Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
Data File : BF131564.D
Acq On : 09 Dec 2022 13:49
Operator : CG\JU
Sample : PB149477BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Quant Time: Dec 10 03:56:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 06:08:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	58886	20.000	ng		0.00
21) Naphthalene-d8	8.204	136	227211	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	142906	20.000	ng		0.00
64) Phenanthrene-d10	11.457	188	263767	20.000	ng		0.00
76) Chrysene-d12	14.110	240	150008	20.000	ng	#	0.00
86) Perylene-d12	15.621	264	114755	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	475183	134.623	ng		0.02
7) Phenol-d6	6.540	99	607853	131.415	ng		0.00
23) Nitrobenzene-d5	7.481	82	428279	71.263	ng		0.00
42) 2,4,6-Tribromophenol	10.763	330	193987	122.179	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	783078	69.092	ng		0.00
79) Terphenyl-d14	13.051	244	885020	80.910	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.752	88	56069	35.192	ng		98
3) Pyridine	3.504	79	149594	33.819	ng		99
4) n-Nitrosodimethylamine	3.475	42	99812	40.915	ng		99
6) Aniline	6.575	93	198564	35.895	ng		99
8) 2-Chlorophenol	6.692	128	161064	43.058	ng		98
9) Benzaldehyde	6.457	77	27929	8.814	ng		94
10) Phenol	6.551	94	236749	45.887	ng		100
11) bis(2-Chloroethyl)ether	6.645	93	170890	44.186	ng		98
12) 1,3-Dichlorobenzene	6.851	146	178718	41.209	ng		99
13) 1,4-Dichlorobenzene	6.928	146	183978	42.058	ng		98
14) 1,2-Dichlorobenzene	7.081	146	172814	41.356	ng		96
15) Benzyl Alcohol	7.057	79	177128	41.770	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.187	45	211806	42.397	ng		99
17) 2-Methylphenol	7.163	107	144386	42.830	ng		99
18) Hexachloroethane	7.422	117	75256	42.647	ng		88
19) n-Nitroso-di-n-propyla...	7.328	70	148025	42.679	ng		100
20) 3+4-Methylphenols	7.316	107	194360	42.328	ng		97
22) Acetophenone	7.328	105	279742	39.288	ng	#	93
24) Nitrobenzene	7.498	77	229500	37.862	ng		99
25) Isophorone	7.739	82	394980	40.802	ng		99
26) 2-Nitrophenol	7.816	139	84527	40.893	ng		96
27) 2,4-Dimethylphenol	7.851	122	153664	48.501	ng		97
28) bis(2-Chloroethoxy)met...	7.951	93	217640	43.461	ng		99
29) 2,4-Dichlorophenol	8.057	162	151371	38.640	ng		97
30) 1,2,4-Trichlorobenzene	8.139	180	178101	37.072	ng		98
31) Naphthalene	8.222	128	473052	36.965	ng		99
32) Benzoic acid	7.975	122	90865	39.601	ng		96
33) 4-Chloroaniline	8.269	127	119218	24.853	ng		95
34) Hexachlorobutadiene	8.334	225	123208	36.389	ng		98
35) Caprolactam	8.645	113	22616	22.318	ng		92
36) 4-Chloro-3-methylphenol	8.757	107	171677	39.027	ng		98
37) 2-Methylnaphthalene	8.916	142	332739	38.019	ng		100
38) 1-Methylnaphthalene	9.016	142	304176	36.205	ng		99
40) 1,2,4,5-Tetrachloroben...	9.081	216	201300	38.052	ng		99
41) Hexachlorocyclopentadiene	9.069	237	257554	95.920	ng		97
43) 2,4,6-Trichlorophenol	9.192	196	116113	35.486	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
Data File : BF131564.D
Acq On : 09 Dec 2022 13:49
Operator : CG\JU
Sample : PB149477BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Quant Time: Dec 10 03:56:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 06:08:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	129834	36.896	ng		96
46) 1,1'-Biphenyl	9.386	154	428436	37.918	ng		99
47) 2-Chloronaphthalene	9.410	162	337929	36.709	ng		98
48) 2-Nitroaniline	9.510	65	119318	36.589	ng		92
49) Acenaphthylene	9.828	152	496202	36.710	ng		99
50) Dimethylphthalate	9.686	163	408967	37.541	ng		100
51) 2,6-Dinitrotoluene	9.751	165	84858	37.731	ng		92
52) Acenaphthene	9.998	154	308653	34.086	ng		98
53) 3-Nitroaniline	9.922	138	56910	26.374	ng		94
54) 2,4-Dinitrophenol	10.028	184	101973	79.246	ng	#	88
55) Dibenzofuran	10.175	168	467796	36.563	ng		100
56) 4-Nitrophenol	10.081	139	120671	80.499	ng		94
57) 2,4-Dinitrotoluene	10.157	165	116765	39.138	ng		97
58) Fluorene	10.516	166	380004	36.535	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	107372	36.033	ng		97
60) Diethylphthalate	10.386	149	390671	37.370	ng		99
61) 4-Chlorophenyl-phenyle...	10.510	204	214939	37.394	ng		92
62) 4-Nitroaniline	10.545	138	77388	36.191	ng		96
63) Azobenzene	10.669	77	436101	36.574	ng		98
65) 4,6-Dinitro-2-methylph...	10.563	198	64667	38.708	ng		98
66) n-Nitrosodiphenylamine	10.628	169	320722	37.611	ng		98
67) 4-Bromophenyl-phenylether	10.998	248	126531	37.290	ng		93
68) Hexachlorobenzene	11.063	284	139487	38.005	ng		95
69) Atrazine	11.157	200	108658	40.126	ng		97
70) Pentachlorophenol	11.257	266	154595	81.818	ng		97
71) Phenanthrene	11.486	178	552193	37.559	ng		100
72) Anthracene	11.539	178	549970	38.449	ng		99
73) Carbazole	11.692	167	455548	39.018	ng		100
74) Di-n-butylphthalate	12.016	149	582454	40.664	ng		99
75) Fluoranthene	12.674	202	586057	38.711	ng		98
77) Benzidine	12.798	184	148214	36.876	ng		98
78) Pyrene	12.910	202	574623	38.848	ng		100
80) Butylbenzylphthalate	13.527	149	181520	42.405	ng		93
81) Benzo(a)anthracene	14.098	228	409601	37.811	ng		99
82) 3,3'-Dichlorobenzidine	14.063	252	106333	34.500	ng		95
83) Chrysene	14.139	228	390643	37.931	ng		96
84) Bis(2-ethylhexyl)phtha...	14.080	149	209033	36.613	ng		100
85) Di-n-octyl phthalate	14.704	149	303655	33.542	ng		99
87) Indeno(1,2,3-cd)pyrene	17.162	276	384053	41.008	ng		100
88) Benzo(b)fluoranthene	15.174	252	312791	41.356	ng		99
89) Benzo(k)fluoranthene	15.204	252	315031	39.906	ng		100
90) Benzo(a)pyrene	15.557	252	278866	43.204	ng		100
91) Dibenzo(a,h)anthracene	17.186	278	330467	42.875	ng		99
92) Benzo(g,h,i)perylene	17.633	276	330044	42.606	ng		98

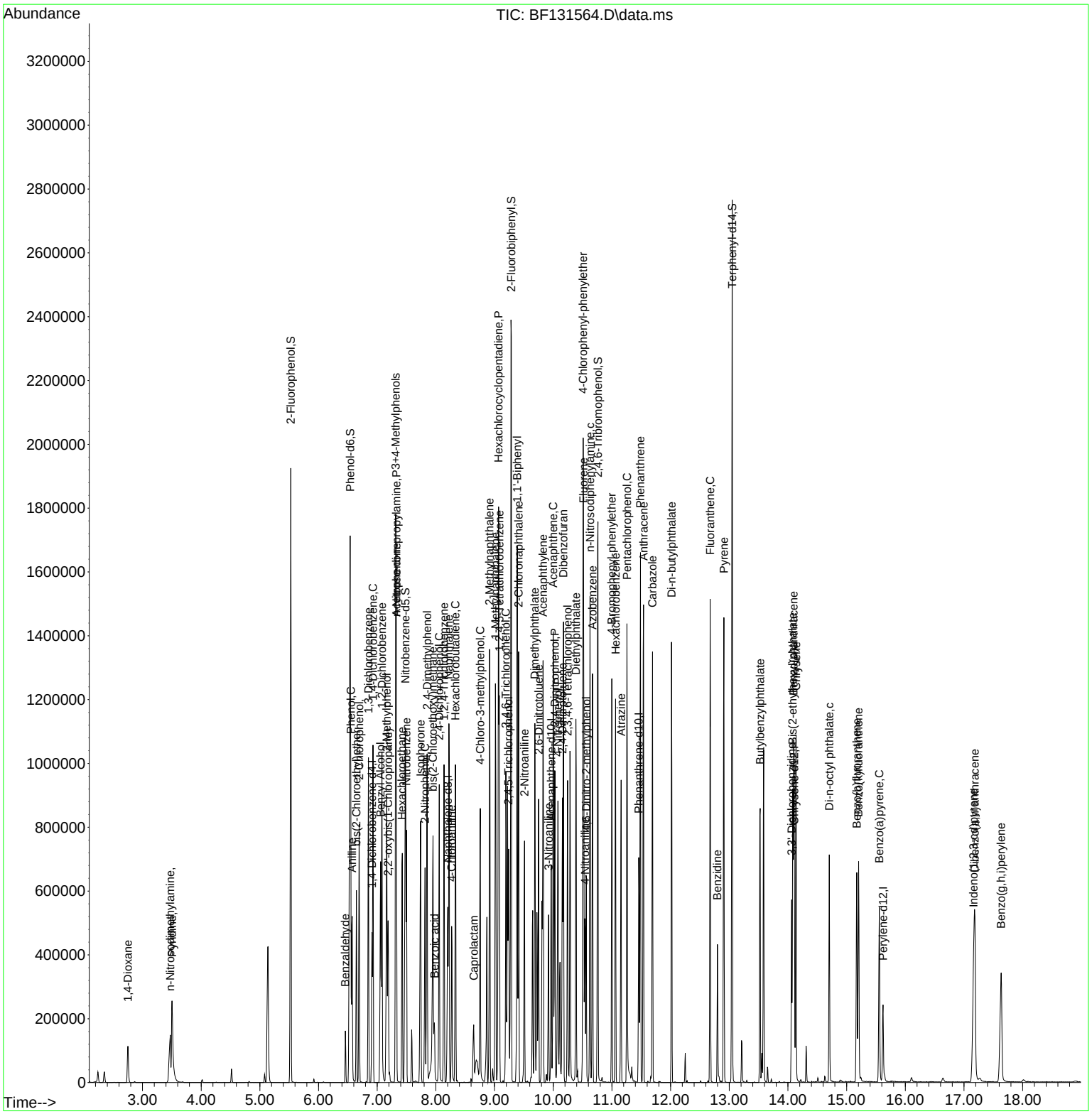
(#) = qualifier out of range (m) = manual integration (+) = signals summed

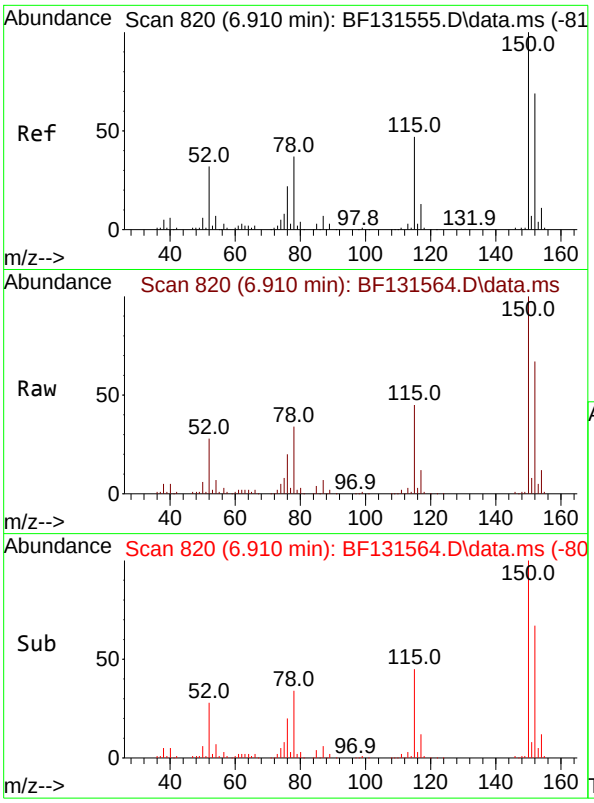
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
Data File : BF131564.D
Acq On : 09 Dec 2022 13:49
Operator : CG\JU
Sample : PB149477BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Quant Time: Dec 10 03:56:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 06:08:27 2022
Response via : Initial Calibration



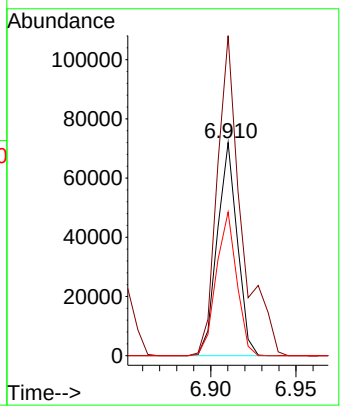


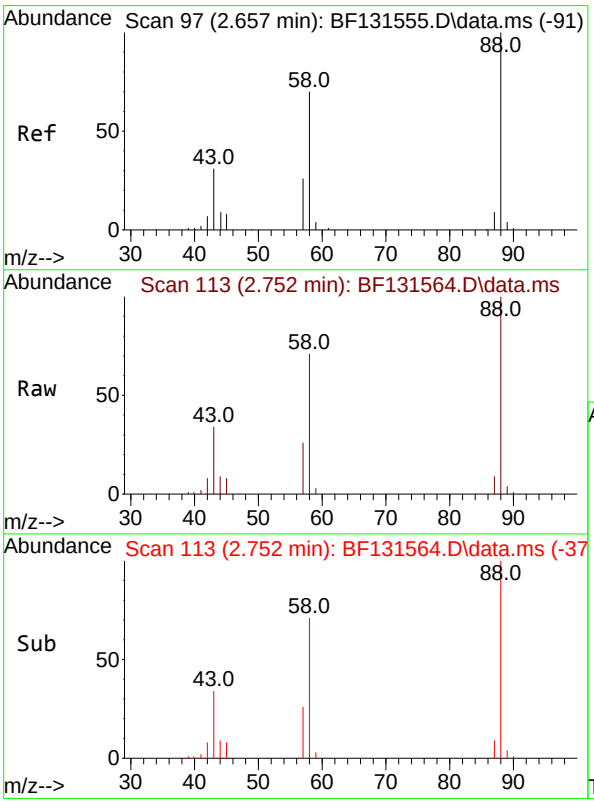
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:152 Resp: 58886

Ion	Ratio	Lower	Upper
152	100		
150	150.2	116.7	175.1
115	67.4	54.6	82.0

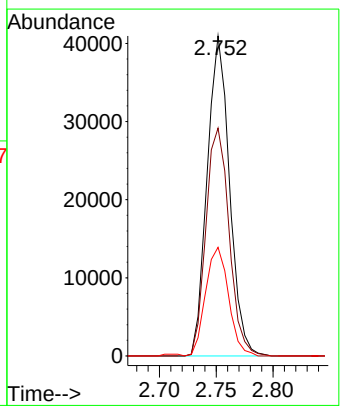


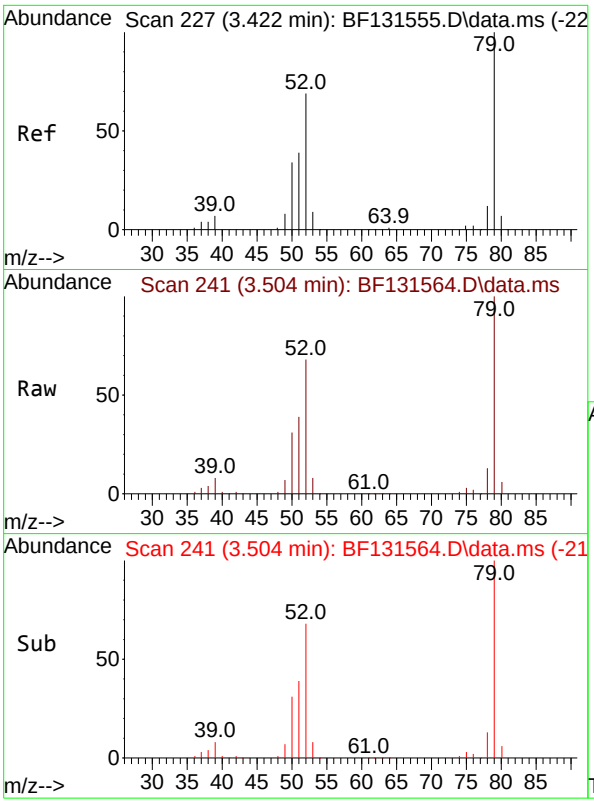


#2
1,4-Dioxane
Concen: 35.192 ng
RT: 2.752 min Scan# 113
Delta R.T. 0.094 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion: 88 Resp: 56069

Ion	Ratio	Lower	Upper
88	100		
58	73.9	60.0	90.0
43	35.0	26.7	40.1



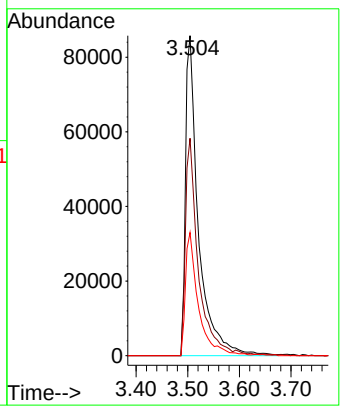


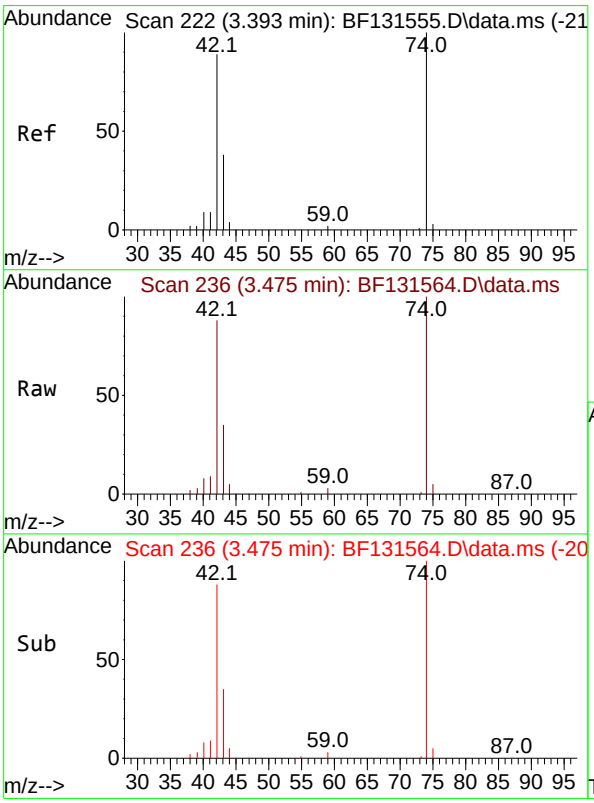
#3
Pyridine
Concen: 33.819 ng
RT: 3.504 min Scan# 24
Delta R.T. 0.082 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion: 79 Resp: 149594

Ion	Ratio	Lower	Upper
79	100		
52	68.0	55.0	82.6
51	38.5	31.4	47.2

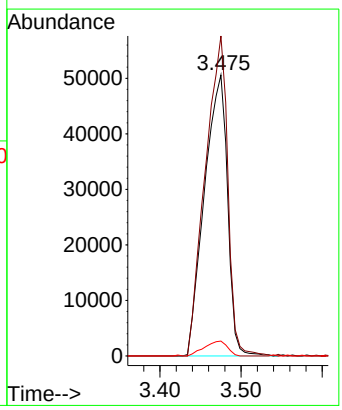


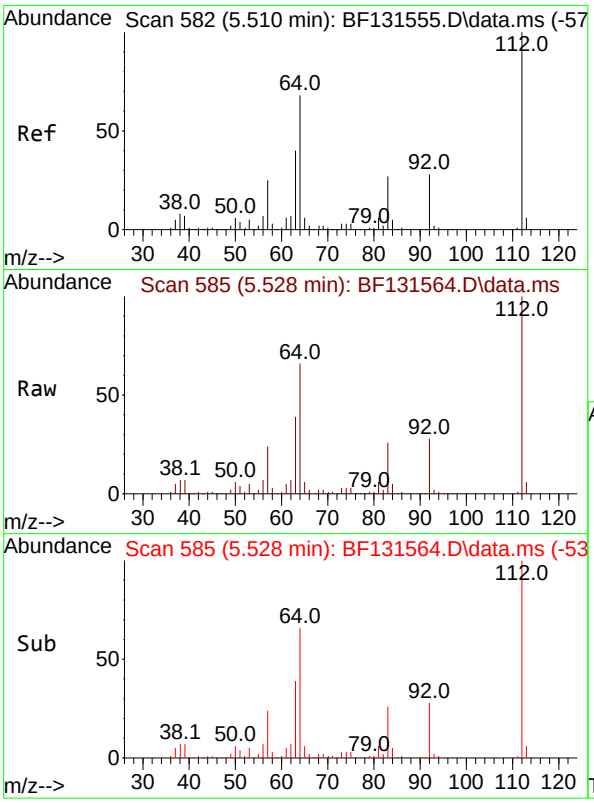


#4
n-Nitrosodimethylamine
Concen: 40.915 ng
RT: 3.475 min Scan# 236
Delta R.T. 0.082 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion: 42 Resp: 99812

Ion	Ratio	Lower	Upper
42	100		
74	113.9	90.2	135.2
44	5.3	3.7	5.5



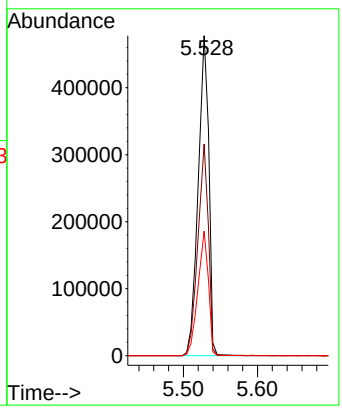


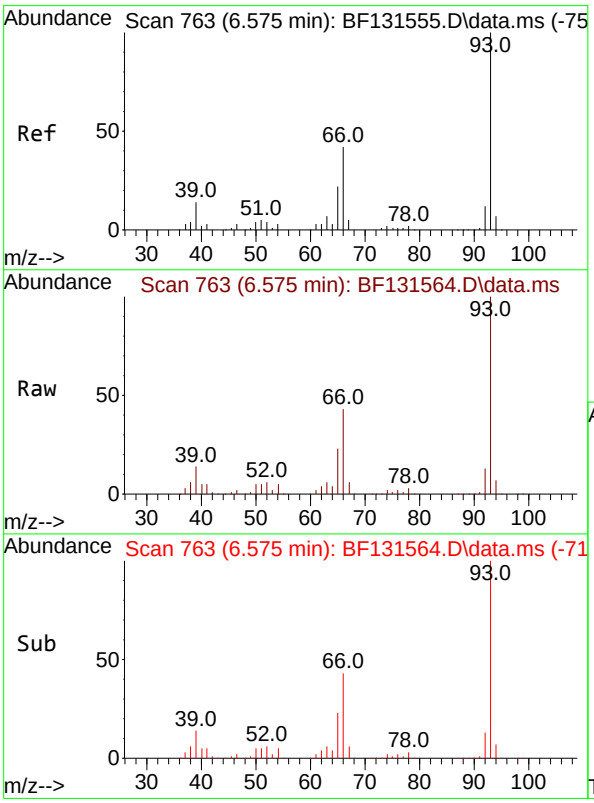
#5
2-Fluorophenol
Concen: 134.623 ng
RT: 5.528 min Scan# 5
Delta R.T. 0.018 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:112 Resp: 475183

Ion	Ratio	Lower	Upper
112	100		
64	66.1	54.5	81.7
63	38.9	31.9	47.9

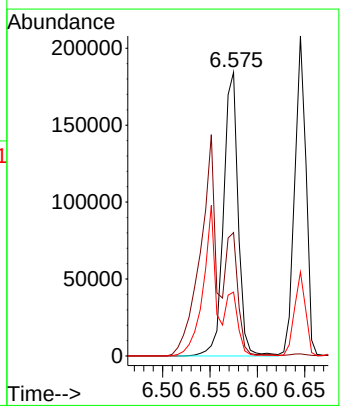


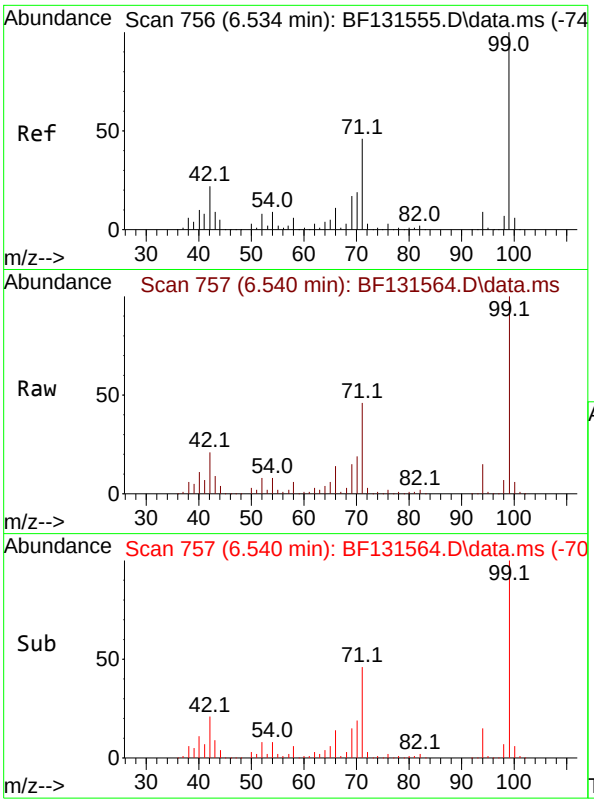


#6
Aniline
Concen: 35.895 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion: 93 Resp: 198564

