Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136768.D
Acq On : 27 Dec 2023 20:28
Operator : CG\JU
Sample : 05862-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 27 22:46:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	77841	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	295518	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	150136	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	276948	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	149066	20.000	ng	0.00
86) Perylene-d12	15.439	264	168881	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	502903	100.804	ng	0.00
7) Phenol-d6	6.428	99	594351	91.942	ng	-0.01
23) Nitrobenzene-d5	7.345	82	436424	75.570	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	195530	110.582	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	864582	77.453	ng	-0.01
79) Terphenyl-d14	12.904	244	806844	75.640	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	56513	14.421	ng	# 78
25) Isophorone	7.345	82	433398	41.243	ng	# 65
31) Naphthalene	8.092	128	1857523	114.415	ng	100
33) 4-Chloroaniline	8.092	127	248403	41.440	ng	# 36
35) Caprolactam	8.775	113	4295	3.001	ng	# 1
37) 2-Methylnaphthalene	8.775	142	201081	19.245	ng	100
38) 1-Methylnaphthalene	8.869	142	147249	14.365	ng	99
51) 2,6-Dinitrotoluene	9.816	165	20128	8.087	ng	# 30
52) Acenaphthene	9.845	154	23073	2.543	ng	95
57) 2,4-Dinitrotoluene	9.816	165	20128	6.230	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	11836	3.848	ng	# 1
71) Phenanthrene	11.328	178	31153	2.192	ng	98
77) Benzidine	12.904	184	9701	2.207	ng	# 92

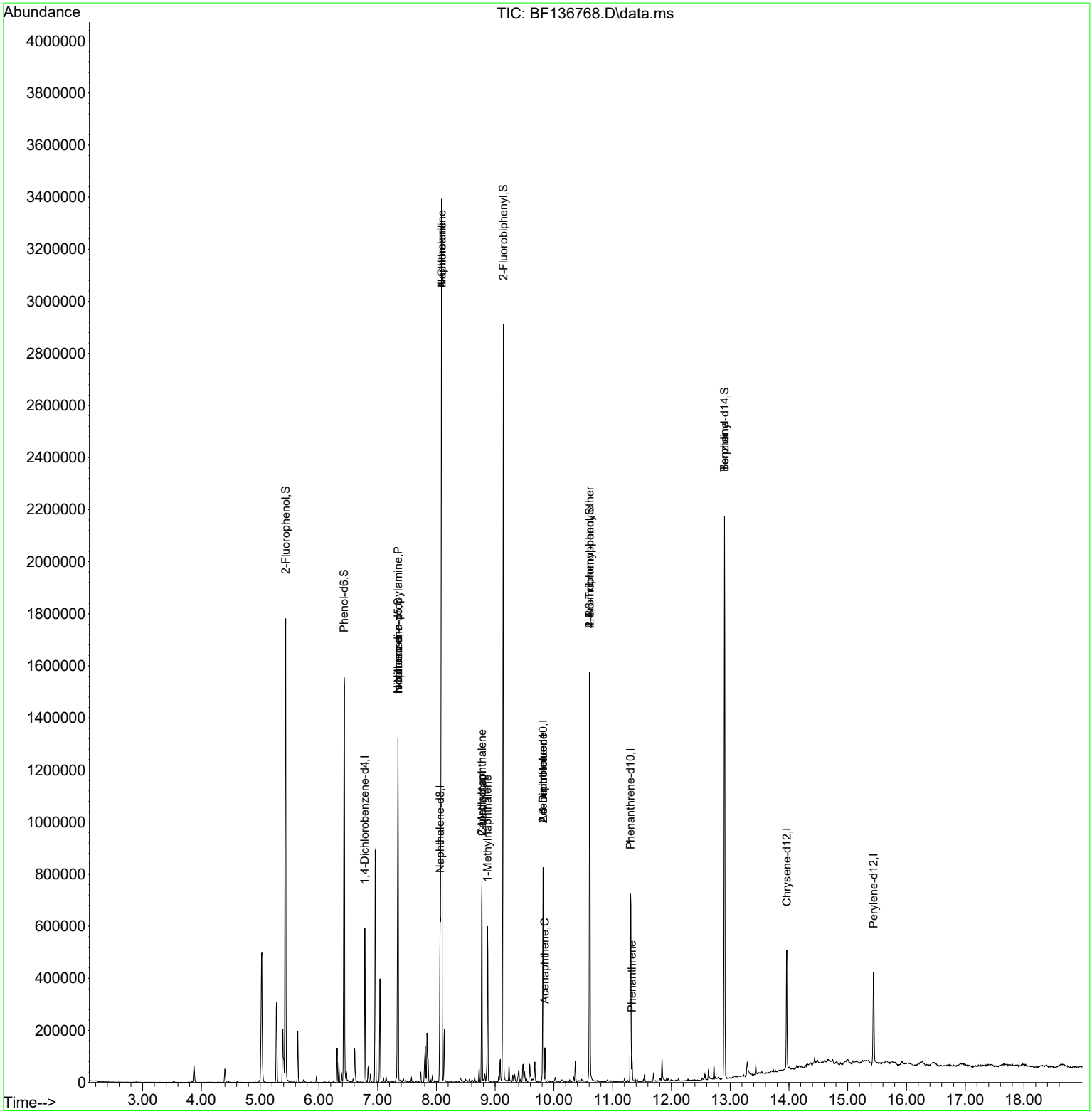
(#) = qualifier out of range (m) = manual integration (+) = signals summed