Ion	Ratio	Lower	Upper
93	100		
66	43.5	34.6	51.8
65	22.5	17.7	26.5



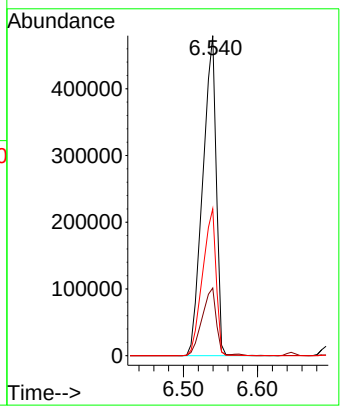


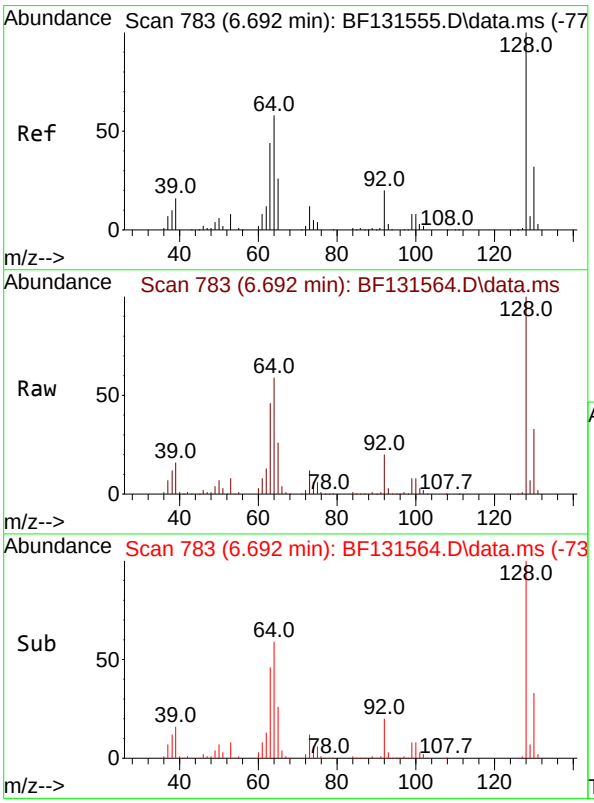
#7
Phenol-d6
Concen: 131.415 ng
RT: 6.540 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion: 99 Resp: 607853

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.9	26.9
71	45.9	37.2	55.8

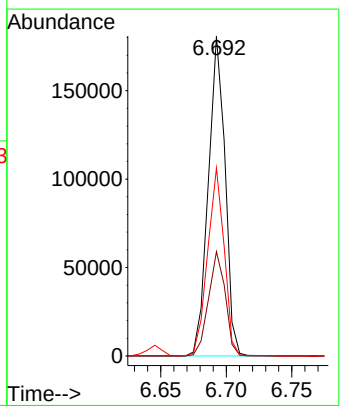


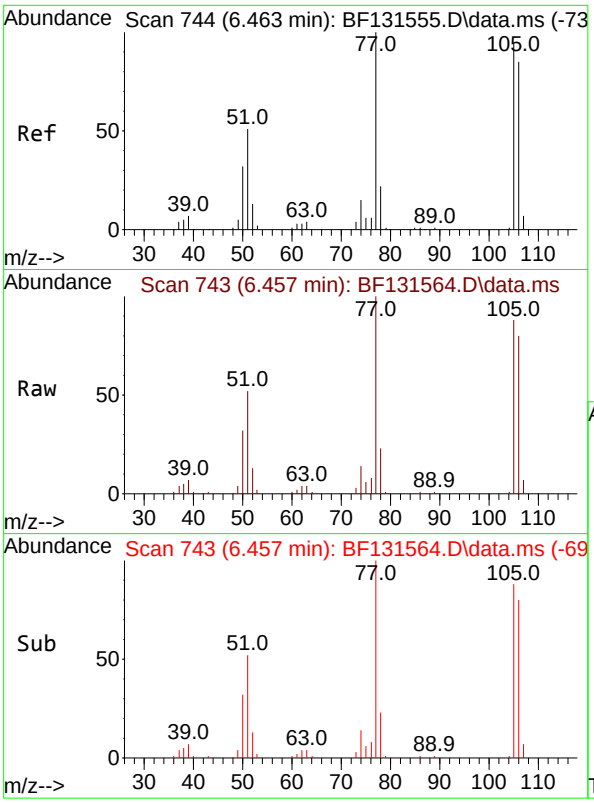


#8
2-Chlorophenol
Concen: 43.058 ng
RT: 6.692 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:128 Resp: 161064

Ion	Ratio	Lower	Upper
128	100		
130	32.6	11.6	51.6
64	58.8	40.6	80.6



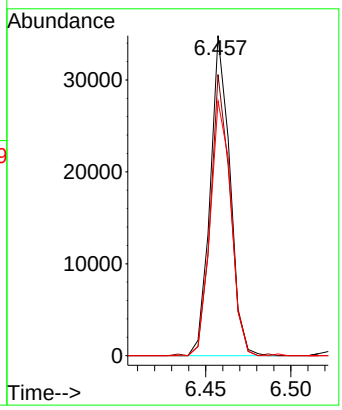


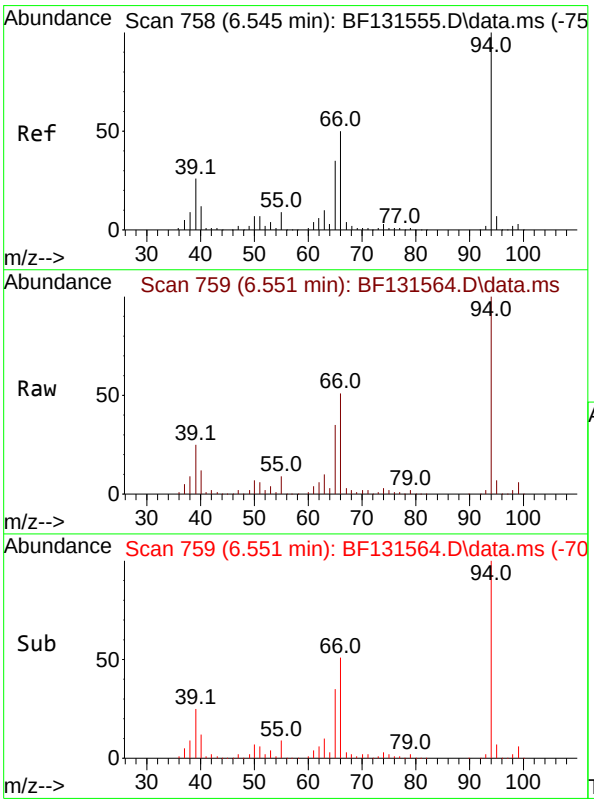
#9
Benzaldehyde
Concen: 8.814 ng
RT: 6.457 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion: 77 Resp: 27929

Ion	Ratio	Lower	Upper
77	100		
105	87.9	73.8	113.8
106	79.6	65.2	105.2

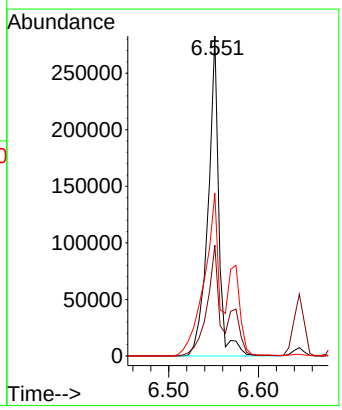


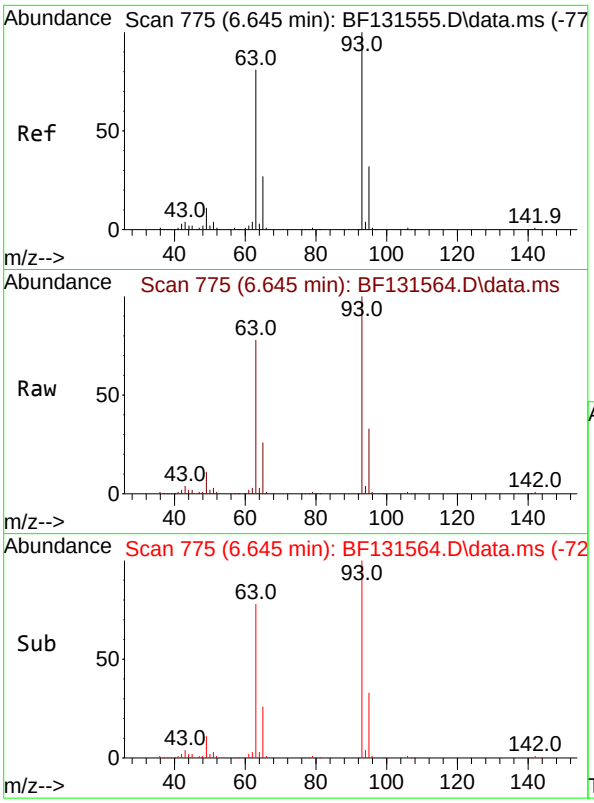


#10
Phenol
Concen: 45.887 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion: 94 Resp: 236749

Ion	Ratio	Lower	Upper
94	100		
65	34.6	14.8	54.8
66	50.9	30.8	70.8



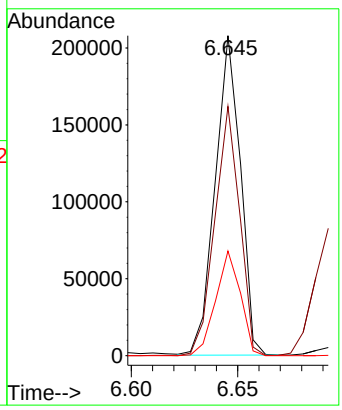


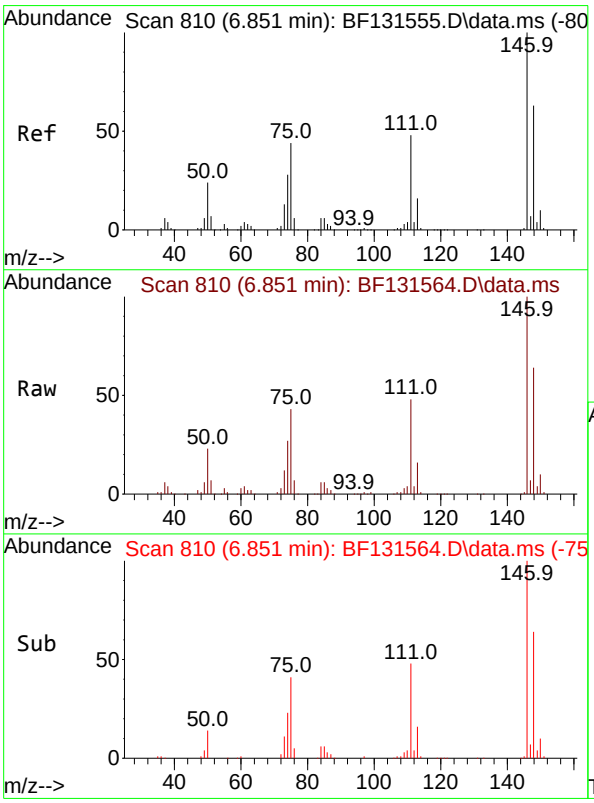
#11
bis(2-Chloroethyl)ether
Concen: 44.186 ng
RT: 6.645 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion: 93 Resp: 170890

Ion	Ratio	Lower	Upper
93	100		
63	77.9	60.4	100.4
95	32.7	12.3	52.3

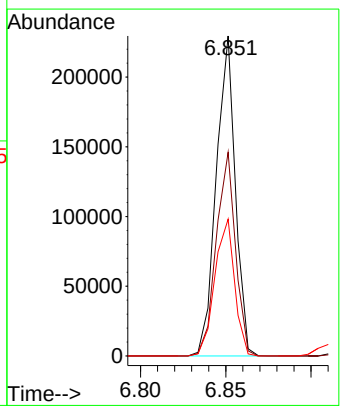


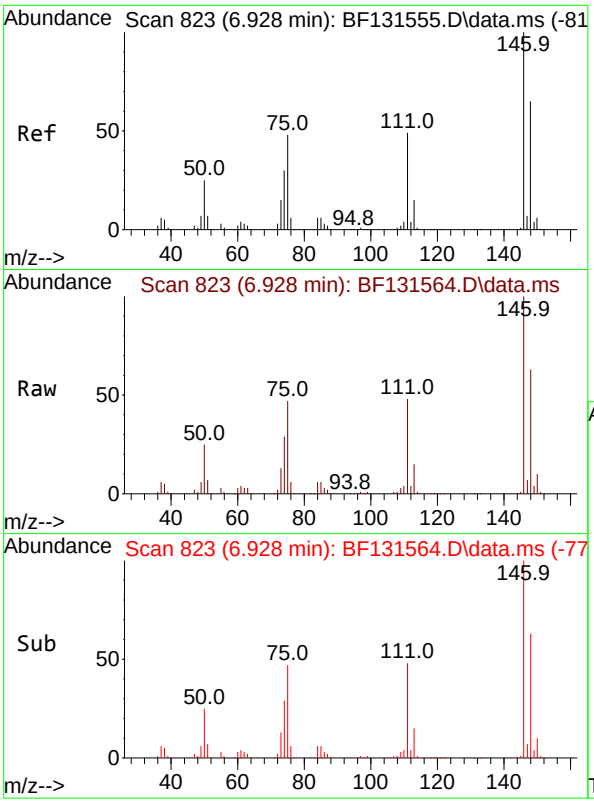


#12
1,3-Dichlorobenzene
Concen: 41.209 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:146 Resp: 178718

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.7	76.1
75	42.8	35.1	52.7



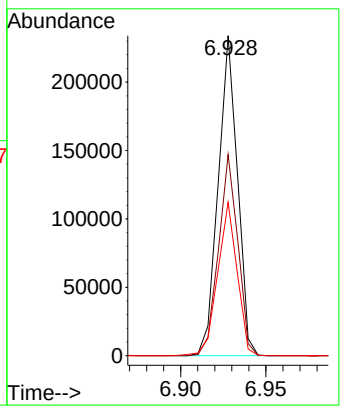


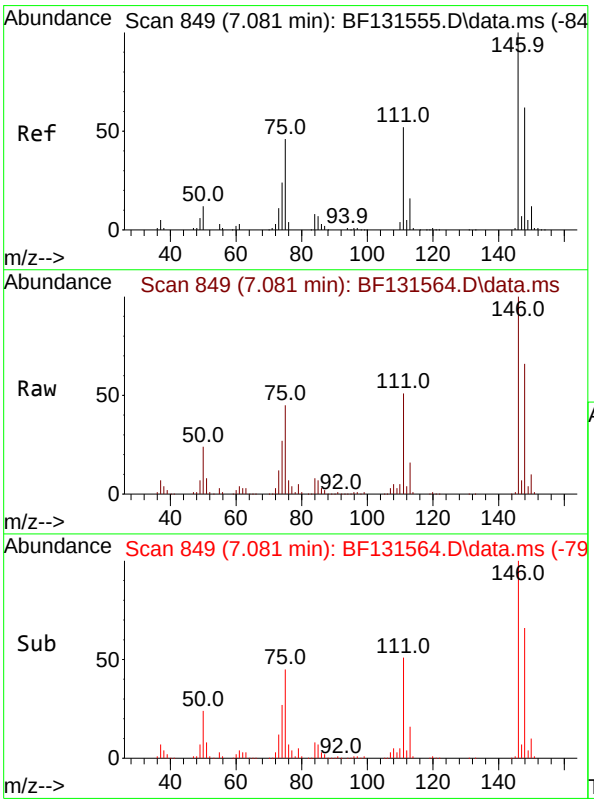
#13
1,4-Dichlorobenzene
Concen: 42.058 ng
RT: 6.928 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:146 Resp: 183978

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.8	77.6
111	47.9	38.9	58.3

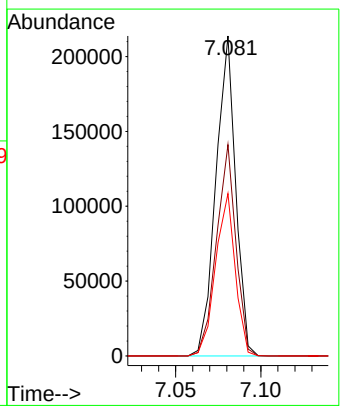


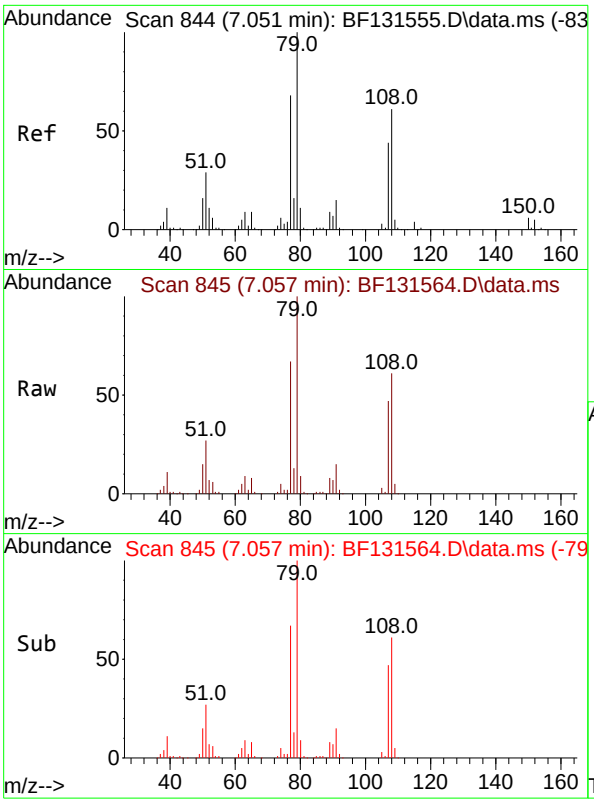


#14
1,2-Dichlorobenzene
Concen: 41.356 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:146 Resp: 172814

Ion	Ratio	Lower	Upper
146	100		
148	66.0	49.9	74.9
111	50.8	41.8	62.6



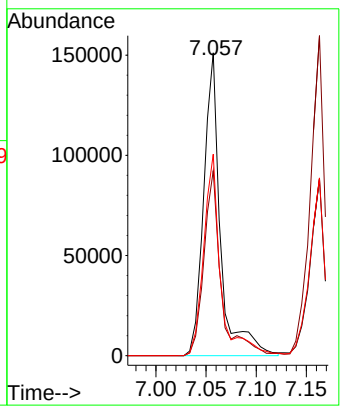


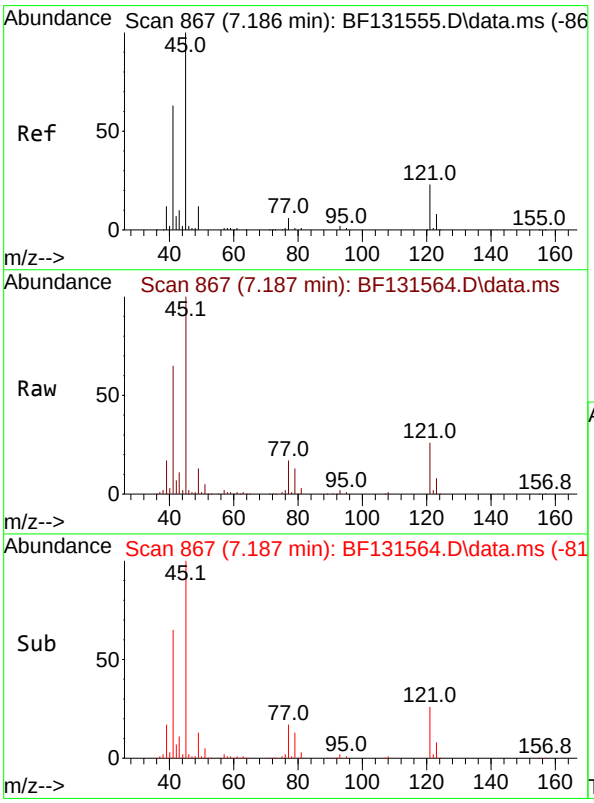
#15
Benzyl Alcohol
Concen: 41.770 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion: 79 Resp: 177128

Ion	Ratio	Lower	Upper
79	100		
108	61.1	49.2	73.8
77	66.5	54.5	81.7

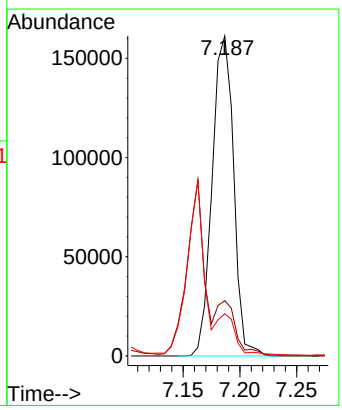


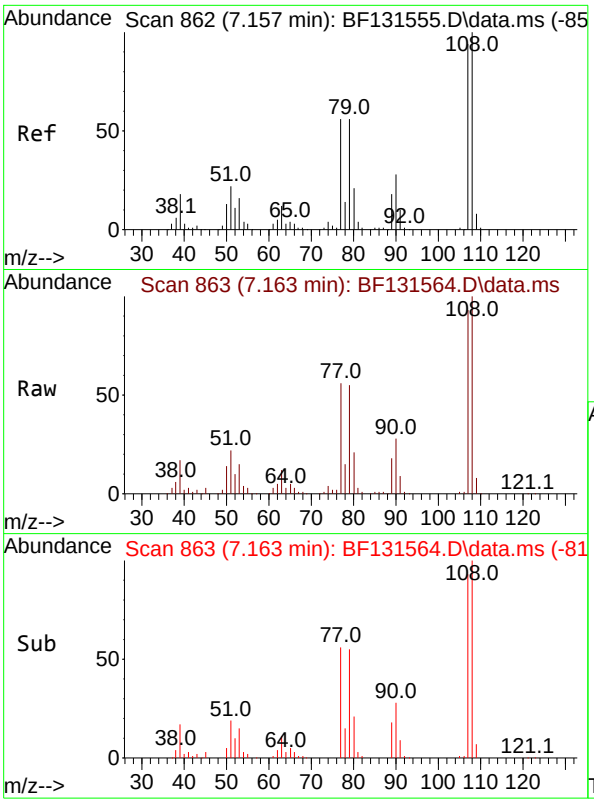


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.397 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion: 45 Resp: 211806

Ion	Ratio	Lower	Upper
45	100		
77	17.3	0.0	37.7
79	13.2	0.0	33.6



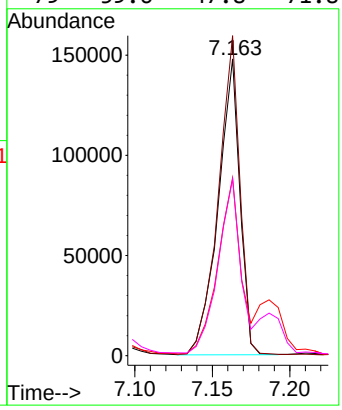


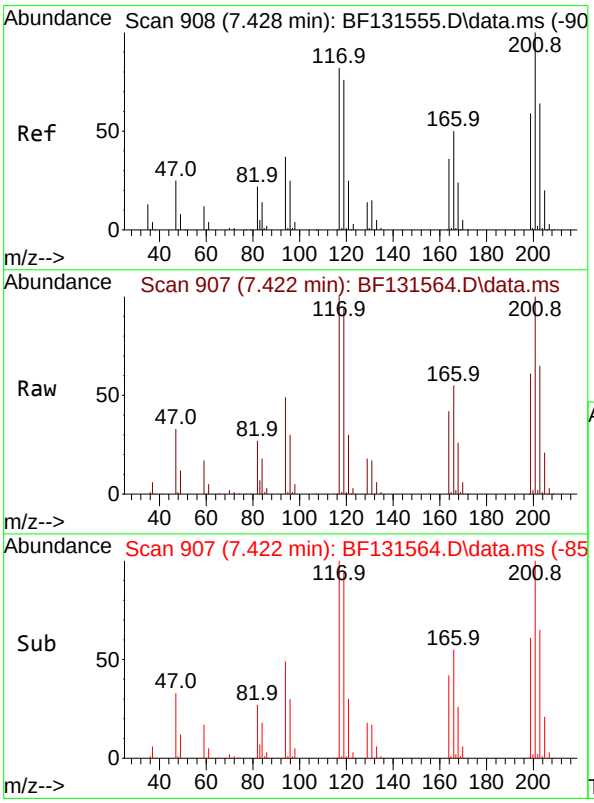
#17
2-Methylphenol
Concen: 42.830 ng
RT: 7.163 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:107 Resp: 144386

Ion	Ratio	Lower	Upper
107	100		
108	107.8	85.5	128.3
77	59.9	48.2	72.4
79	59.6	47.8	71.8

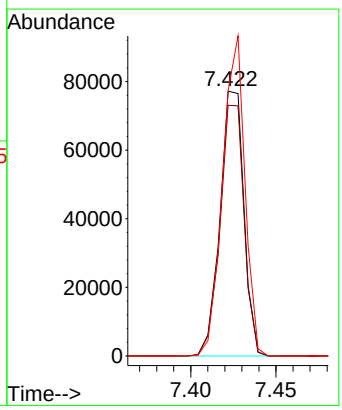


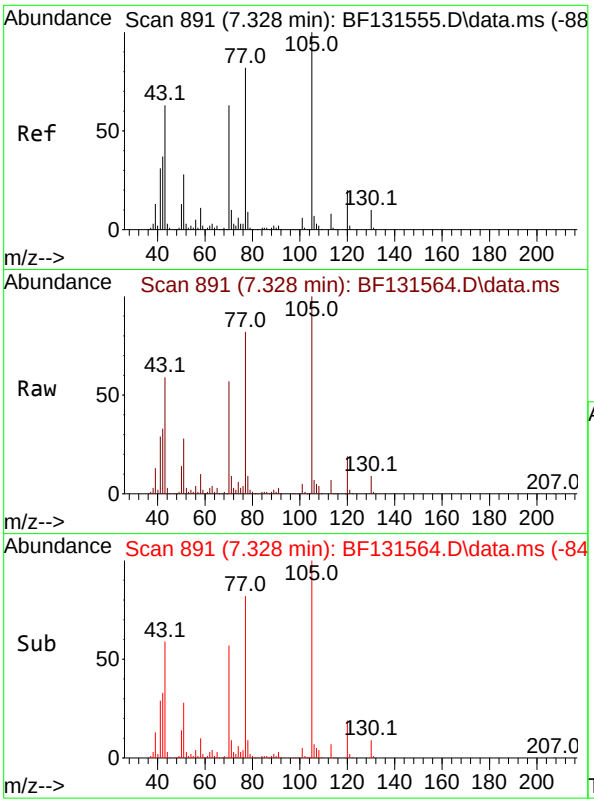


#18
Hexachloroethane
Concen: 42.647 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:117 Resp: 75256

Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.0	112.4
201	100.2	98.0	147.0



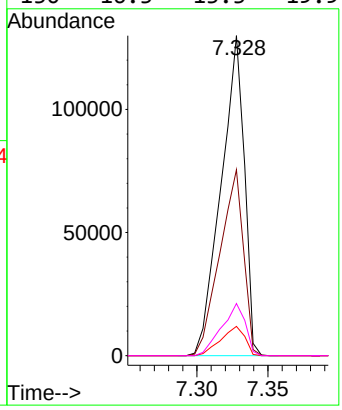


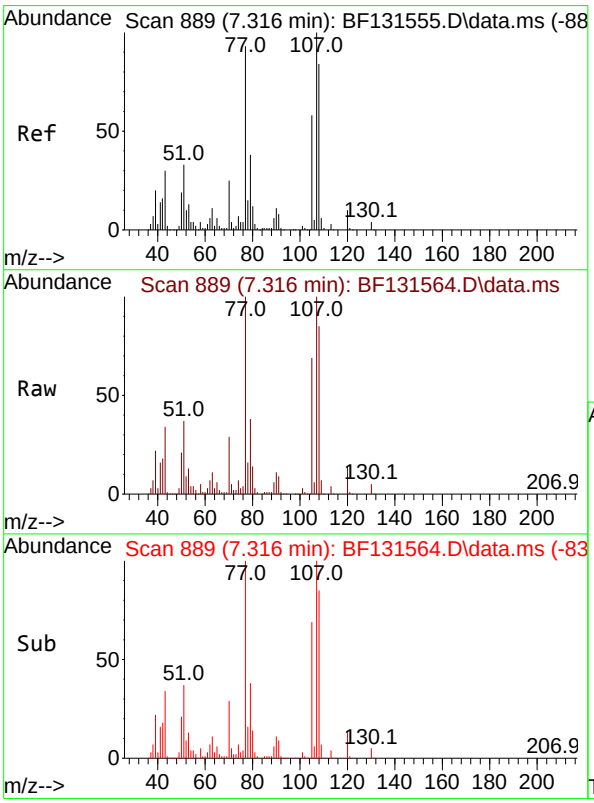
#19
n-Nitroso-di-n-propylamine
Concen: 42.679 ng
RT: 7.328 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion: 70 Resp: 148025

Ion	Ratio	Lower	Upper
70	100		
42	58.1	46.4	69.6
101	9.2	7.2	10.8
130	16.3	13.3	19.9

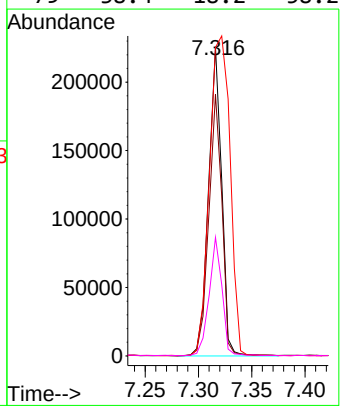


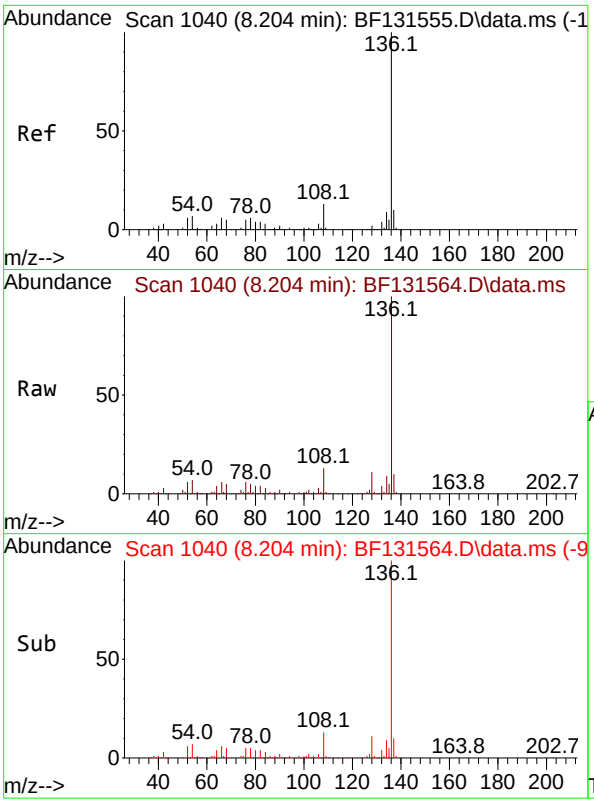


#20
3+4-Methylphenols
Concen: 42.328 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:107 Resp: 194360

Ion	Ratio	Lower	Upper
107	100		
108	84.7	64.0	104.0
77	99.9	73.1	113.1
79	38.4	18.2	58.2



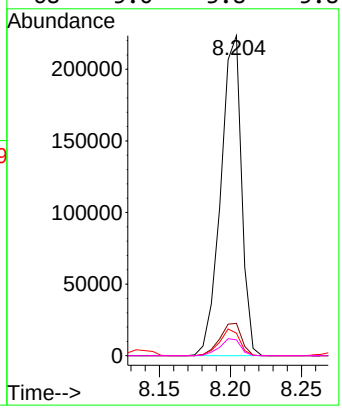


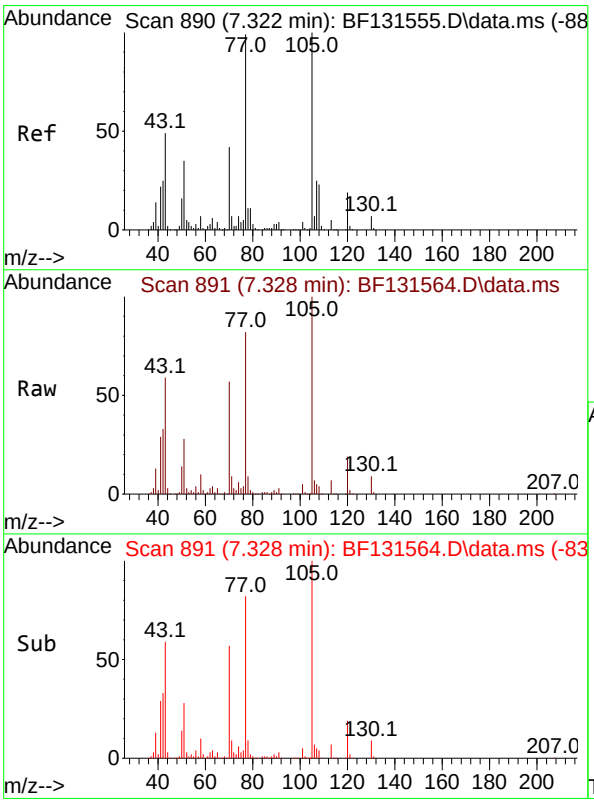
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:136 Resp: 227211

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.1	12.1
54	7.1	6.0	9.0
68	5.0	3.8	5.8

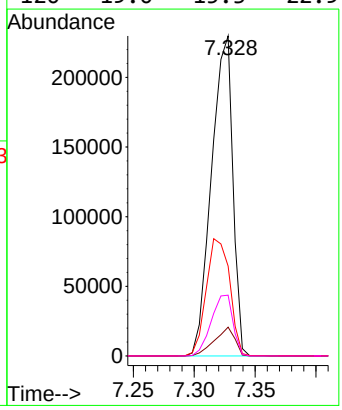


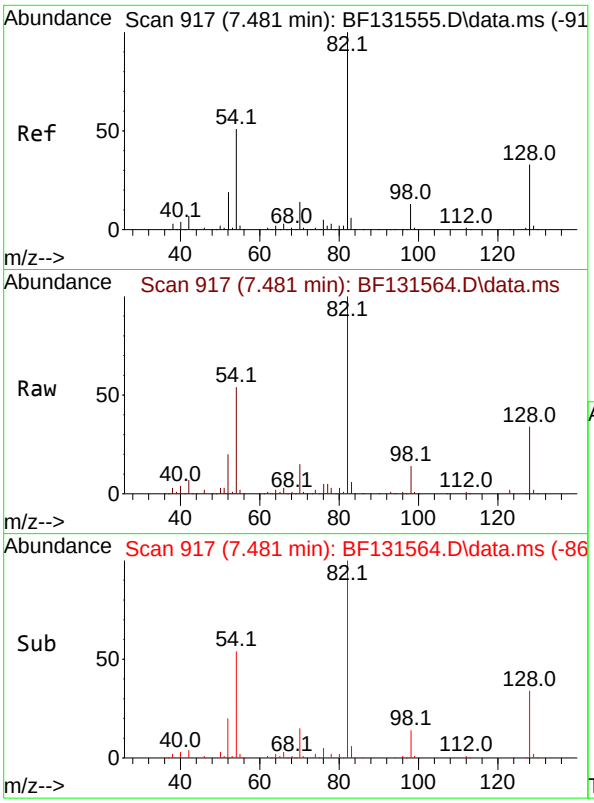


#22
Acetophenone
Concen: 39.288 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:105 Resp: 279742

Ion	Ratio	Lower	Upper
105	100		
71	9.0	5.4	8.0#
51	28.1	27.8	41.6
120	19.0	15.3	22.9



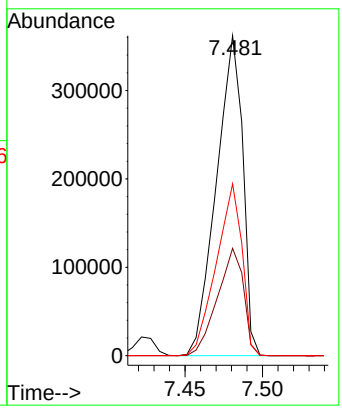


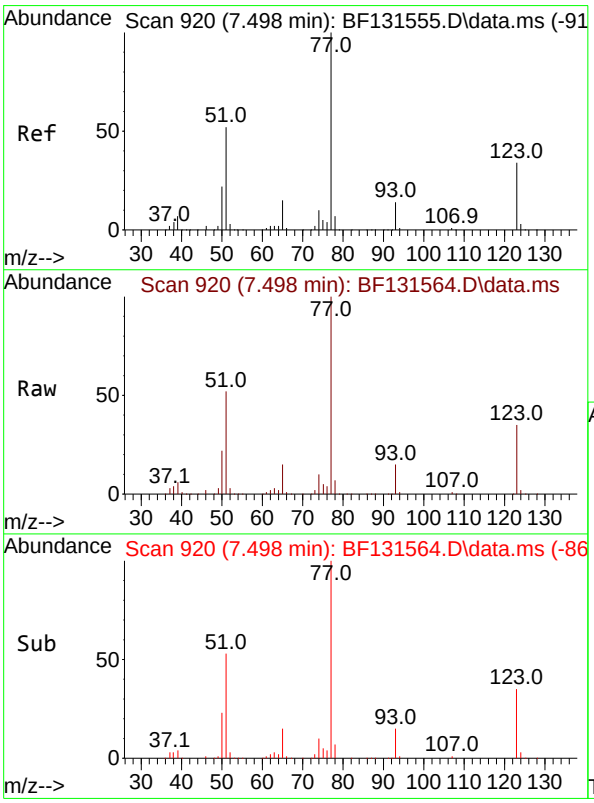
#23
Nitrobenzene-d5
Concen: 71.263 ng
RT: 7.481 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion: 82 Resp: 428279

Ion	Ratio	Lower	Upper
82	100		
128	33.5	26.1	39.1
54	53.7	40.6	60.8

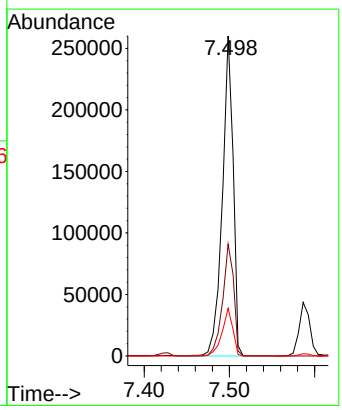


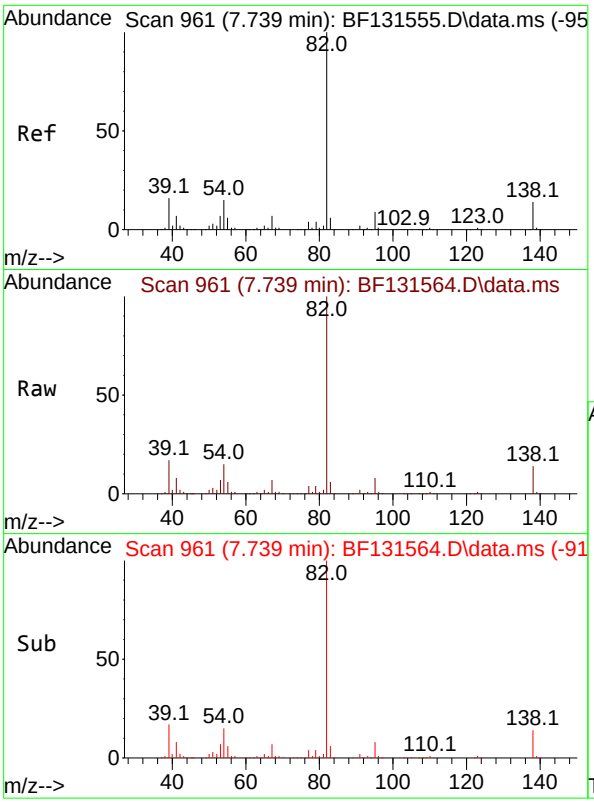


#24
Nitrobenzene
Concen: 37.862 ng
RT: 7.498 min Scan# 920
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion: 77 Resp: 229500

Ion	Ratio	Lower	Upper
77	100		
123	35.0	27.1	40.7
65	14.9	11.9	17.9



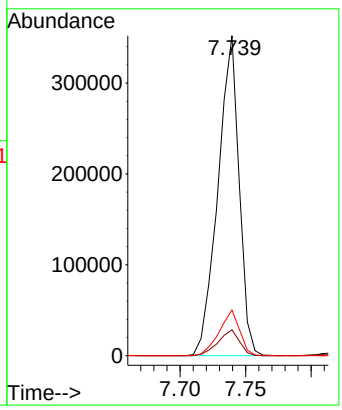


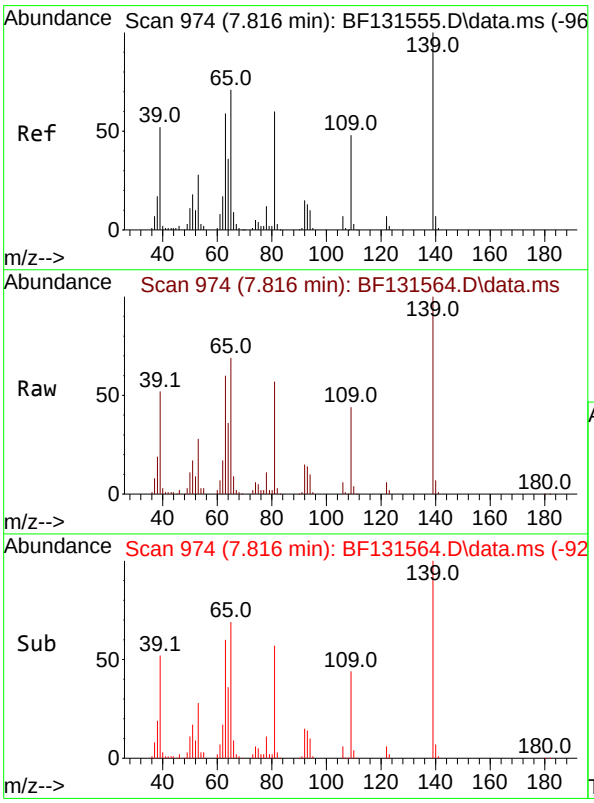
#25
Isophorone
Concen: 40.802 ng
RT: 7.739 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion: 82 Resp: 394980

Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.9	10.3
138	14.3	11.4	17.0

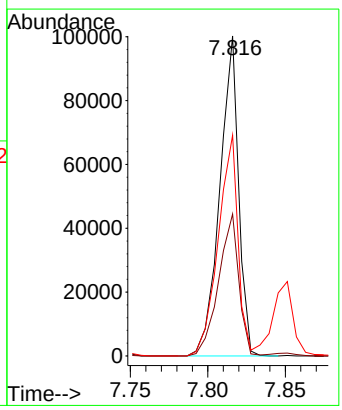


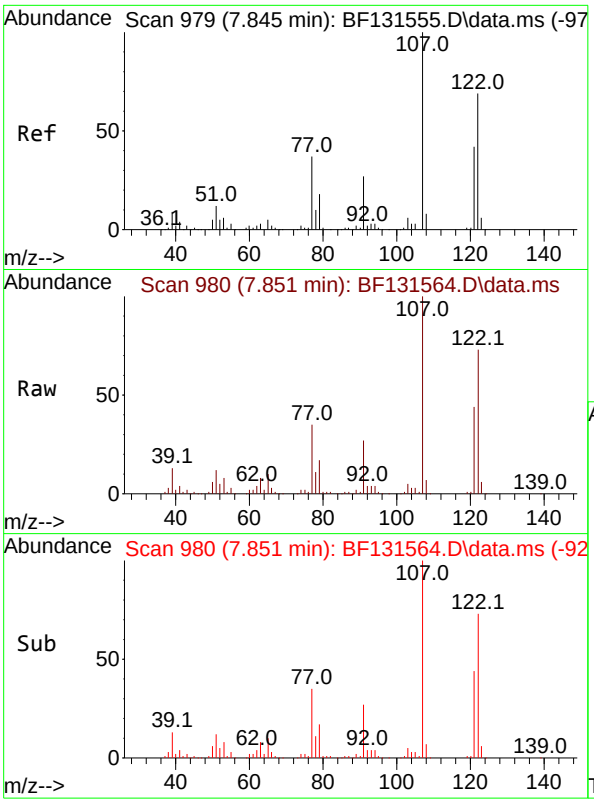


#26
2-Nitrophenol
Concen: 40.893 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:139 Resp: 84527

Ion	Ratio	Lower	Upper
139	100		
109	44.4	38.6	58.0
65	69.0	56.5	84.7



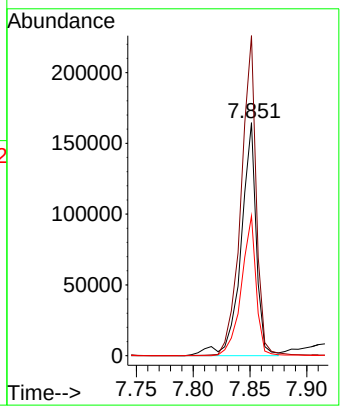


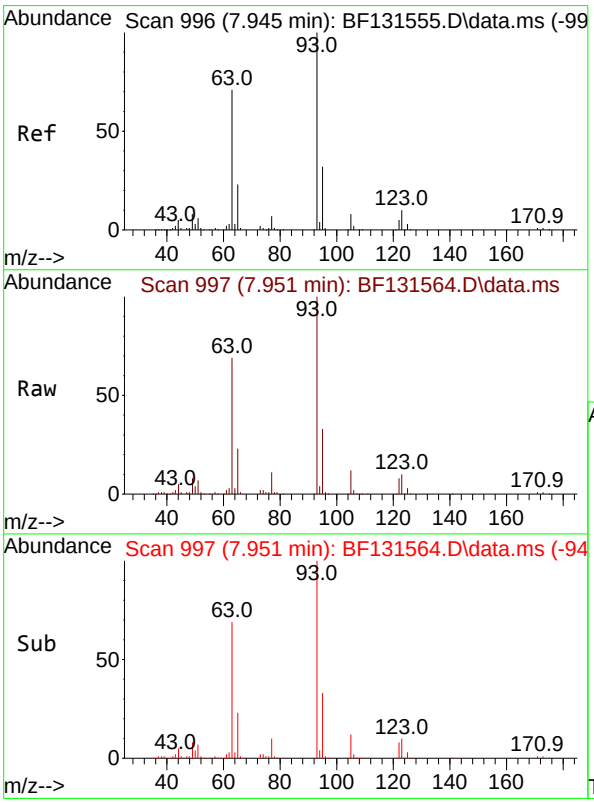
#27
2,4-Dimethylphenol
Concen: 48.501 ng
RT: 7.851 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:122 Resp: 153664

Ion	Ratio	Lower	Upper
122	100		
107	137.4	114.2	171.2
121	59.9	48.2	72.2

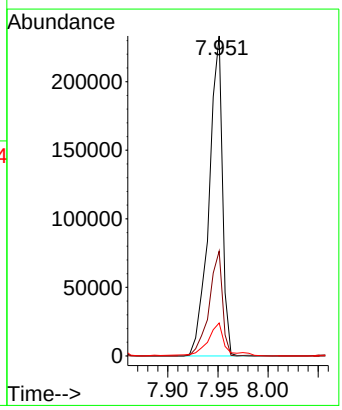


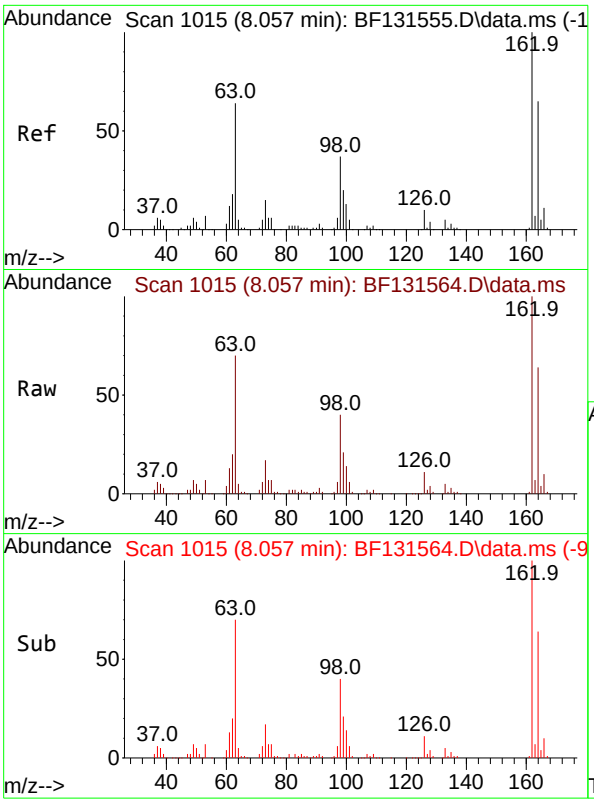


#28
bis(2-Chloroethoxy)methane
Concen: 43.461 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion: 93 Resp: 217640

Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.8	38.6
123	10.3	8.1	12.1



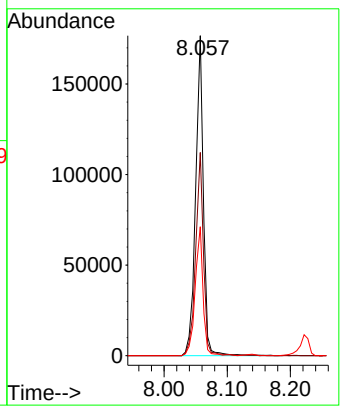


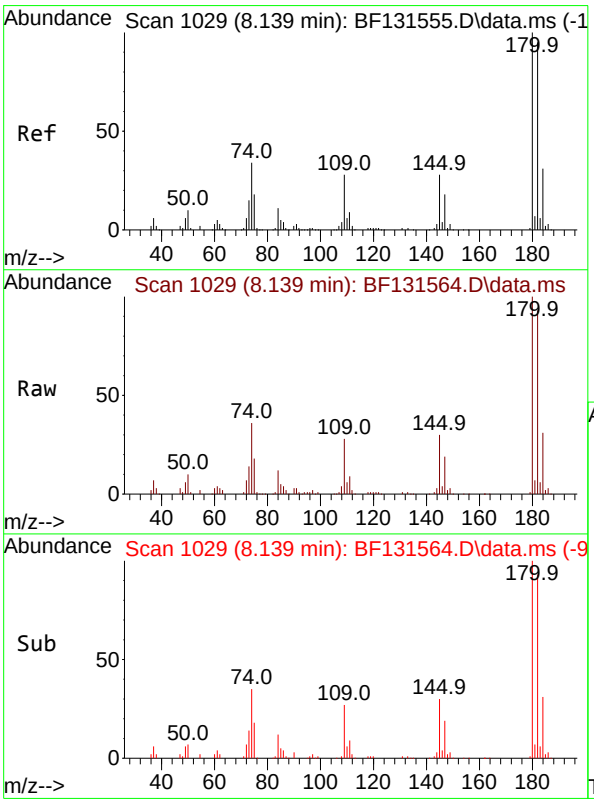
#29
2,4-Dichlorophenol
Concen: 38.640 ng
RT: 8.057 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:162 Resp: 151371

Ion	Ratio	Lower	Upper
162	100		
164	63.5	45.0	85.0
98	40.3	16.6	56.6

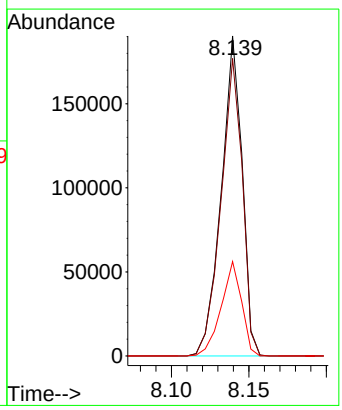


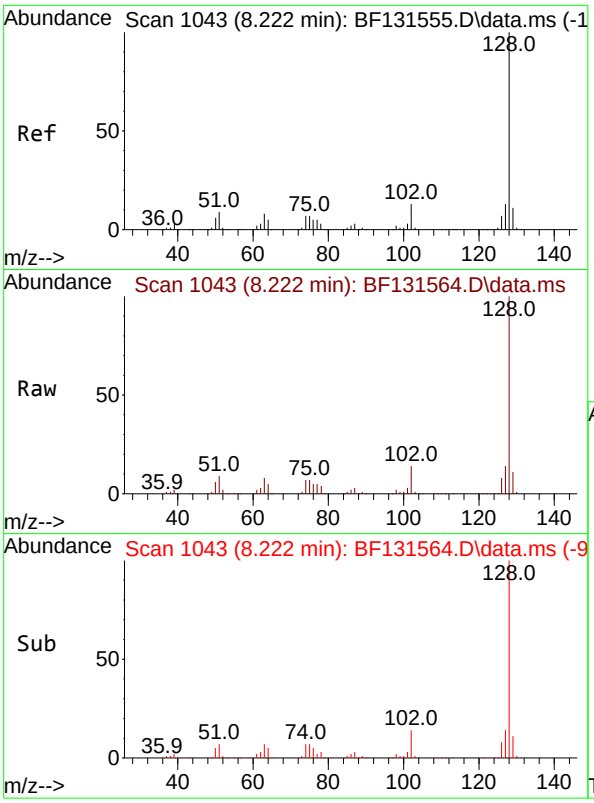


#30
1,2,4-Trichlorobenzene
Concen: 37.072 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:180 Resp: 178101

Ion	Ratio	Lower	Upper
180	100		
182	92.9	75.8	113.6
145	29.5	22.4	33.6



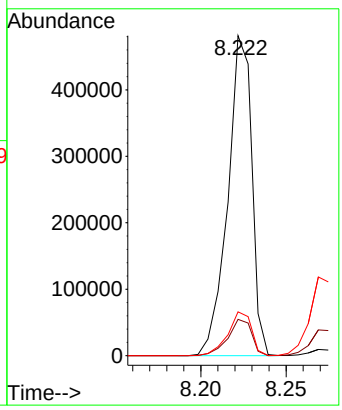


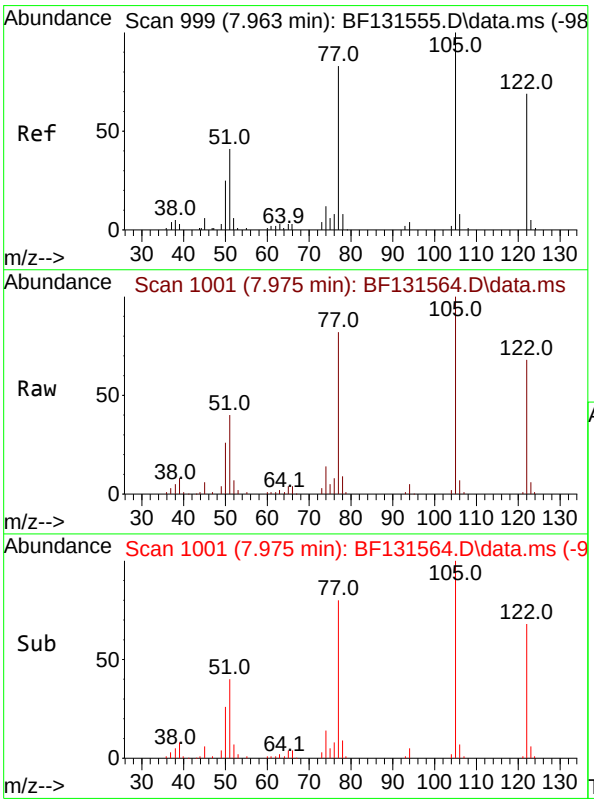
#31
Naphthalene
Concen: 36.965 ng
RT: 8.222 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:128 Resp: 473052

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.9	13.3
127	13.7	10.6	15.8

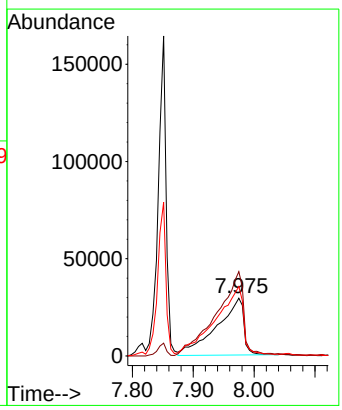


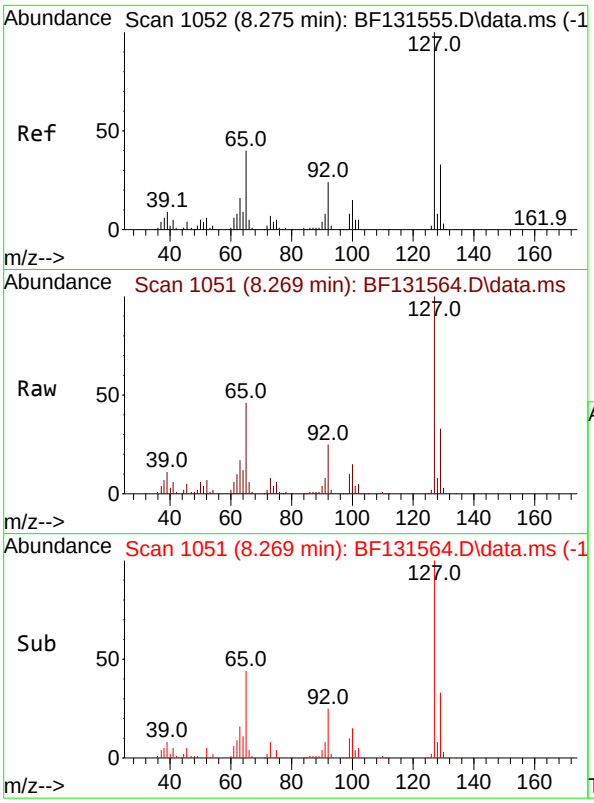


#32
Benzoic acid
Concen: 39.601 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.012 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:122 Resp: 90865

Ion	Ratio	Lower	Upper
122	100		
105	146.1	119.8	159.8
77	120.3	97.6	137.6



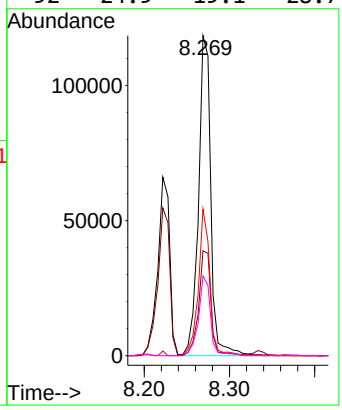


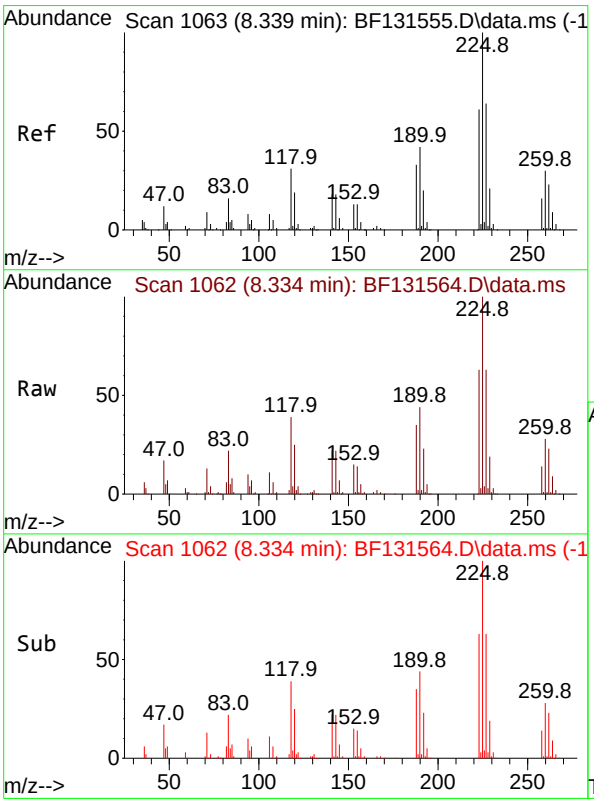
#33
4-Chloroaniline
Concen: 24.853 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:127 Resp: 119218

Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.4	39.6
65	45.8	31.9	47.9
92	24.9	19.1	28.7

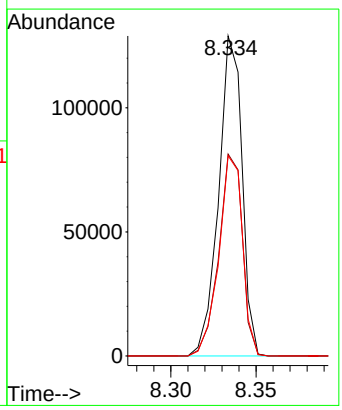


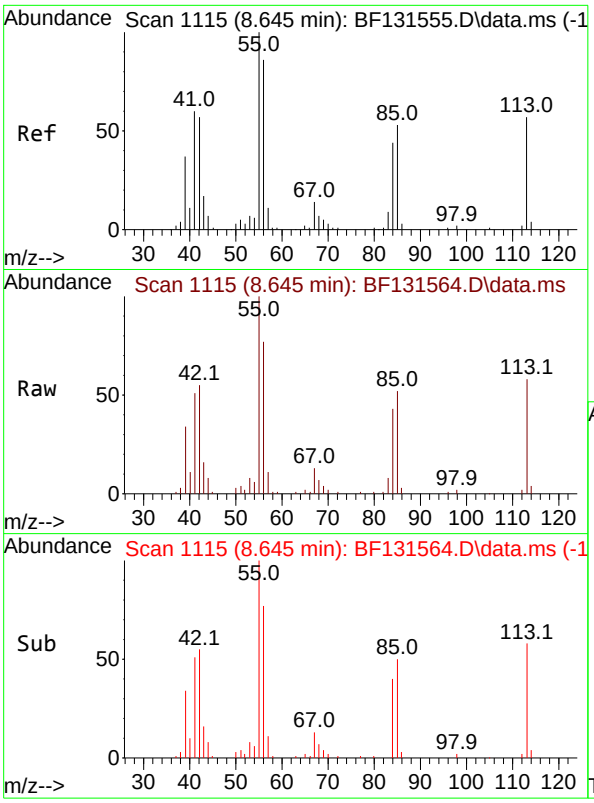


#34
Hexachlorobutadiene
Concen: 36.389 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:225 Resp: 123208

Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.7	73.1
227	62.6	51.0	76.6



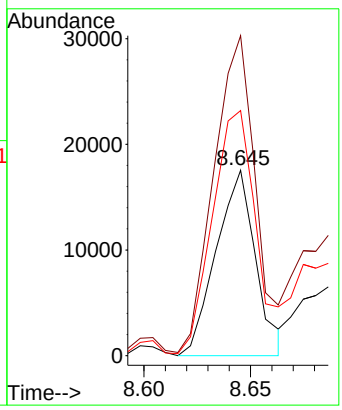


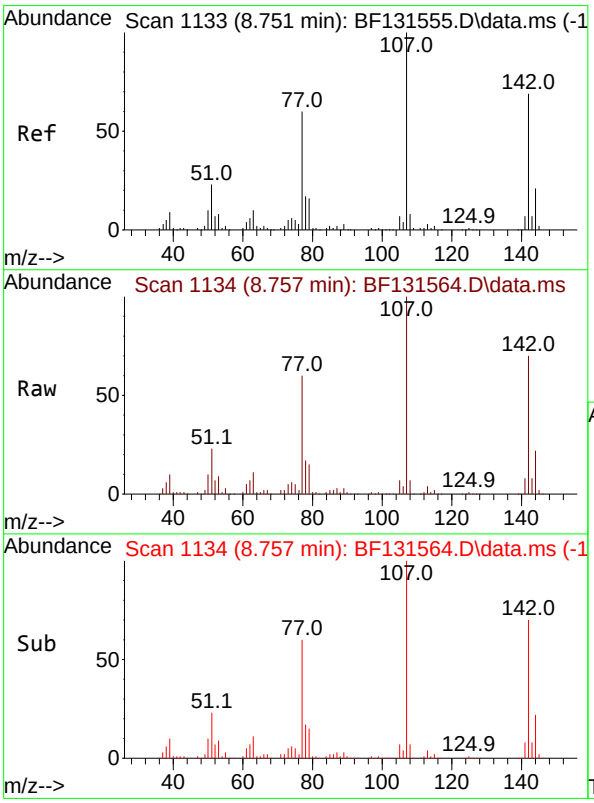
#35
Caprolactam
Concen: 22.318 ng
RT: 8.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:113 Resp: 22616

Ion	Ratio	Lower	Upper
113	100		
55	172.5	155.8	195.8
56	132.2	131.7	171.7

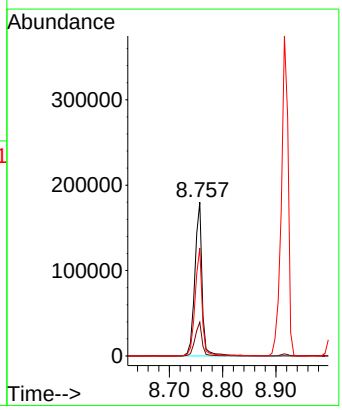


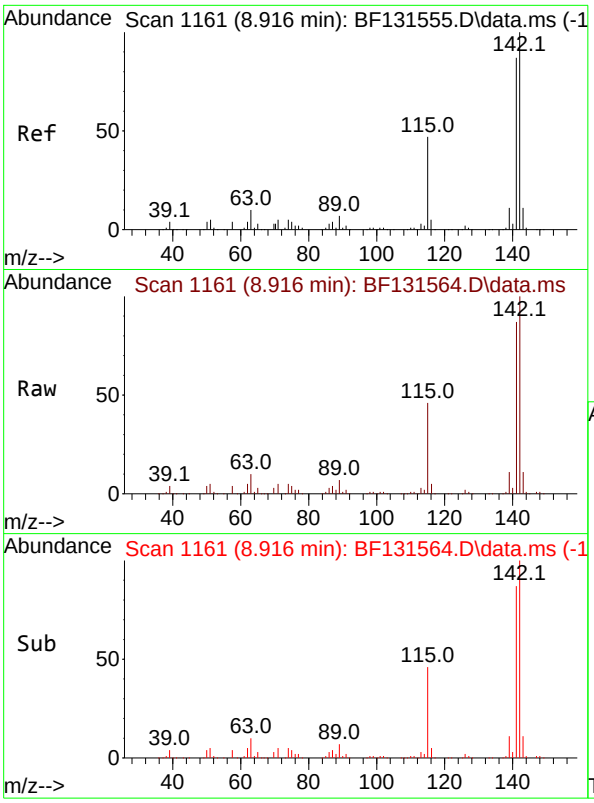


#36
4-Chloro-3-methylphenol
Concen: 39.027 ng
RT: 8.757 min Scan# 1134
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:107 Resp: 171677

Ion	Ratio	Lower	Upper
107	100		
144	22.0	17.0	25.4
142	70.0	54.8	82.2



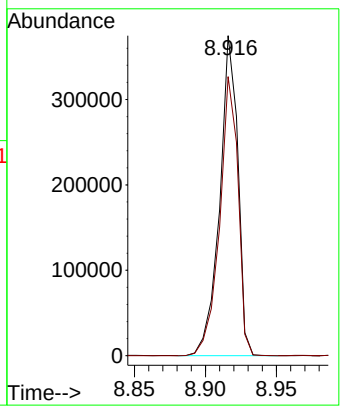


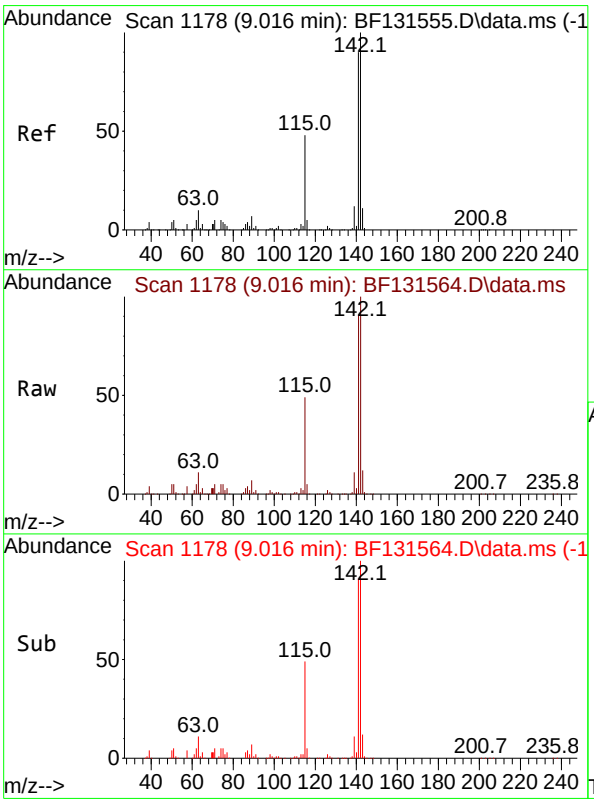
#37
2-Methylnaphthalene
Concen: 38.019 ng
RT: 8.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:142 Resp: 332739

Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.7	104.5

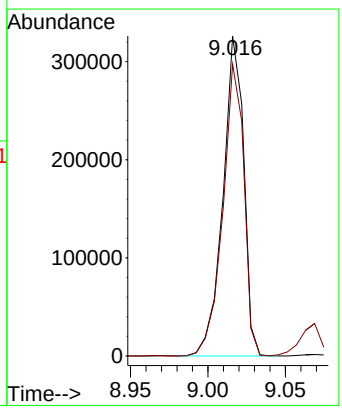


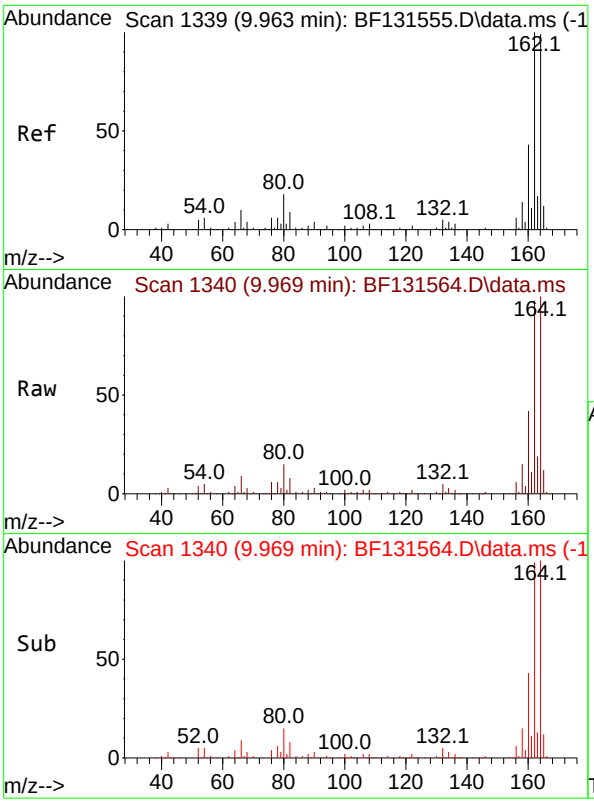


#38
1-Methylnaphthalene
Concen: 36.205 ng
RT: 9.016 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:142 Resp: 304176

Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.9	107.9



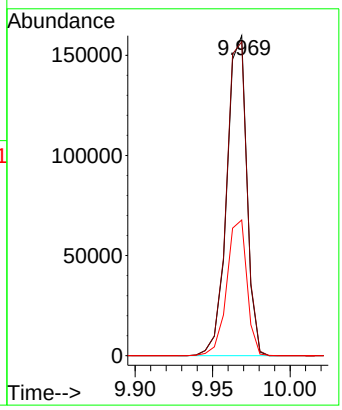


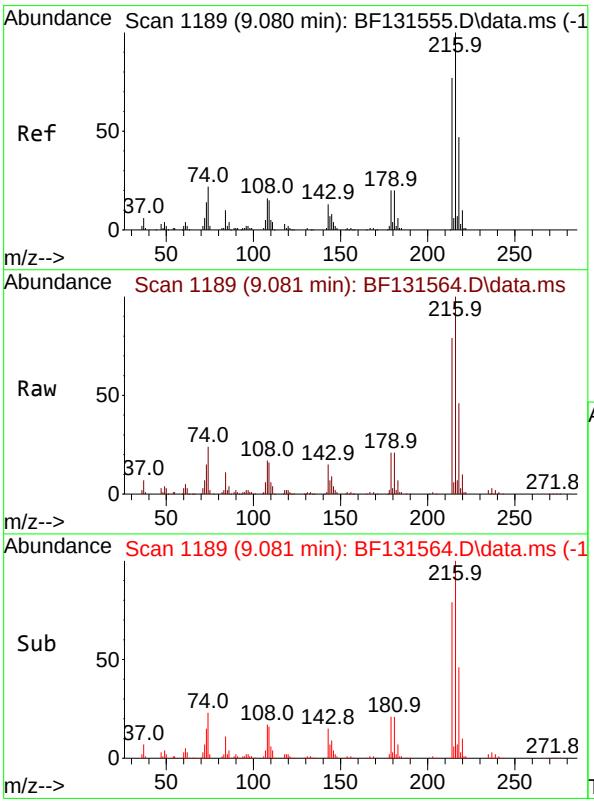
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:164 Resp: 142906

Ion	Ratio	Lower	Upper
164	100		
162	98.1	81.0	121.6
160	42.4	35.0	52.6

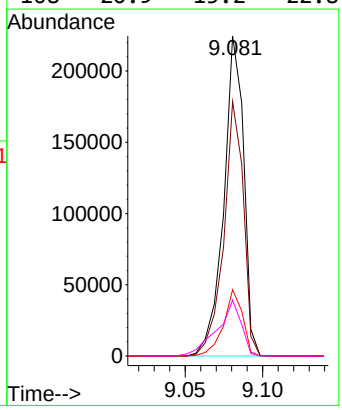


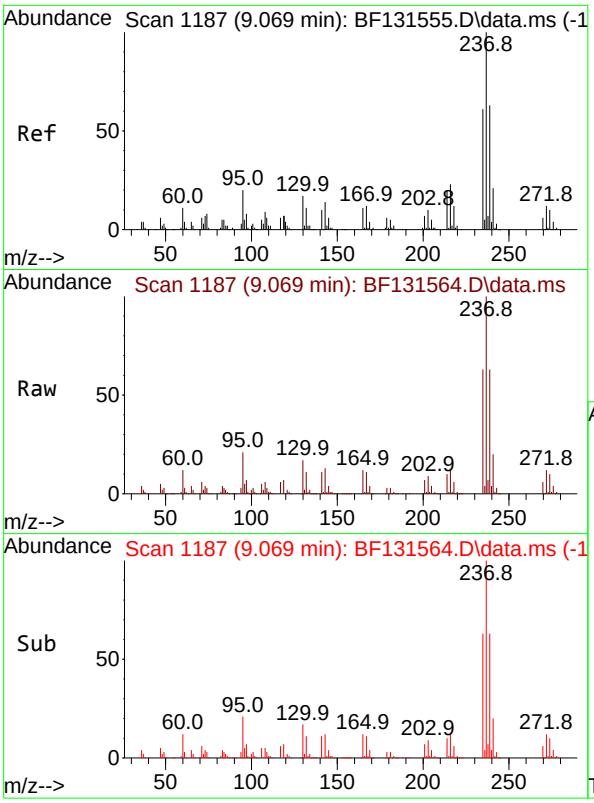


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.052 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:216 Resp: 201300

Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.1	93.1
179	19.8	16.0	24.0
108	20.9	15.2	22.8



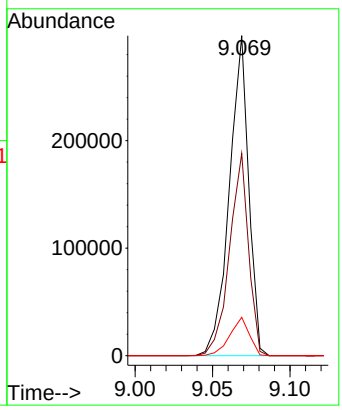


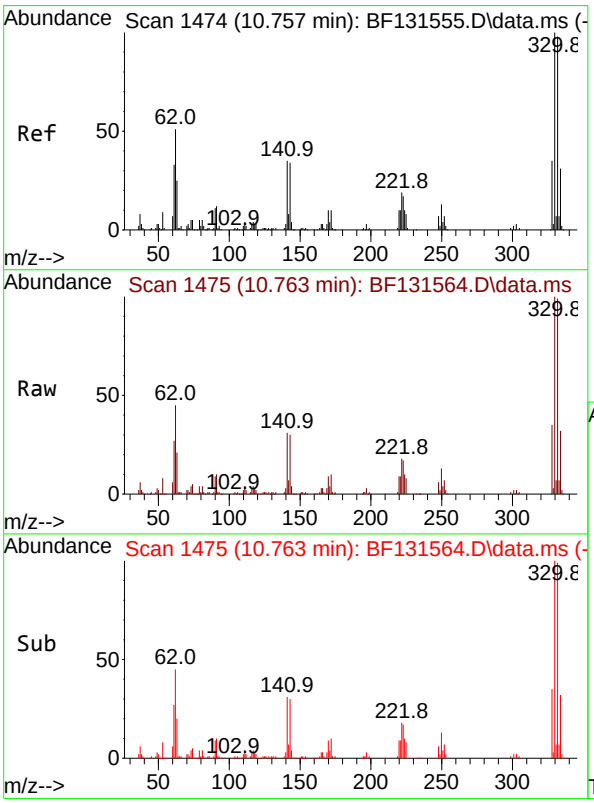
#41
Hexachlorocyclopentadiene
Concen: 95.920 ng
RT: 9.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:237 Resp: 257554

Ion	Ratio	Lower	Upper
237	100		
235	63.2	40.6	80.6
272	12.0	0.0	32.2

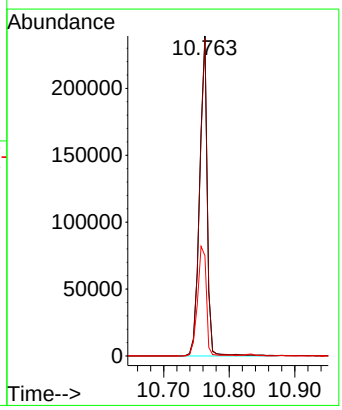


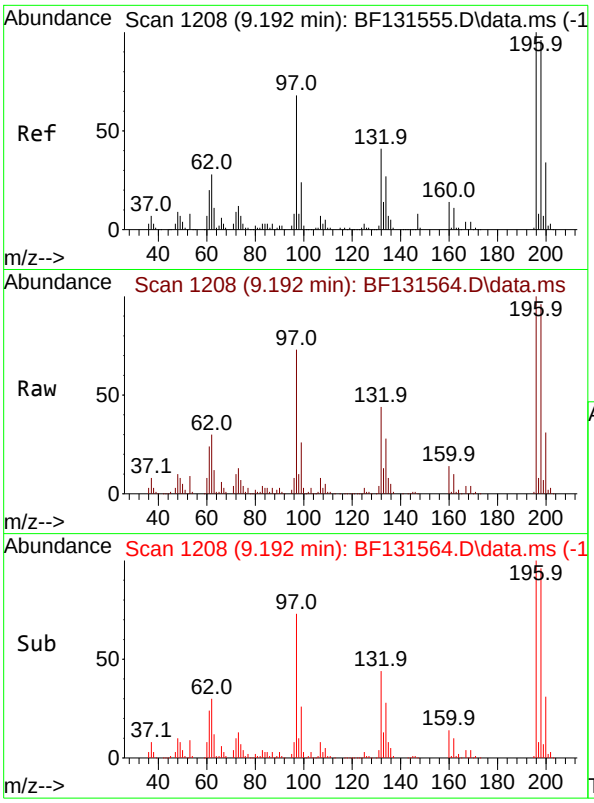


#42
2,4,6-Tribromophenol
Concen: 122.179 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:330 Resp: 193987

Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.3	117.5
141	39.3	32.6	49.0



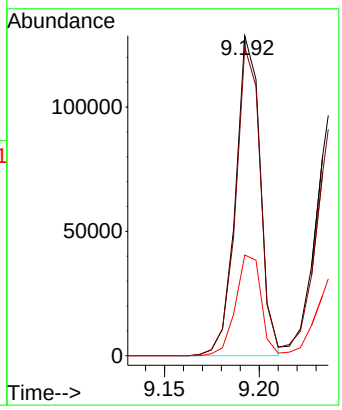


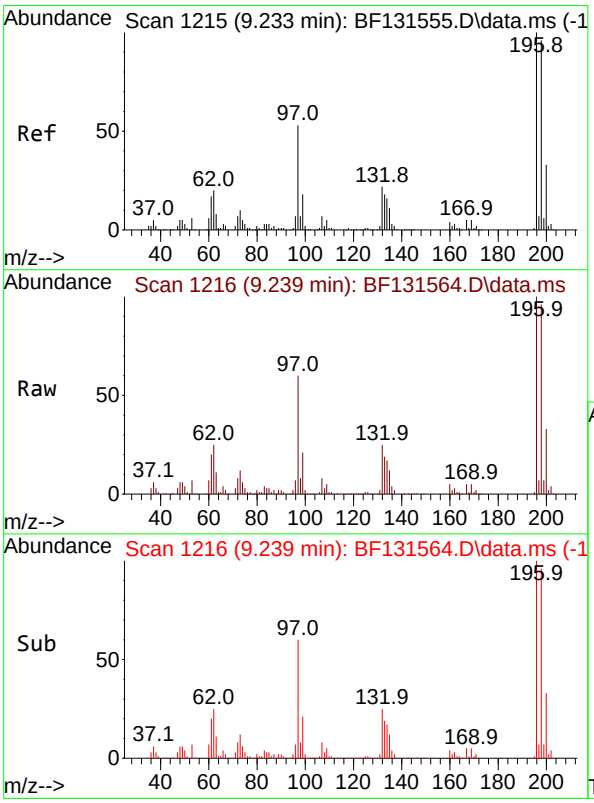
#43
2,4,6-Trichlorophenol
Concen: 35.486 ng
RT: 9.192 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:196 Resp: 116113

Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.9	115.3
200	31.5	26.9	40.3

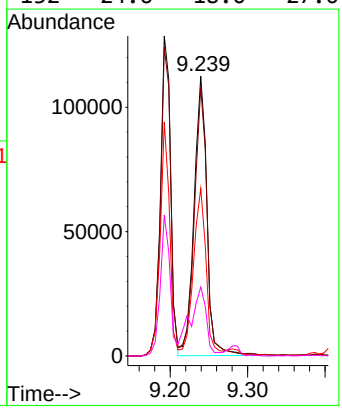


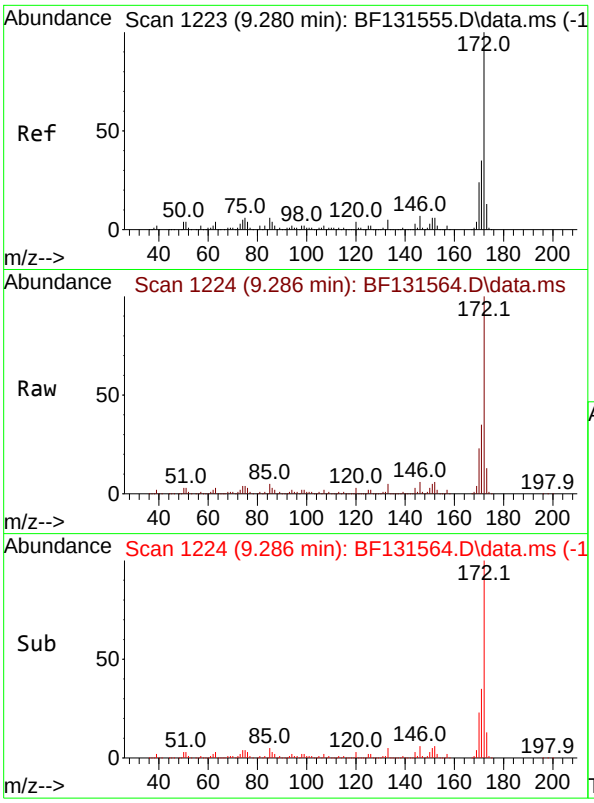


#44
2,4,5-Trichlorophenol
Concen: 36.896 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:196 Resp: 129834

Ion	Ratio	Lower	Upper
196	100		
198	96.1	77.2	115.8
97	59.9	42.2	63.2
132	24.6	18.0	27.0



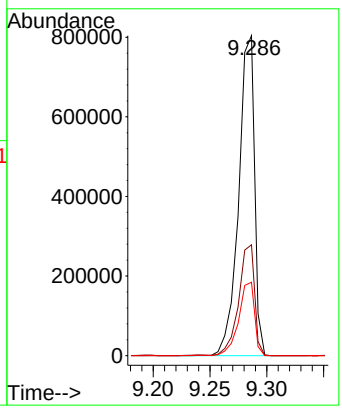


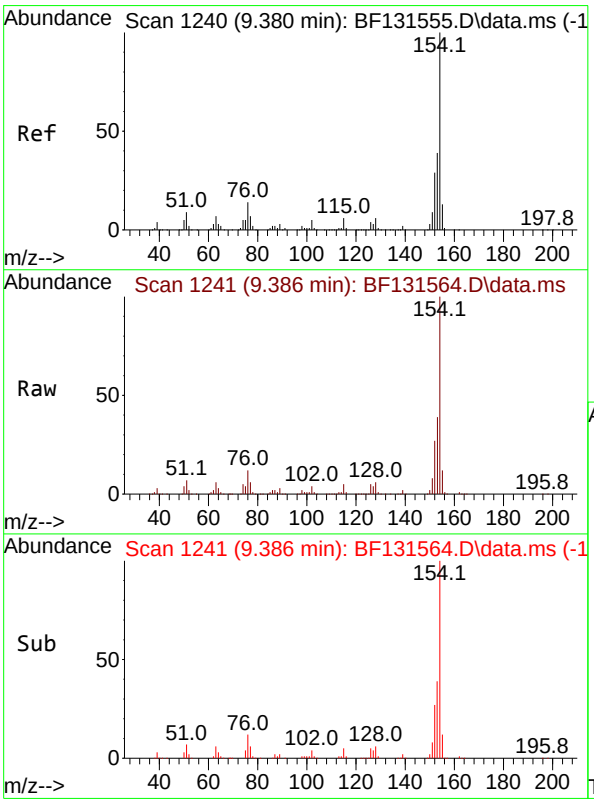
#45
2-Fluorobiphenyl
Concen: 69.092 ng
RT: 9.286 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:172 Resp: 783078

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.3	42.5
170	23.0	19.3	28.9

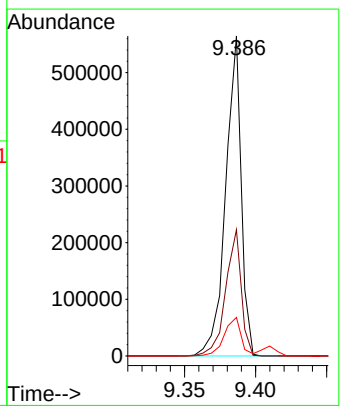


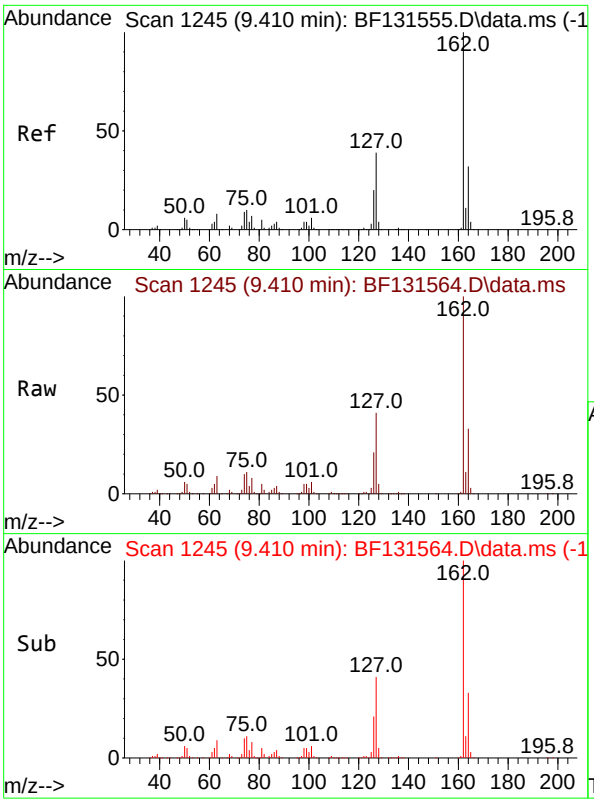


#46
1,1'-Biphenyl
Concen: 37.918 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:154 Resp: 428436

Ion	Ratio	Lower	Upper
154	100		
153	39.5	19.4	59.4
76	12.0	0.0	34.0



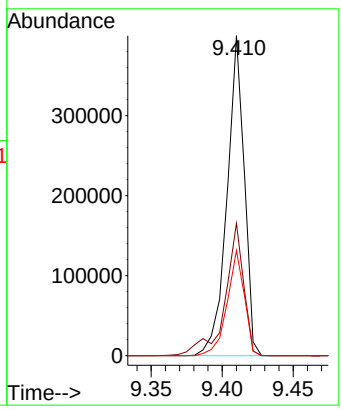


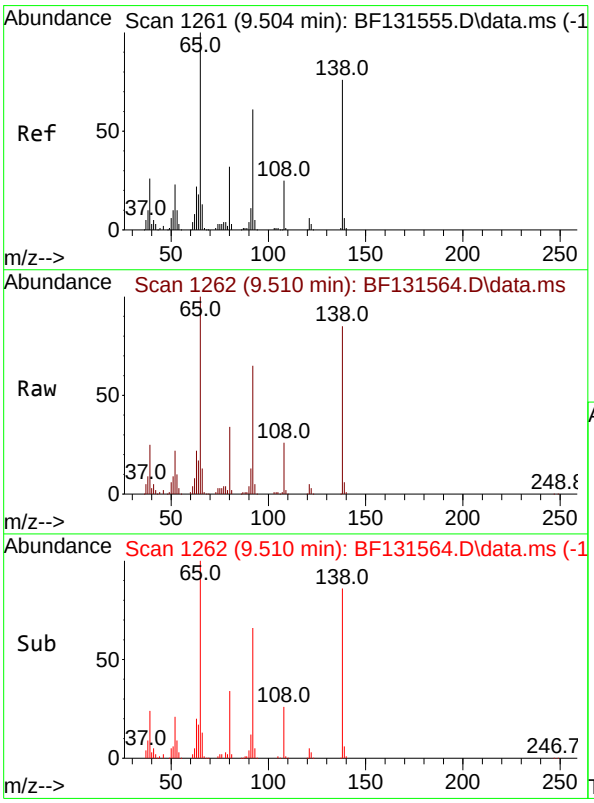
#47
2-Chloronaphthalene
Concen: 36.709 ng
RT: 9.410 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:162 Resp: 337929

Ion	Ratio	Lower	Upper
162	100		
127	41.4	31.4	47.2
164	32.8	25.8	38.8

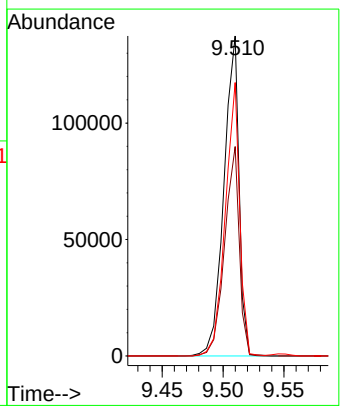


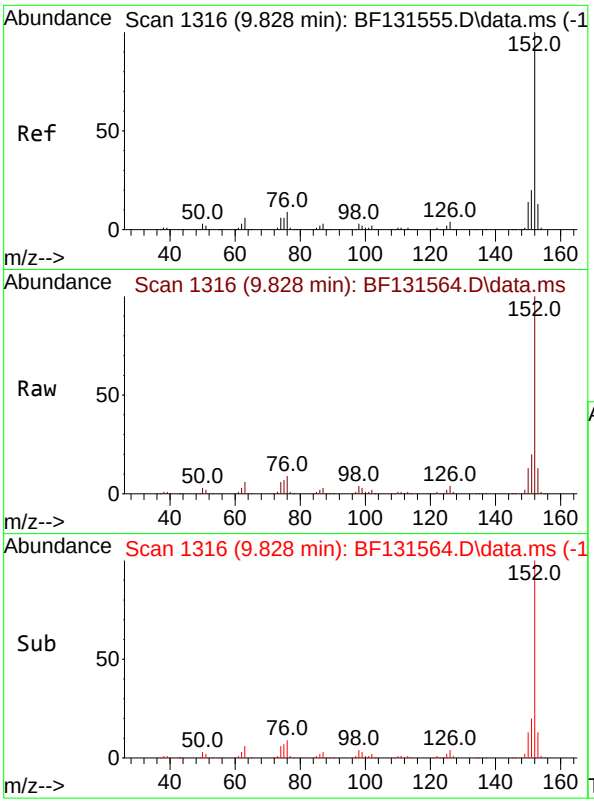


#48
2-Nitroaniline
Concen: 36.589 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion: 65 Resp: 119318

Ion	Ratio	Lower	Upper
65	100		
92	65.4	49.2	73.8
138	85.5	60.7	91.1



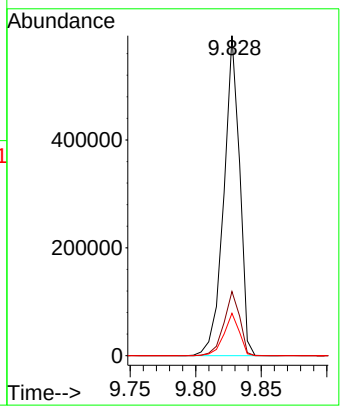


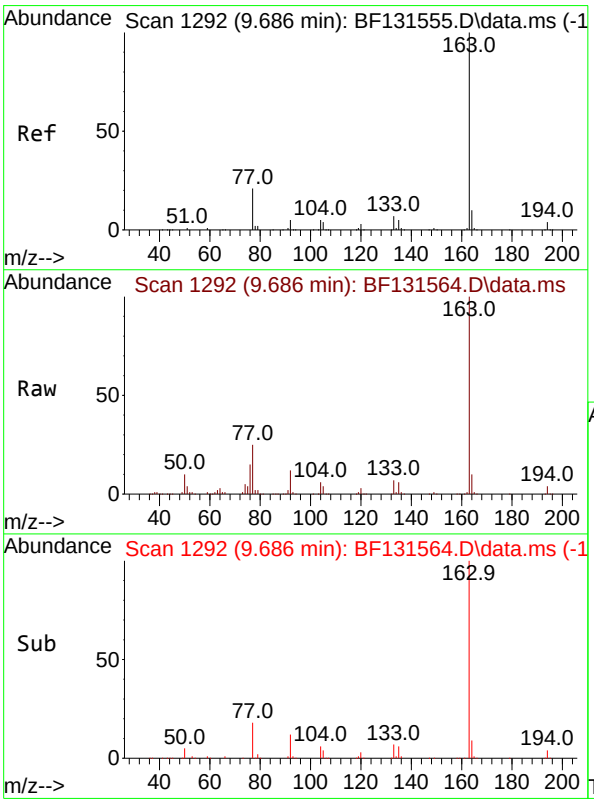
#49
Acenaphthylene
Concen: 36.710 ng
RT: 9.828 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:152 Resp: 496202

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.6	23.4
153	13.3	10.4	15.6

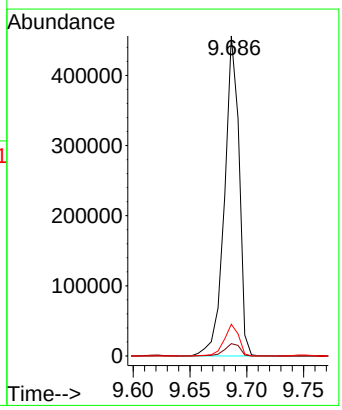


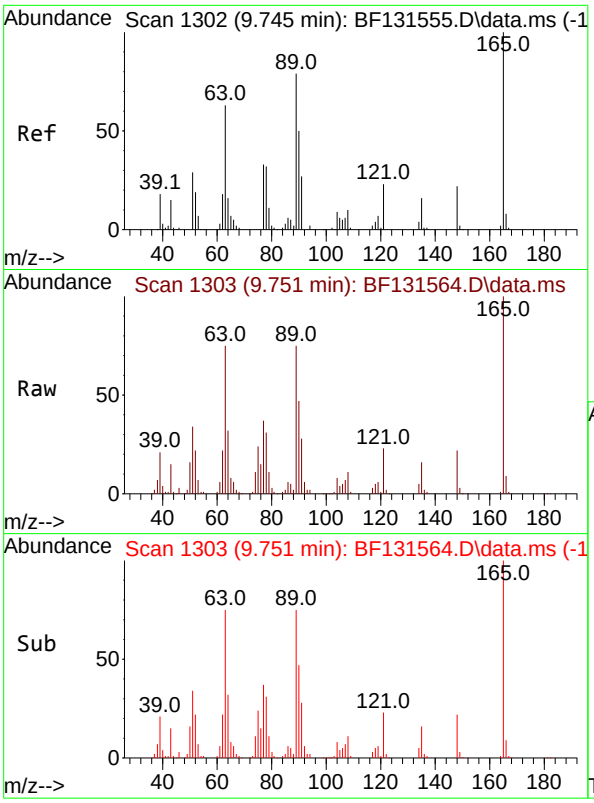


#50
Dimethylphthalate
Concen: 37.541 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:163 Resp: 408967

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.9	7.8	11.6



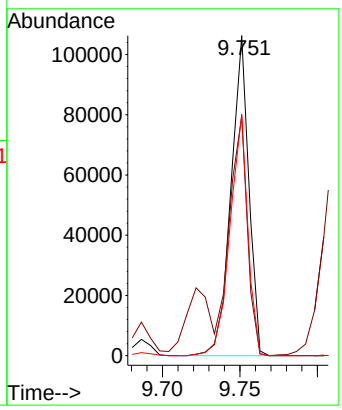


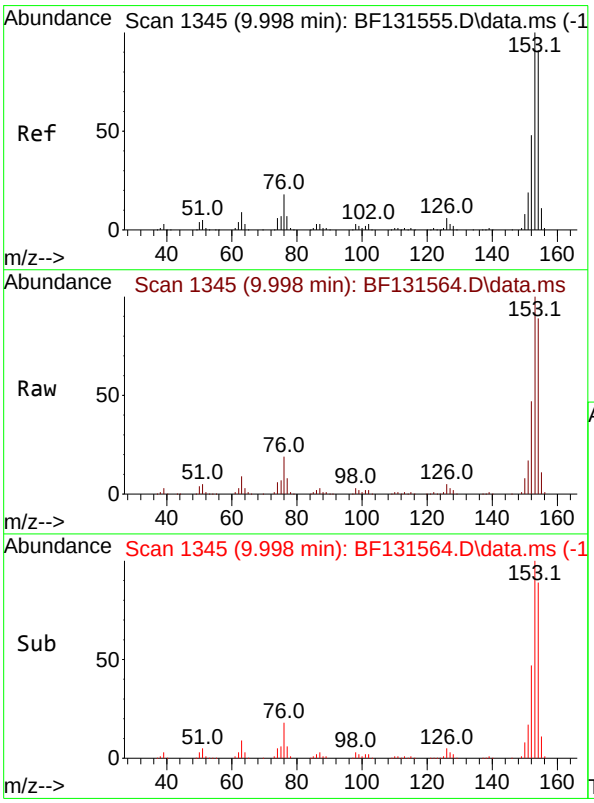
#51
2,6-Dinitrotoluene
Concen: 37.731 ng
RT: 9.751 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:165 Resp: 84858

Ion	Ratio	Lower	Upper
165	100		
63	74.8	67.9	101.9
89	75.4	63.2	94.8

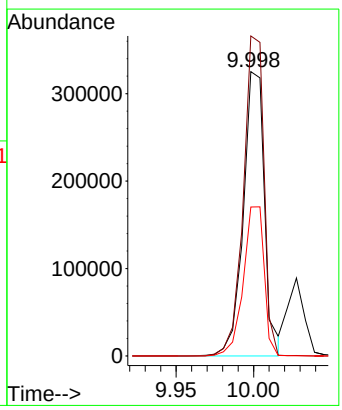


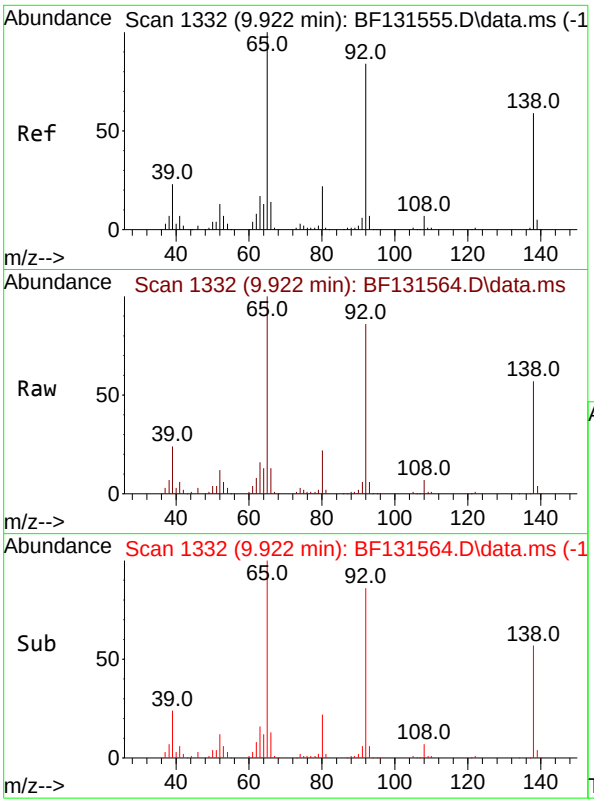


#52
Acenaphthene
Concen: 34.086 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:154 Resp: 308653

Ion	Ratio	Lower	Upper
154	100		
153	112.6	87.9	131.9
152	52.4	42.4	63.6



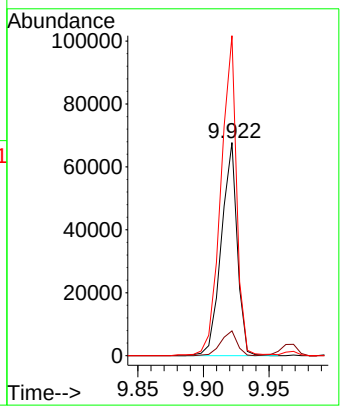


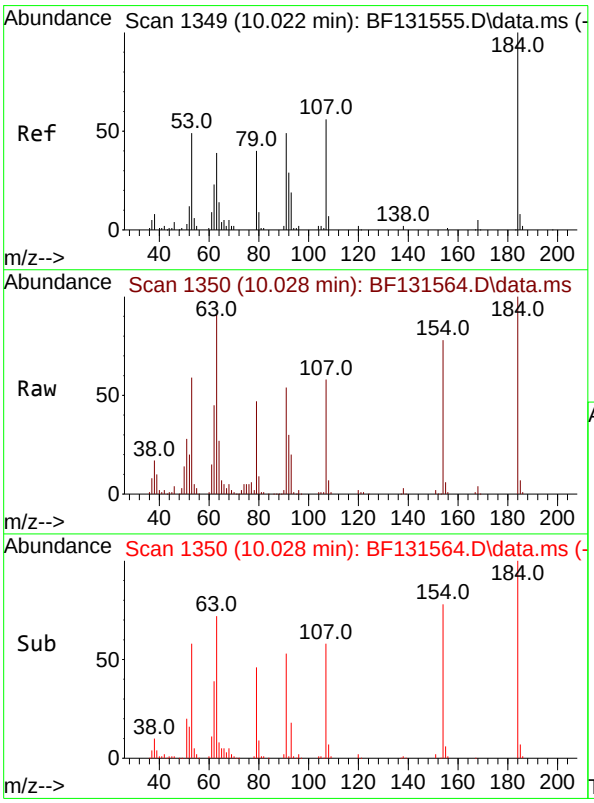
#53
3-Nitroaniline
Concen: 26.374 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:138 Resp: 56910

Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.6	14.4
92	150.1	113.4	170.0

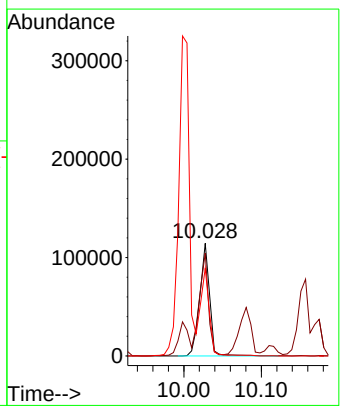


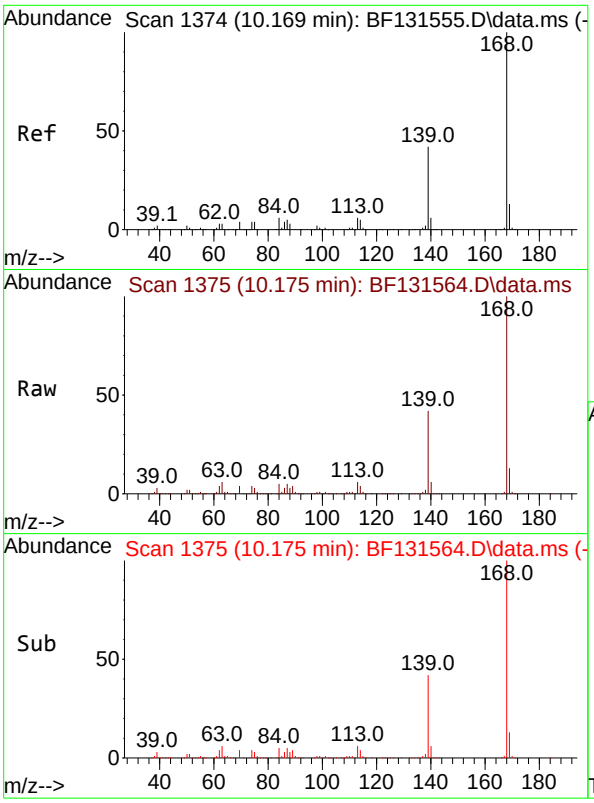


#54
2,4-Dinitrophenol
Concen: 79.246 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:184 Resp: 101973

Ion	Ratio	Lower	Upper
184	100		
63	91.3	60.7	91.1#
154	77.9	59.0	88.6



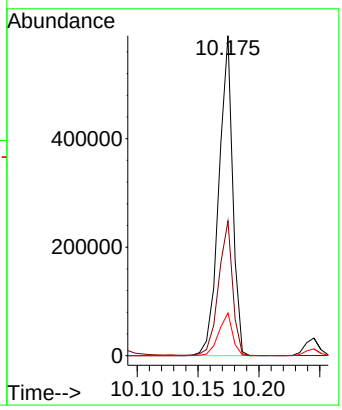


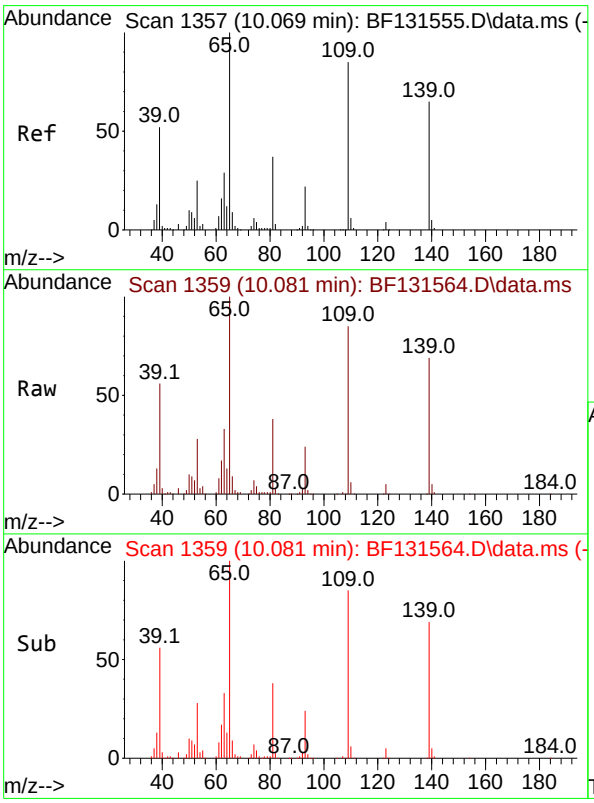
#55
Dibenzofuran
Concen: 36.563 ng
RT: 10.175 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:168 Resp: 467796

Ion	Ratio	Lower	Upper
168	100		
139	42.1	33.9	50.9
169	13.4	10.7	16.1

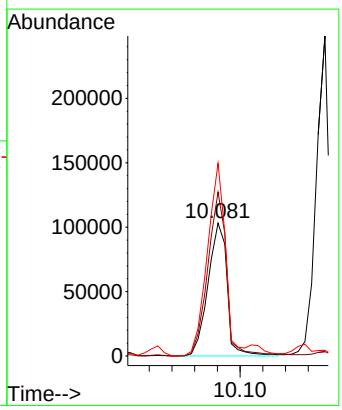


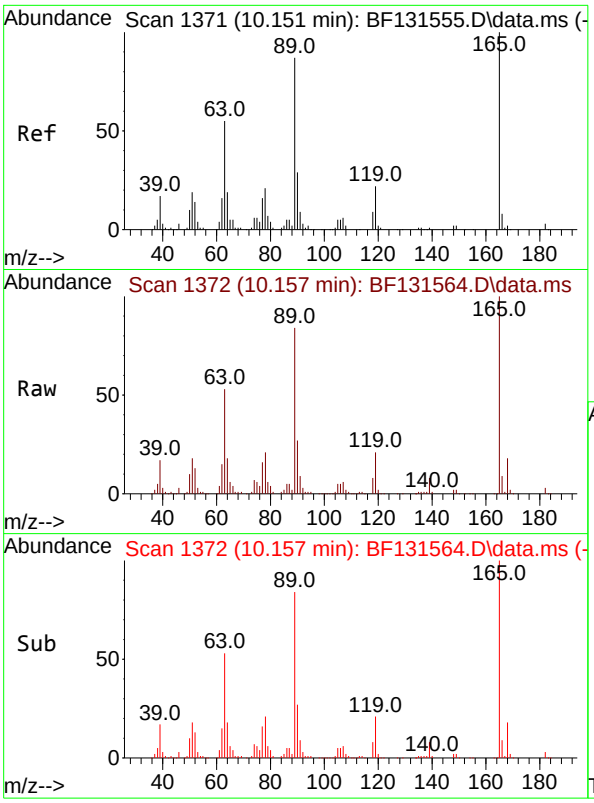


#56
4-Nitrophenol
Concen: 80.499 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.012 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:139 Resp: 120671

Ion	Ratio	Lower	Upper
139	100		
109	123.3	110.2	150.2
65	145.0	133.3	173.3



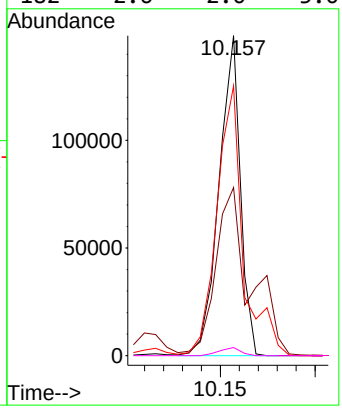


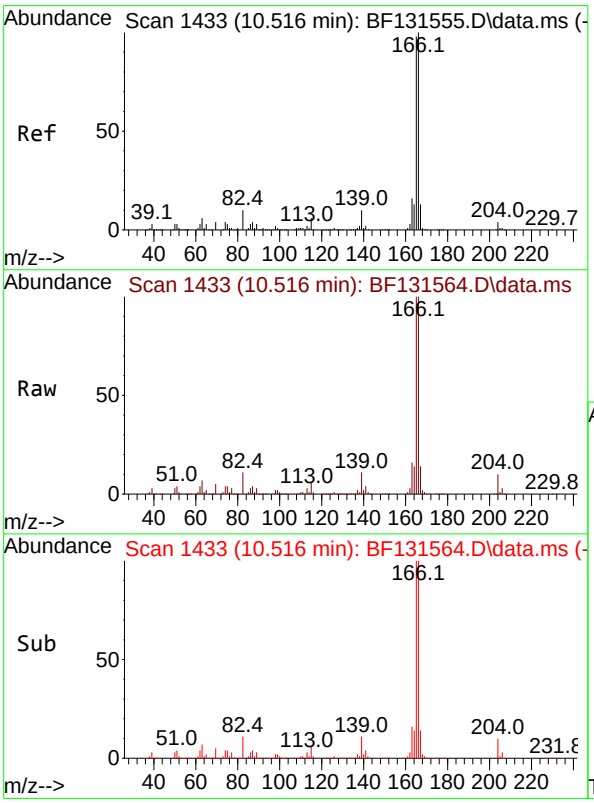
#57
2,4-Dinitrotoluene
Concen: 39.138 ng
RT: 10.157 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:165 Resp: 116765

Ion	Ratio	Lower	Upper
165	100		
63	52.6	44.4	66.6
89	84.3	69.6	104.4
182	2.6	2.0	3.0

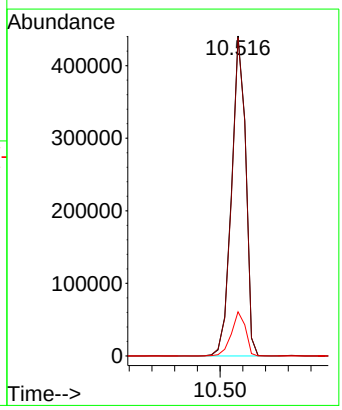


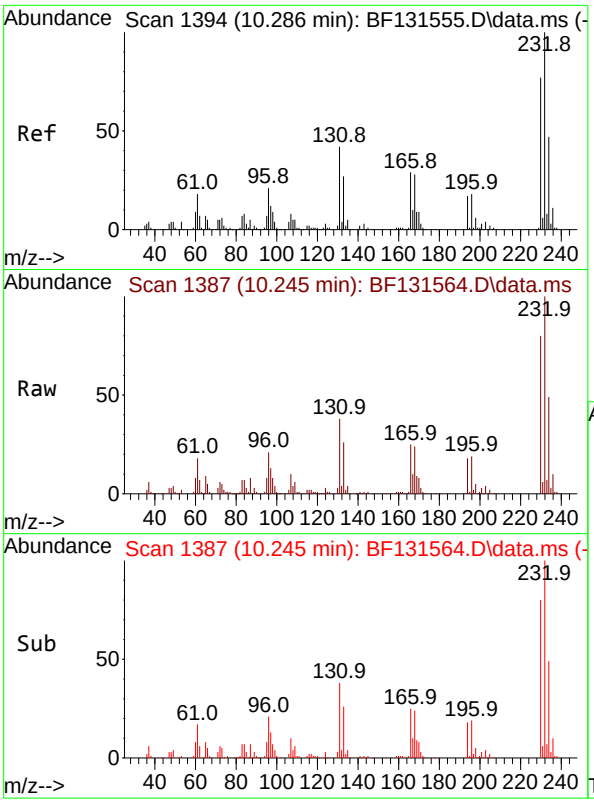


#58
Fluorene
Concen: 36.535 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:166 Resp: 380004

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.4	117.6
167	13.8	10.7	16.1



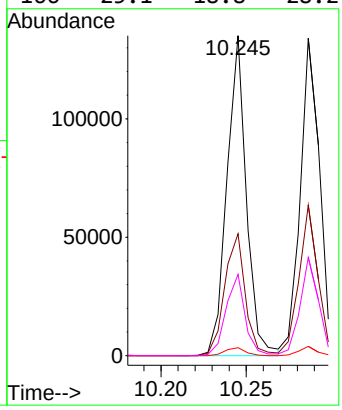


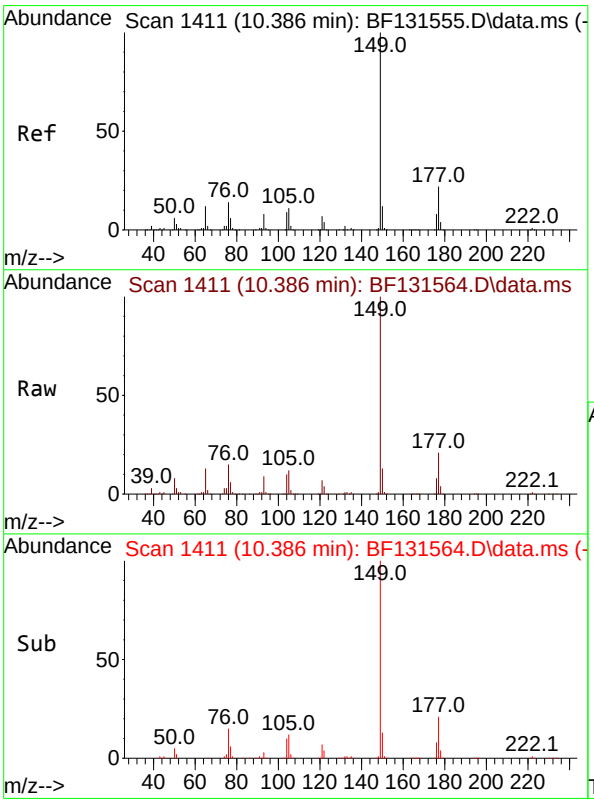
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.033 ng
RT: 10.245 min Scan# 1
Delta R.T. -0.041 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:232 Resp: 107372

Ion	Ratio	Lower	Upper
232	100		
131	40.6	31.0	46.6
130	2.6	1.8	2.8
166	25.1	18.8	28.2

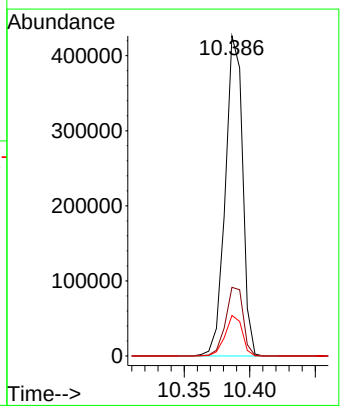


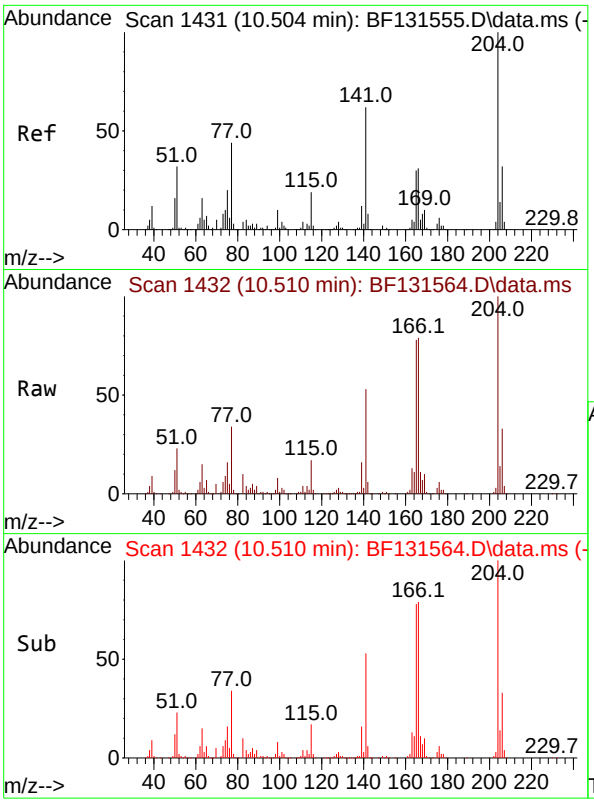


#60
Diethylphthalate
Concen: 37.370 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:149 Resp: 390671

Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.4	26.2
150	12.6	9.7	14.5



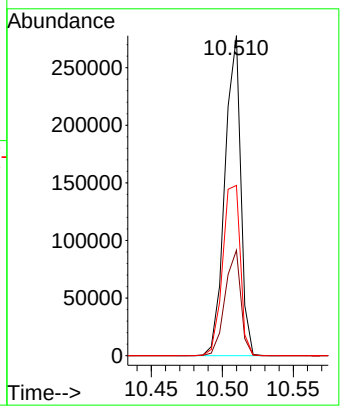


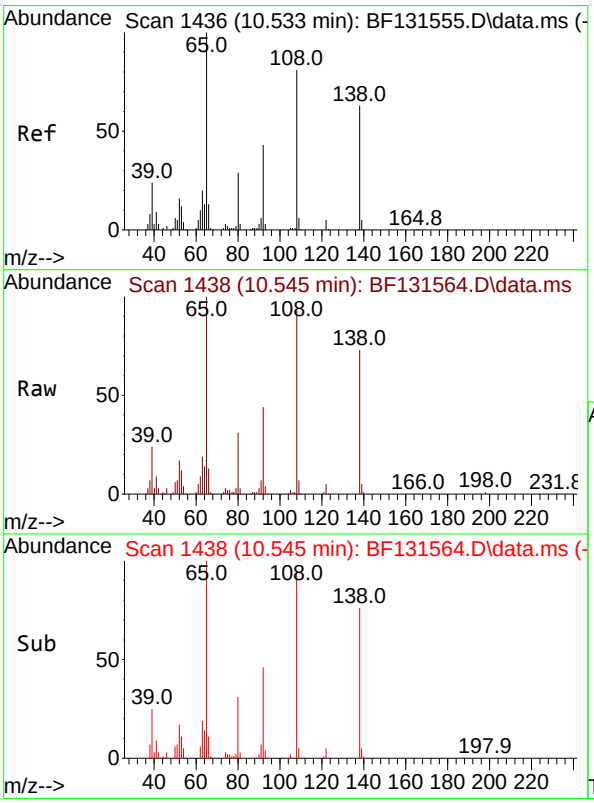
#61
4-Chlorophenyl-phenylether
Concen: 37.394 ng
RT: 10.510 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:204 Resp: 214939

Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.4	38.2
141	53.2	49.5	74.3

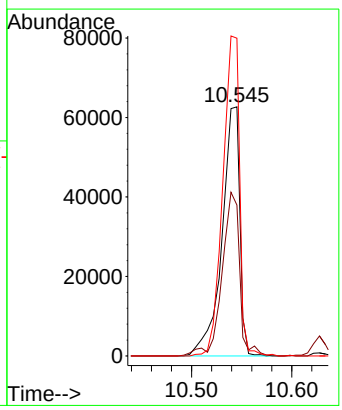


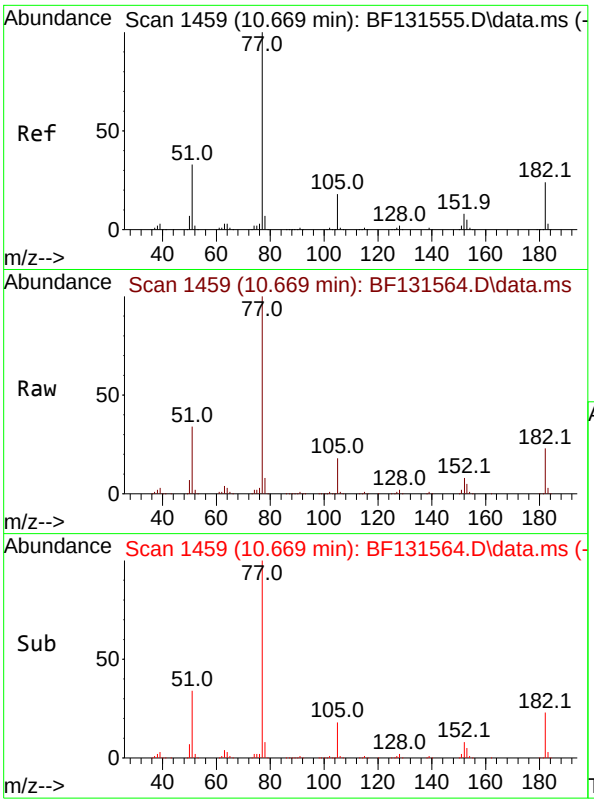


#62
4-Nitroaniline
Concen: 36.191 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.012 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:138 Resp: 77388

Ion	Ratio	Lower	Upper
138	100		
92	60.6	47.5	87.5
108	127.6	108.8	148.8



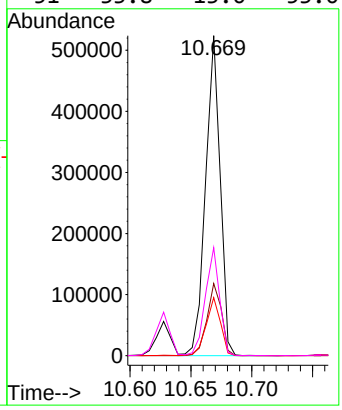


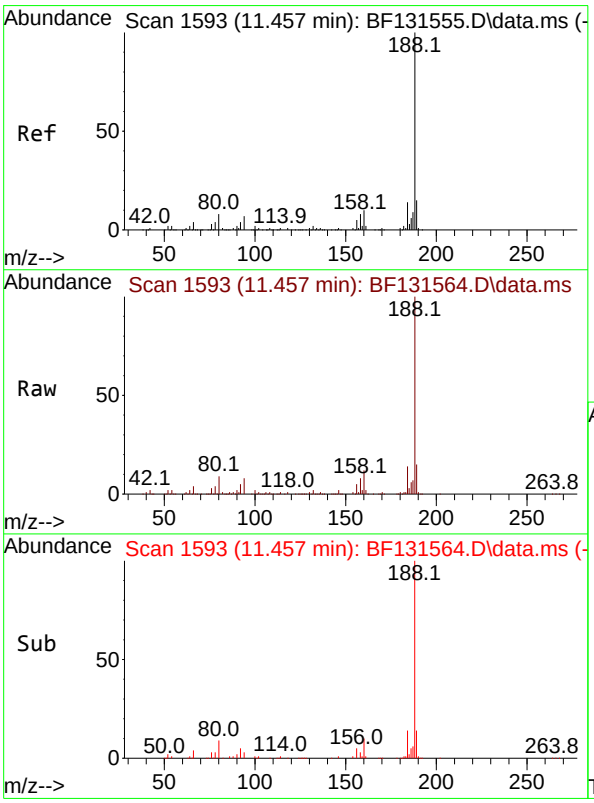
#63
Azobenzene
Concen: 36.574 ng
RT: 10.669 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion: 77 Resp: 436101

Ion	Ratio	Lower	Upper
77	100		
182	22.6	3.9	43.9
105	18.2	0.0	38.3
51	33.8	13.0	53.0

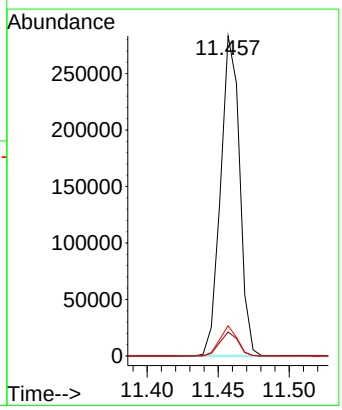


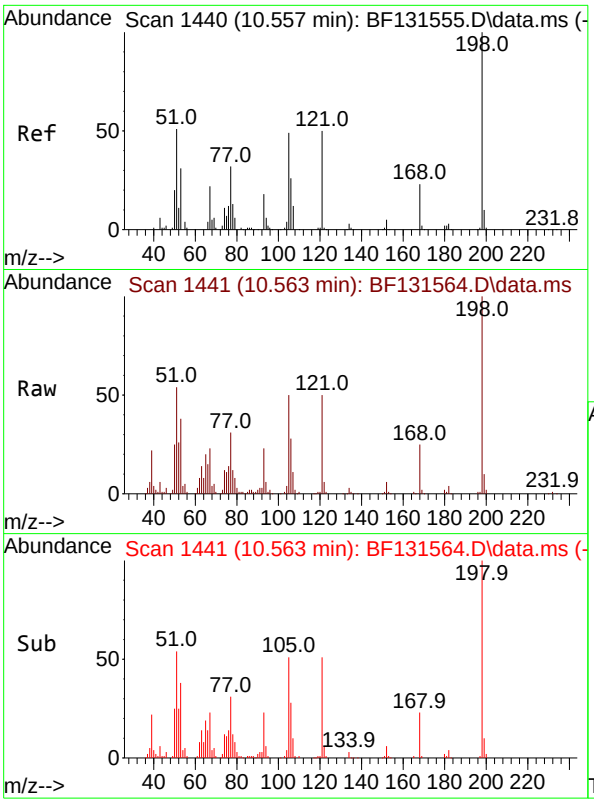


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:188 Resp: 263767

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.5	8.3
80	9.5	6.6	10.0



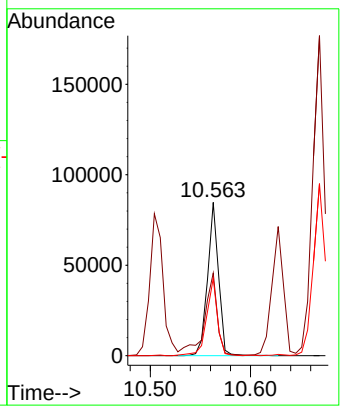


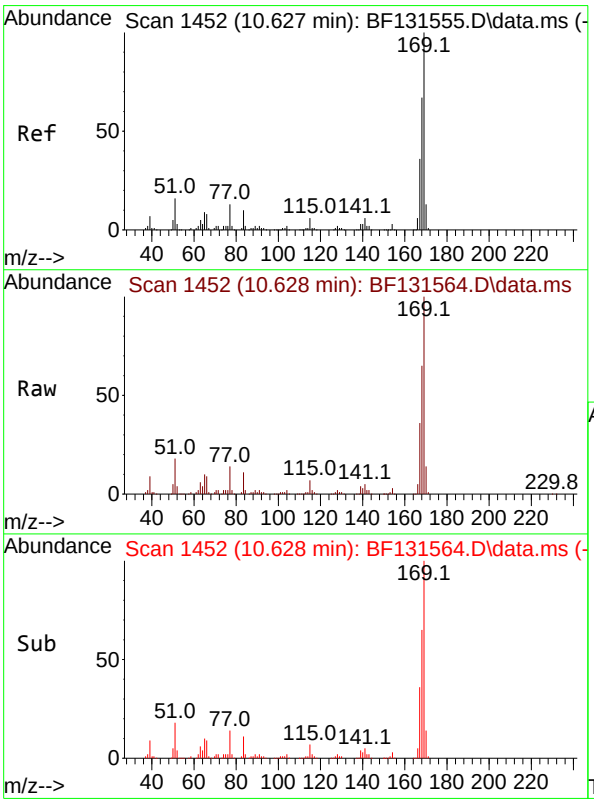
#65
4,6-Dinitro-2-methylphenol
Concen: 38.708 ng
RT: 10.563 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:198 Resp: 64667

Ion	Ratio	Lower	Upper
198	100		
51	53.9	36.7	76.7
105	50.4	29.9	69.9

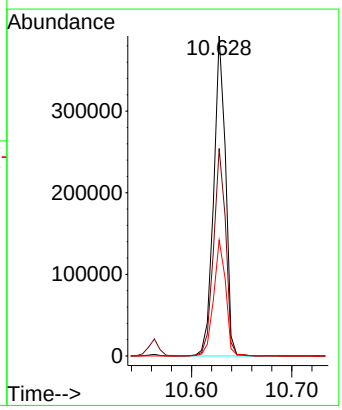


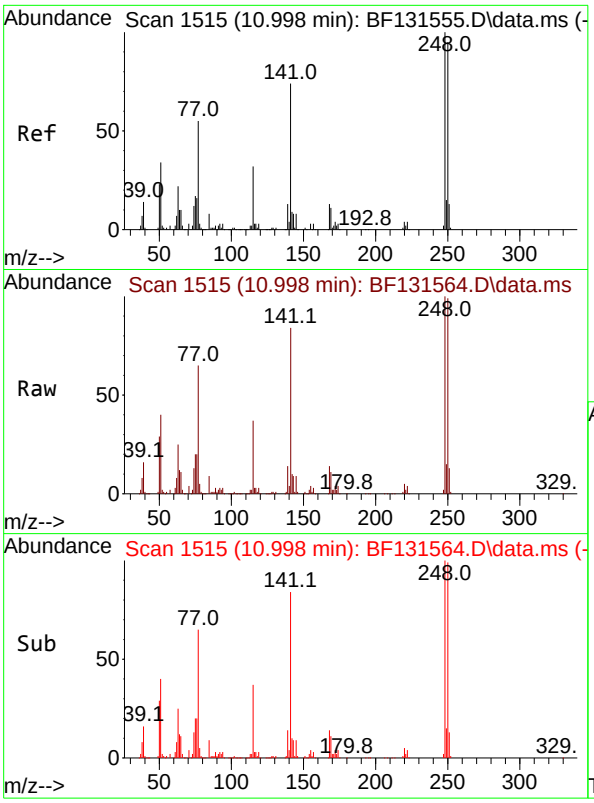


#66
n-Nitrosodiphenylamine
Concen: 37.611 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:169 Resp: 320722

Ion	Ratio	Lower	Upper
169	100		
168	64.8	53.8	80.6
167	36.2	29.1	43.7



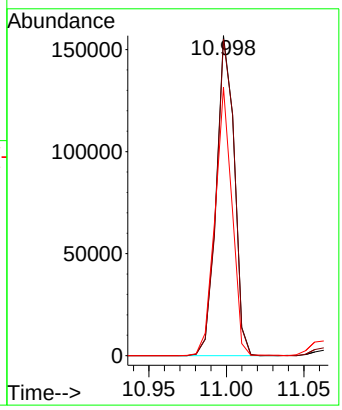


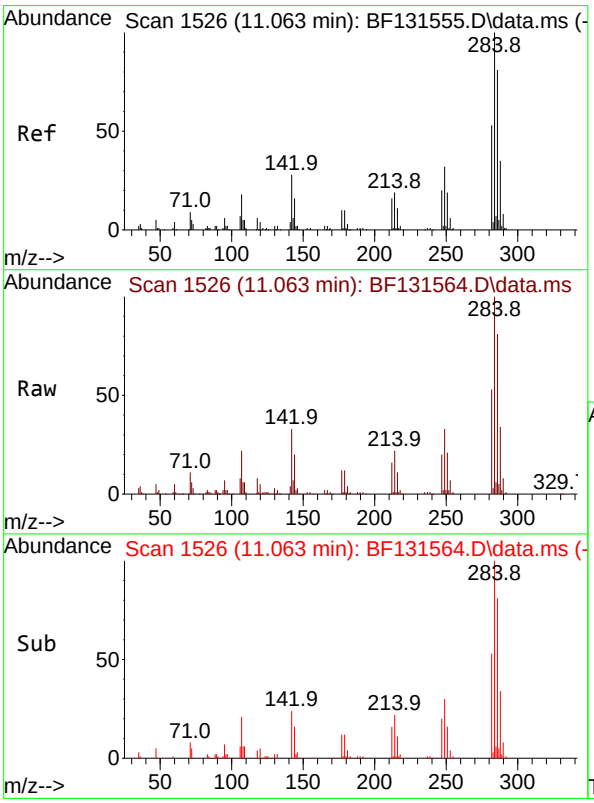
#67
4-Bromophenyl-phenylether
Concen: 37.290 ng
RT: 10.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:248 Resp: 126531

Ion	Ratio	Lower	Upper
248	100		
250	98.9	76.2	114.2
141	83.8	59.5	89.3

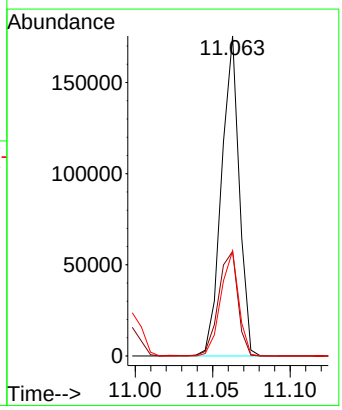


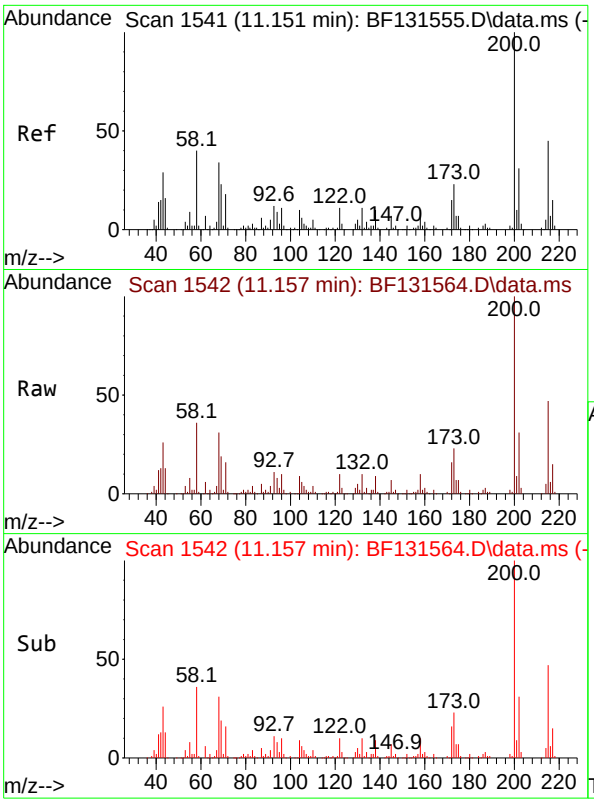


#68
Hexachlorobenzene
Concen: 38.005 ng
RT: 11.063 min Scan# 1526
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:284 Resp: 139487

Ion	Ratio	Lower	Upper
284	100		
142	32.6	22.3	33.5
249	32.8	25.4	38.2



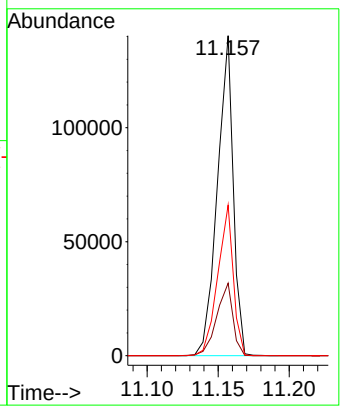


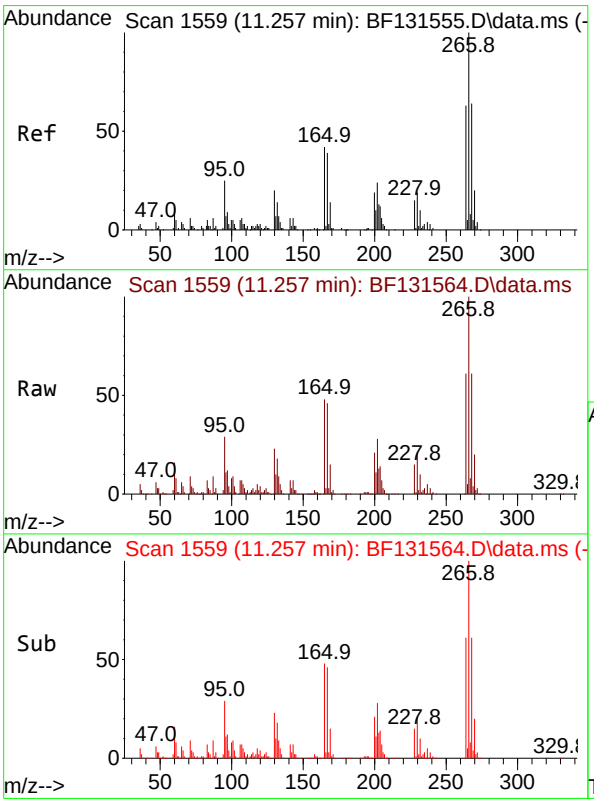
#69
Atrazine
Concen: 40.126 ng
RT: 11.157 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:200 Resp: 108658

Ion	Ratio	Lower	Upper
200	100		
173	22.7	3.4	43.4
215	47.0	25.0	65.0

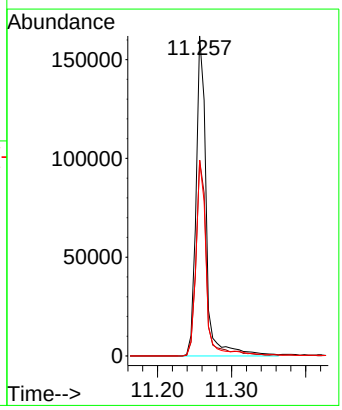


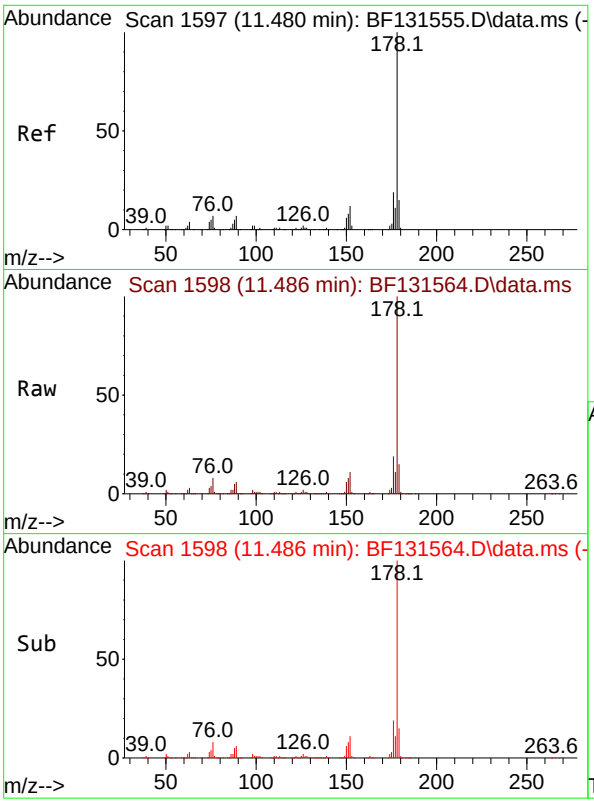


#70
Pentachlorophenol
Concen: 81.818 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:266 Resp: 154595

Ion	Ratio	Lower	Upper
266	100		
268	61.2	51.5	77.3
264	61.1	50.7	76.1



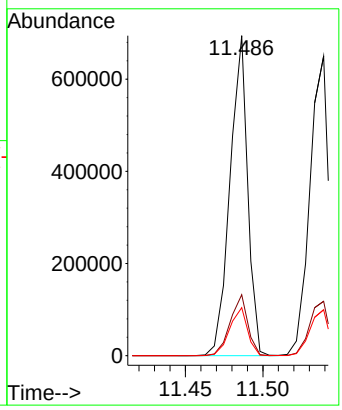


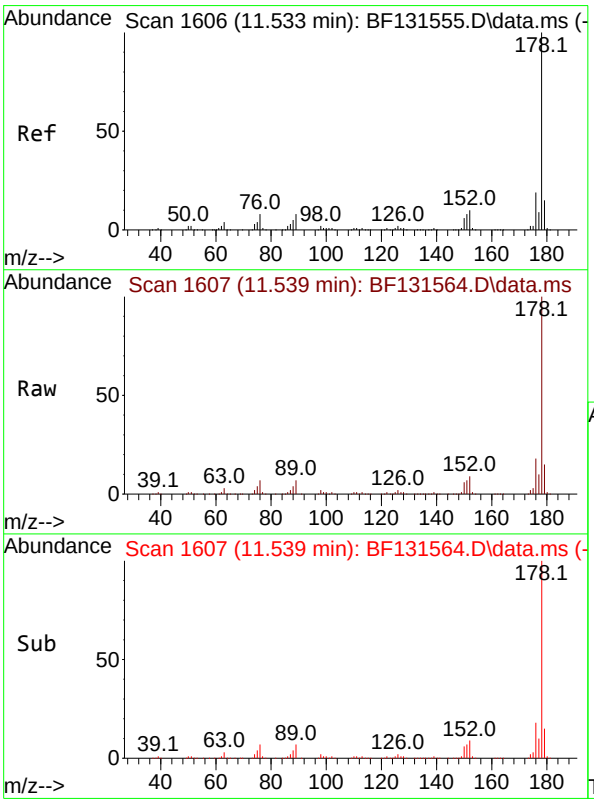
#71
Phenanthrene
Concen: 37.559 ng
RT: 11.486 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:178 Resp: 552193

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.0	12.2	18.4

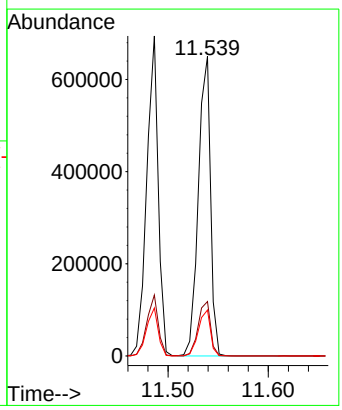


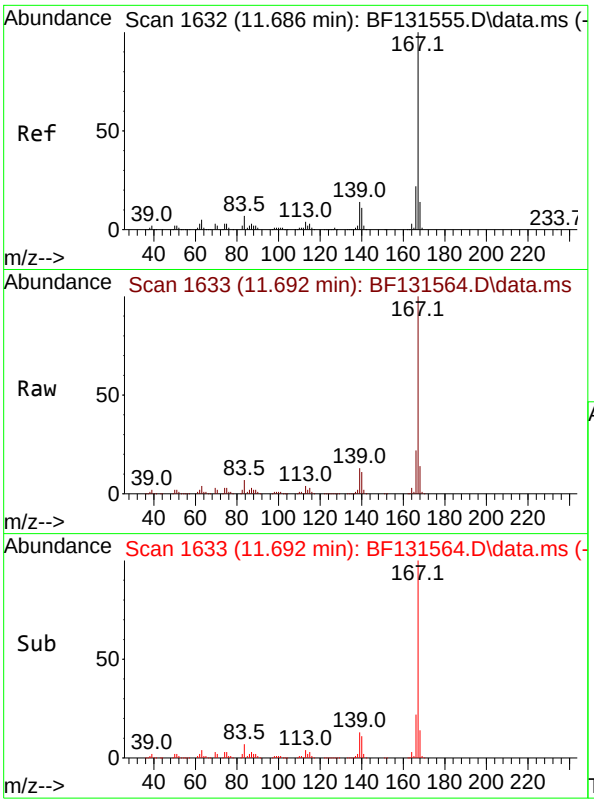


#72
Anthracene
Concen: 38.449 ng
RT: 11.539 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:178 Resp: 549970

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.6
179	15.3	12.3	18.5



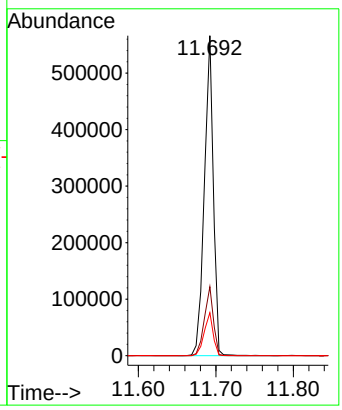


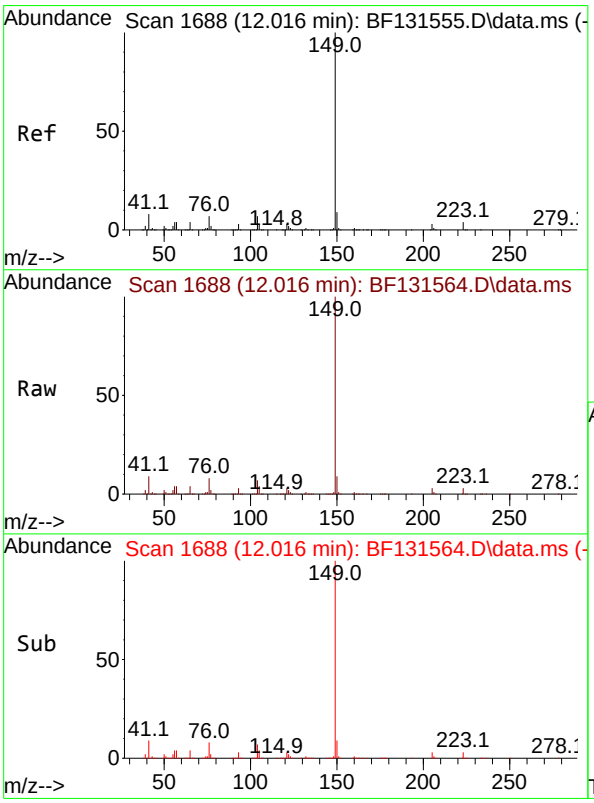
#73
Carbazole
Concen: 39.018 ng
RT: 11.692 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:167 Resp: 455548

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	13.5	11.0	16.4

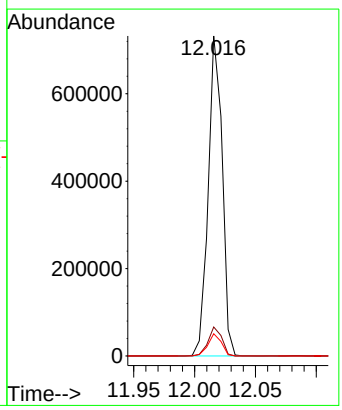


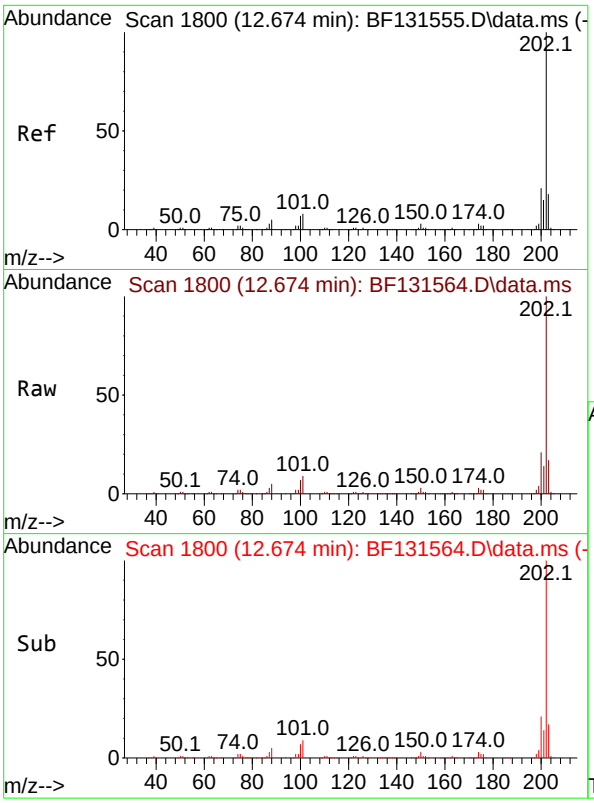


#74
Di-n-butylphthalate
Concen: 40.664 ng
RT: 12.016 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:149 Resp: 582454

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	6.9	5.2	7.8



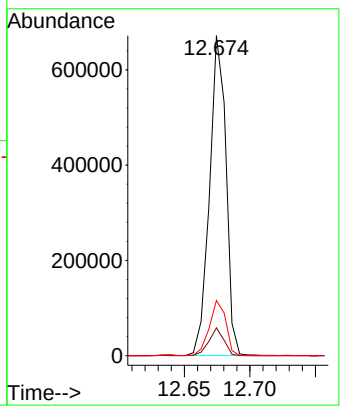


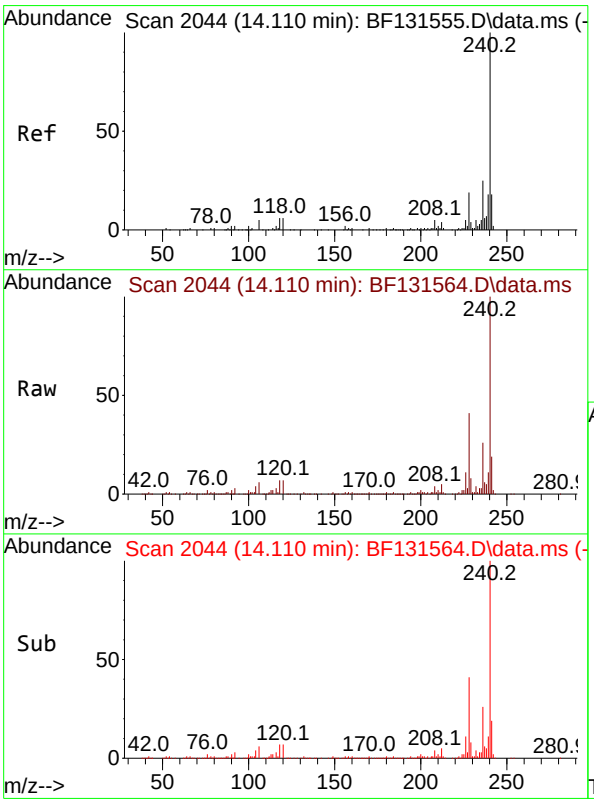
#75
Fluoranthene
Concen: 38.711 ng
RT: 12.674 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:202 Resp: 586057

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	27.7
203	17.3	0.0	37.7

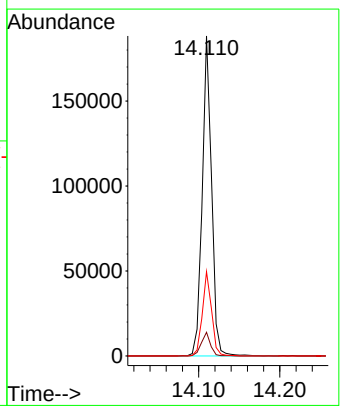


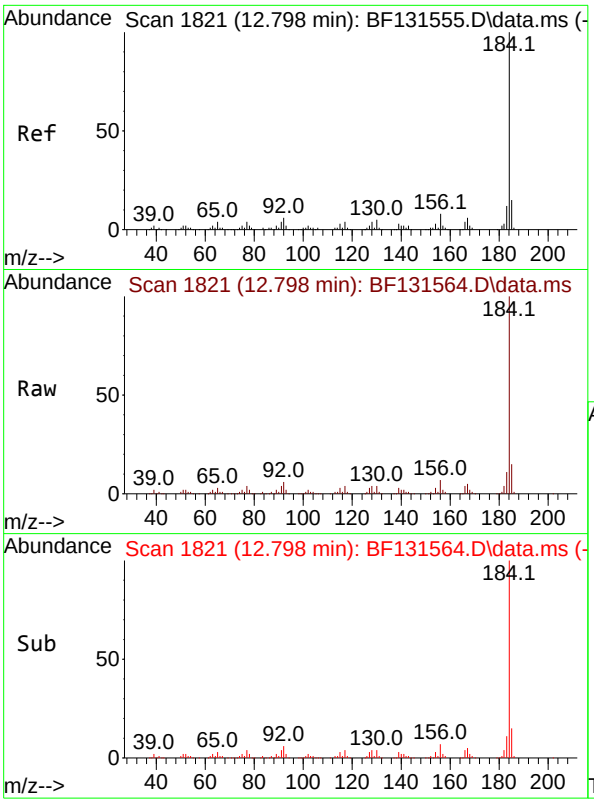


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:240 Resp: 150008

Ion	Ratio	Lower	Upper
240	100		
120	7.4	4.6	7.0#
236	26.4	20.2	30.2



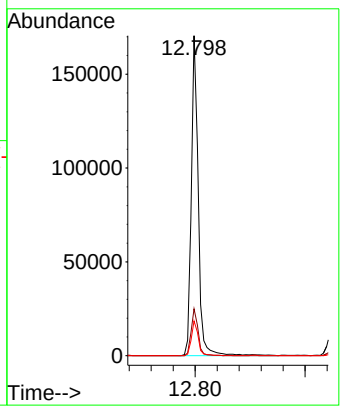


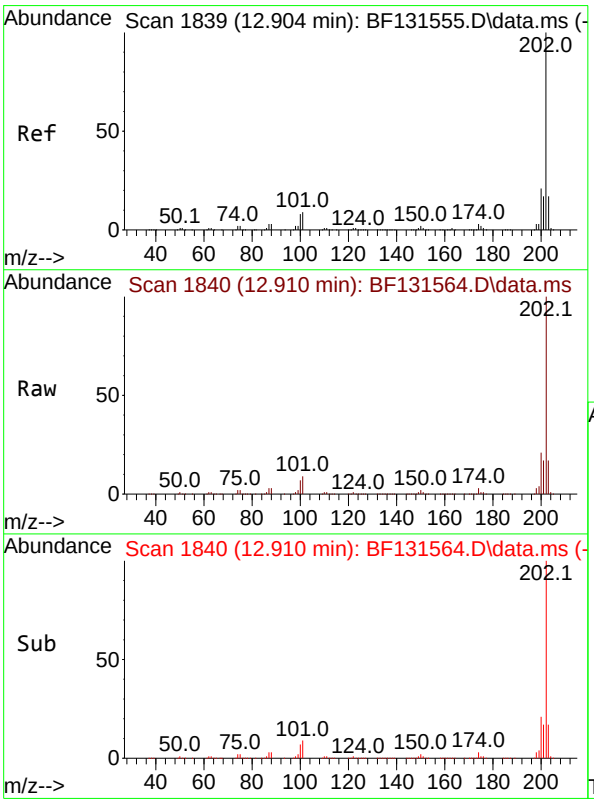
#77
Benzidine
Concen: 36.876 ng
RT: 12.798 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:184 Resp: 148214

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.2	18.2
183	10.8	9.3	13.9

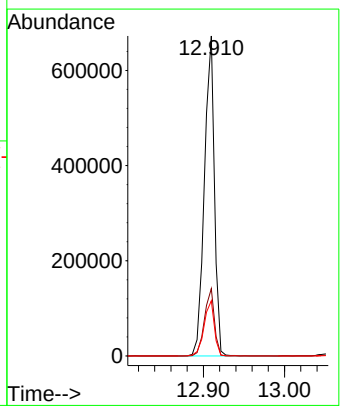


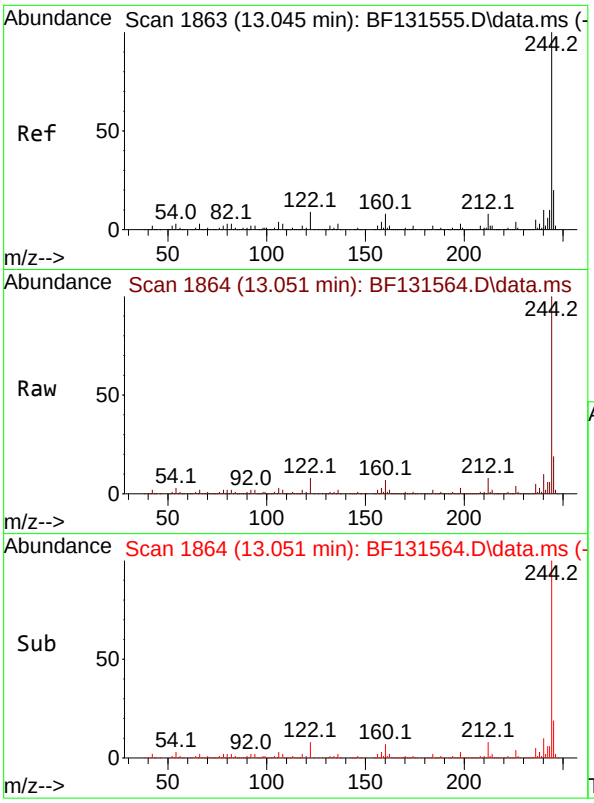


#78
Pyrene
Concen: 38.848 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:202 Resp: 574623

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.2	13.8	20.6



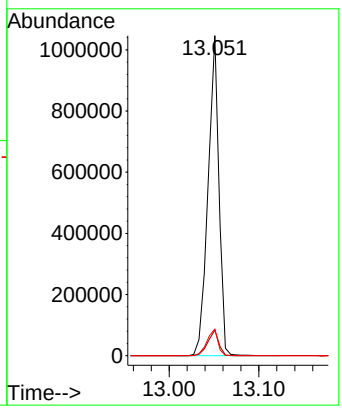


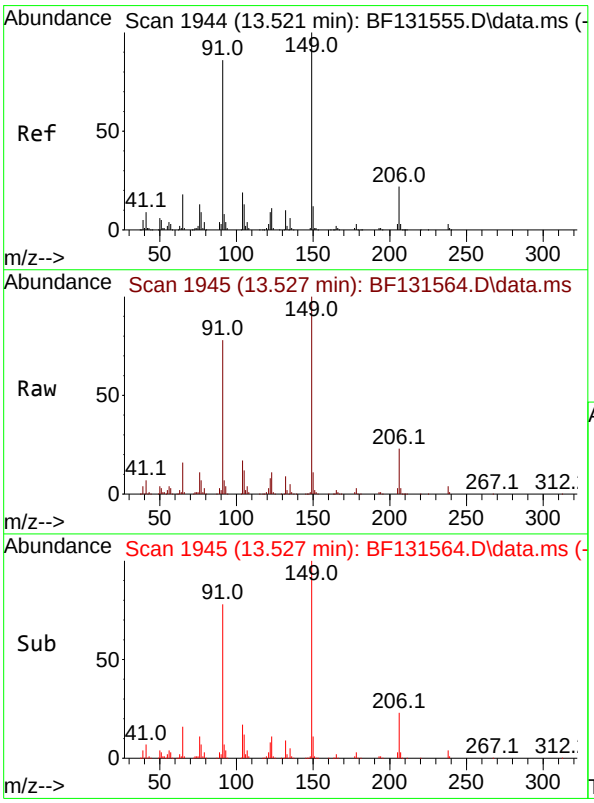
#79
Terphenyl-d14
Concen: 80.910 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:244 Resp: 885020

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	8.3	7.1	10.7

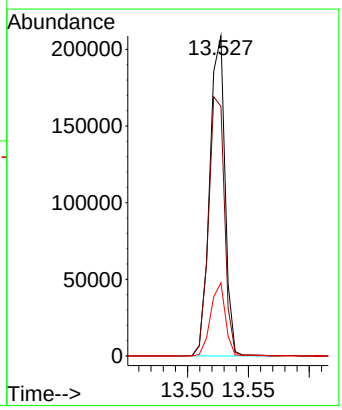


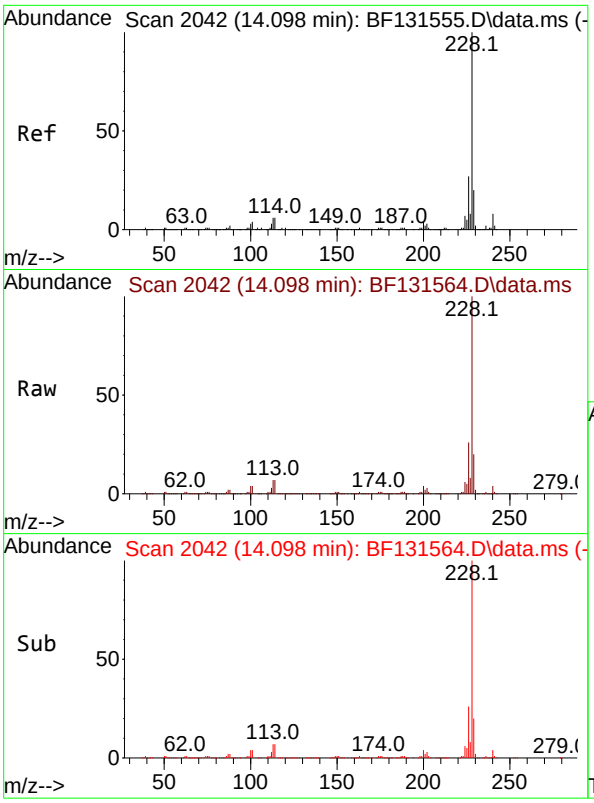


#80
Butylbenzylphthalate
Concen: 42.405 ng
RT: 13.527 min Scan# 1945
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:149 Resp: 181520

Ion	Ratio	Lower	Upper
149	100		
91	78.0	69.0	103.4
206	22.8	17.8	26.8



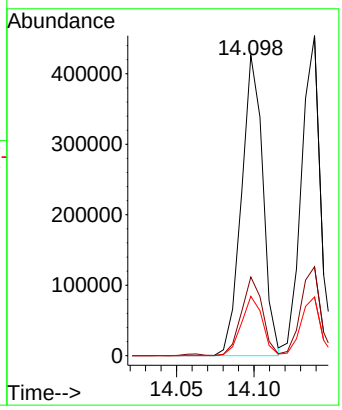


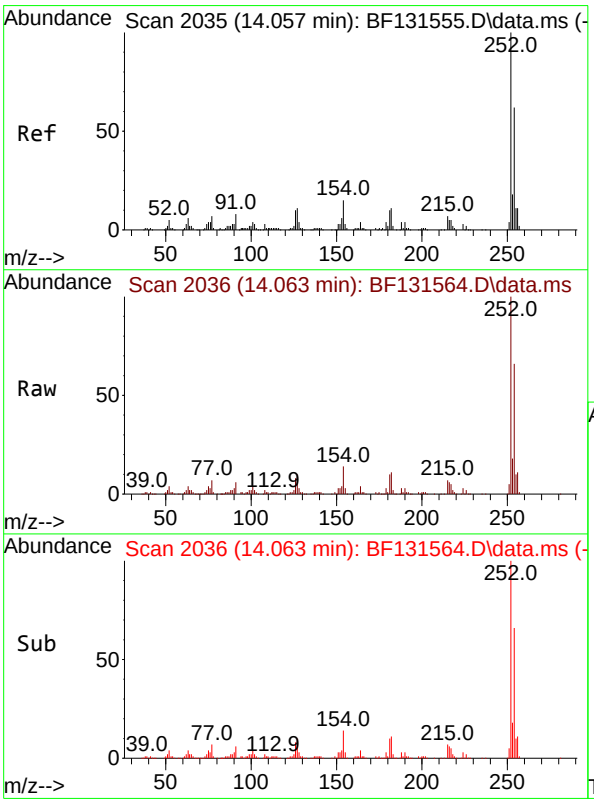
#81
Benzo(a)anthracene
Concen: 37.811 ng
RT: 14.098 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:228 Resp: 409601

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.5	32.3
229	19.8	15.8	23.6

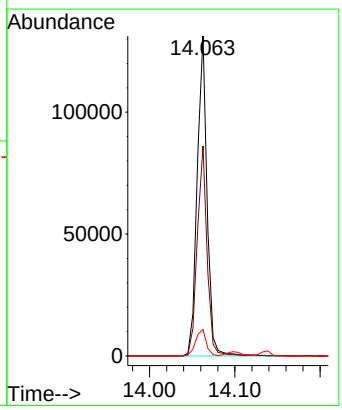


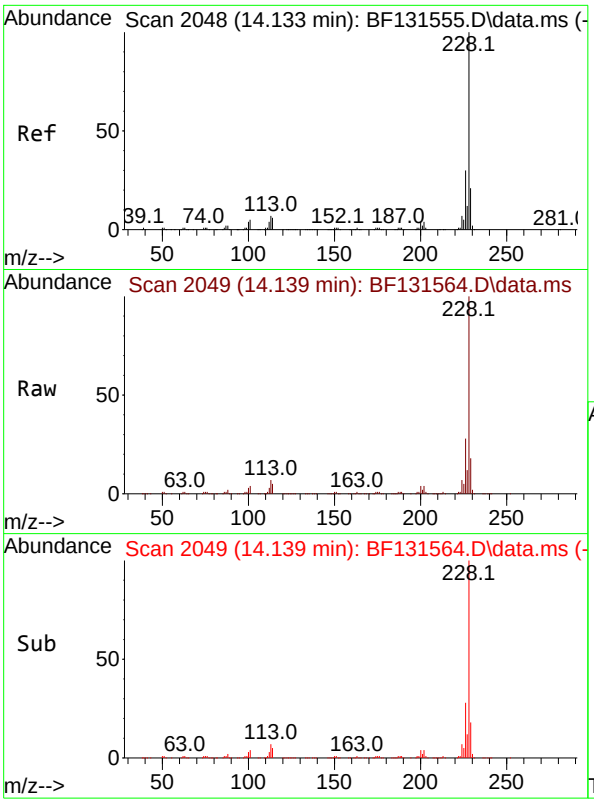


#82
3,3'-Dichlorobenzidine
Concen: 34.500 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:252 Resp: 106333

Ion	Ratio	Lower	Upper
252	100		
254	65.6	49.6	74.4
126	8.2	7.9	11.9



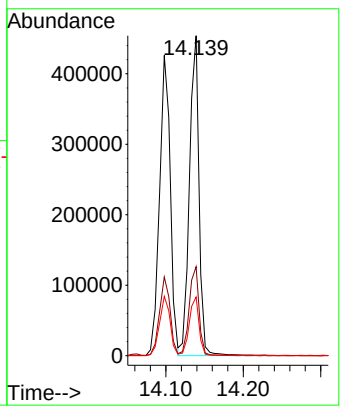


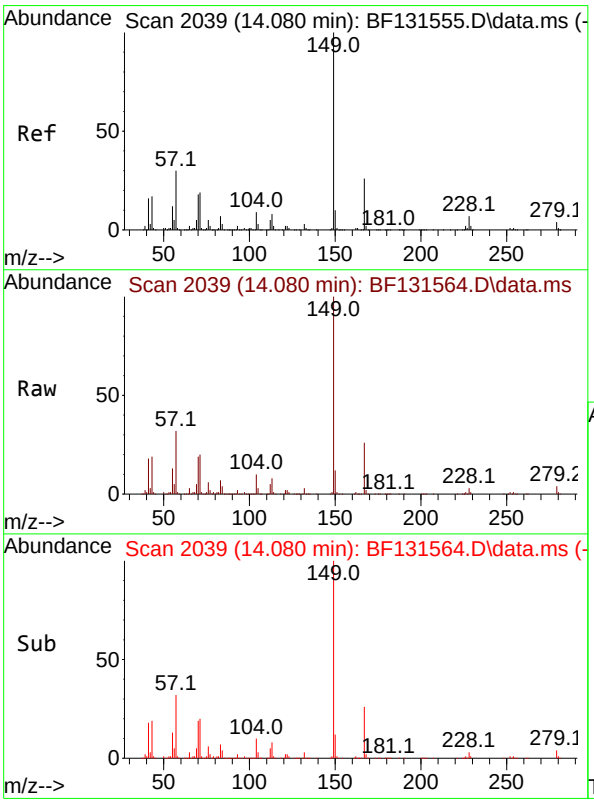
#83
Chrysene
Concen: 37.931 ng
RT: 14.139 min Scan# 2(
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:228 Resp: 390643

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.9	35.9
229	18.4	16.7	25.1

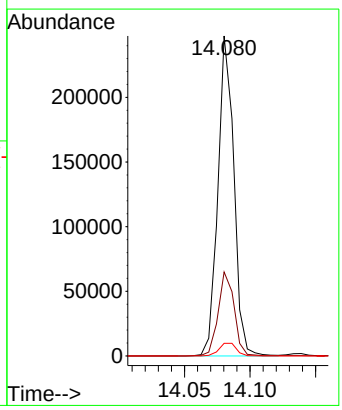


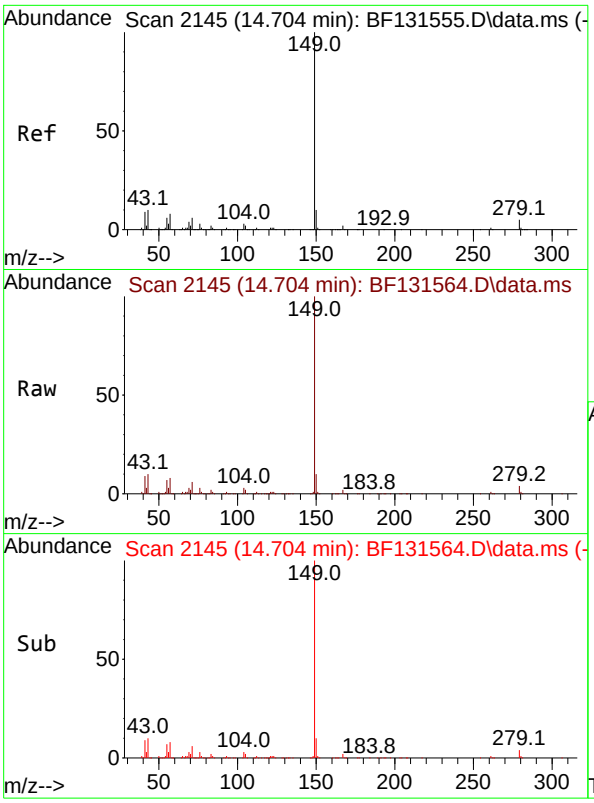


#84
Bis(2-ethylhexyl)phthalate
Concen: 36.613 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:149 Resp: 209033

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.8	31.2
279	3.9	3.3	4.9



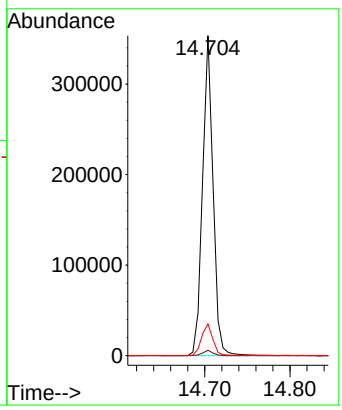


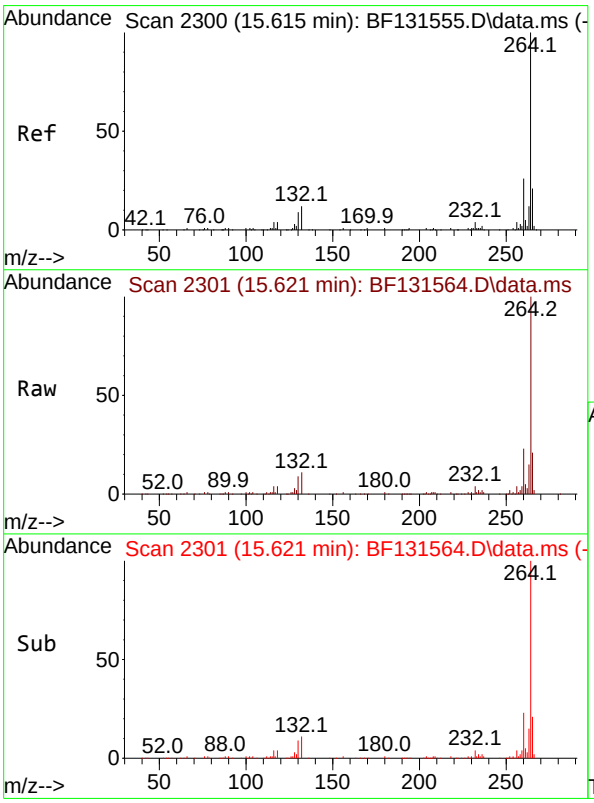
#85
Di-n-octyl phthalate
Concen: 33.542 ng
RT: 14.704 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:149 Resp: 303655

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.5	8.6	13.0

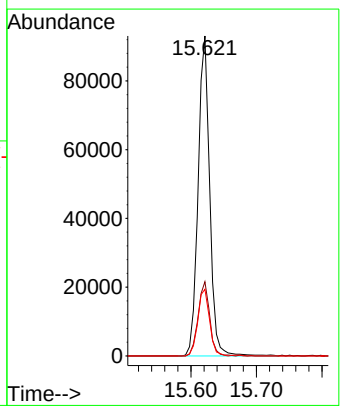


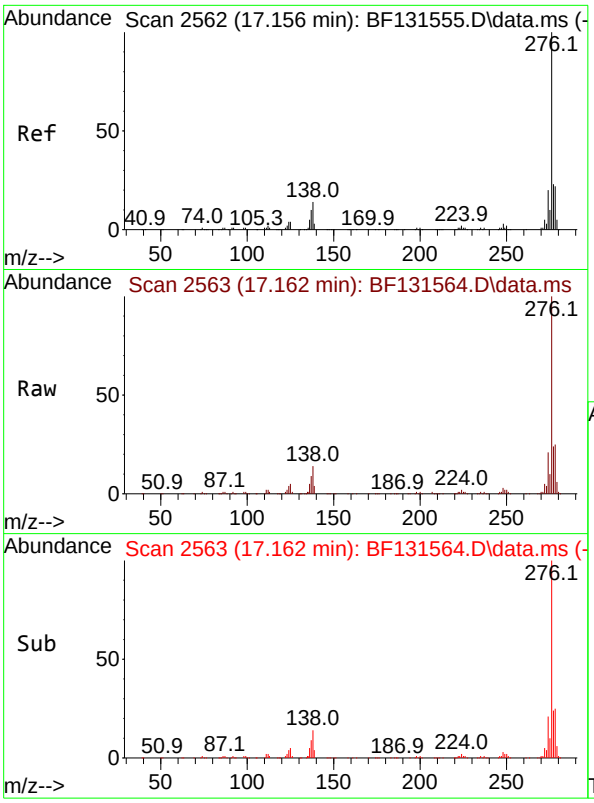


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2301
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:264 Resp: 114755

Ion	Ratio	Lower	Upper
264	100		
260	23.2	20.6	30.8
265	20.8	16.8	25.2



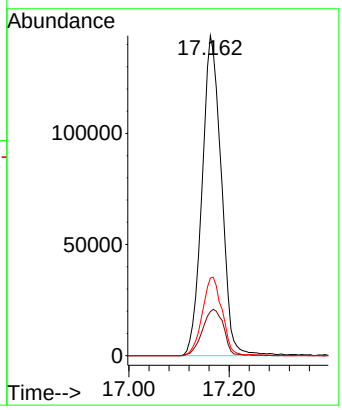


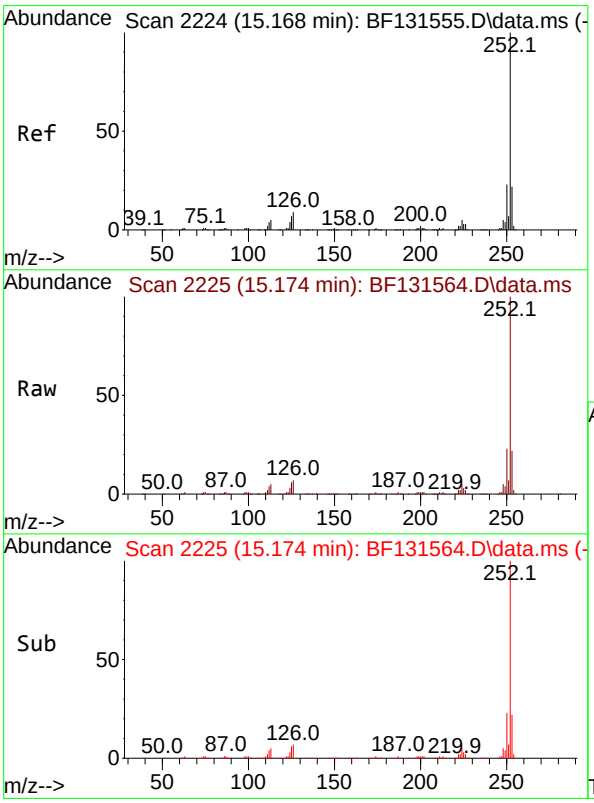
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.008 ng
RT: 17.162 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:276 Resp: 384053

Ion	Ratio	Lower	Upper
276	100		
138	15.9	12.7	19.1
277	25.1	20.0	30.0

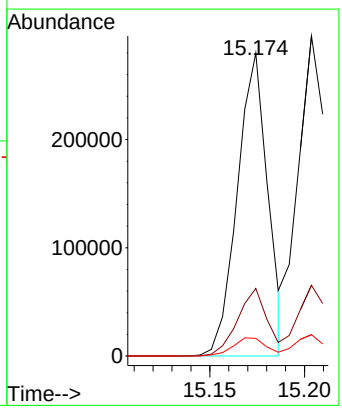


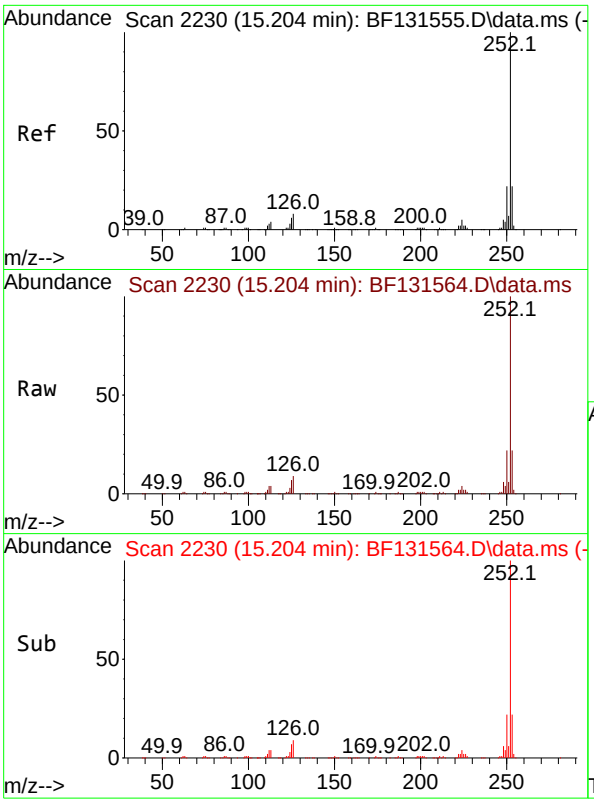


#88
Benzo(b)fluoranthene
Concen: 41.356 ng
RT: 15.174 min Scan# 2225
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:252 Resp: 312791

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	5.8	5.6	8.4



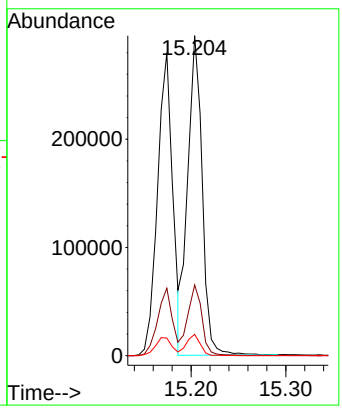


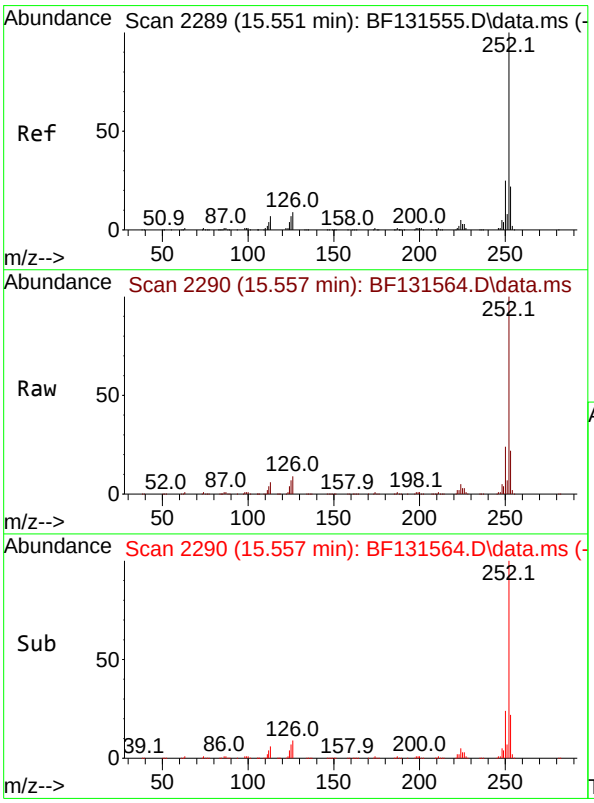
#89
Benzo(k)fluoranthene
Concen: 39.906 ng
RT: 15.204 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

Tgt Ion:252 Resp: 315031

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	6.7	4.9	7.3

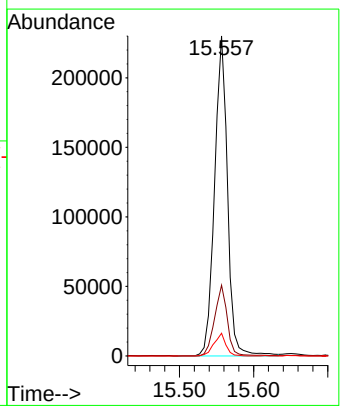


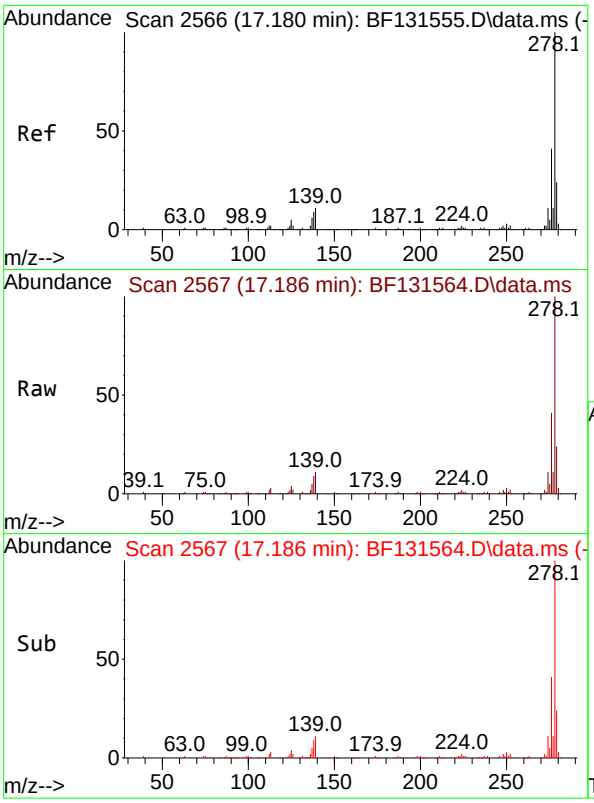


#90
Benzo(a)pyrene
Concen: 43.204 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:252 Resp: 278866

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	7.1	5.6	8.4



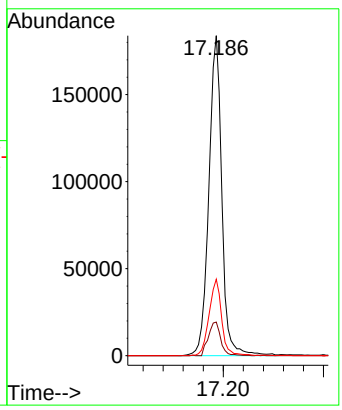


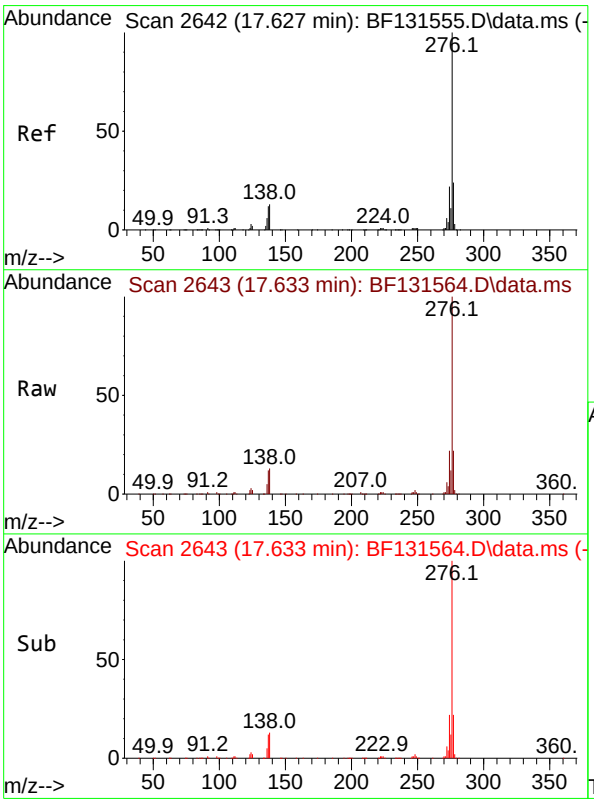
#91
Dibenzo(a,h)anthracene
Concen: 42.875 ng
RT: 17.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB149477BS

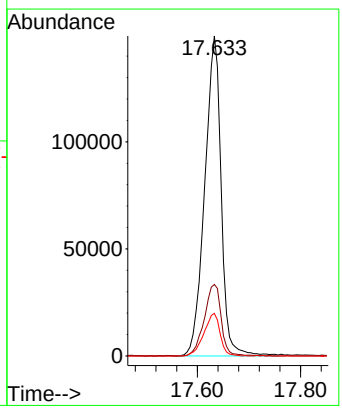
Tgt Ion:278 Resp: 330467

Ion	Ratio	Lower	Upper
278	100		
139	10.5	8.9	13.3
279	23.9	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 42.606 ng
RT: 17.633 min Scan# 2643
Delta R.T. 0.006 min
Lab File: BF131564.D
Acq: 09 Dec 2022 13:49

Tgt Ion:276 Resp: 330044

Ion	Ratio	Lower	Upper
276	100		
277	22.3	19.0	28.6
138	13.3	10.7	16.1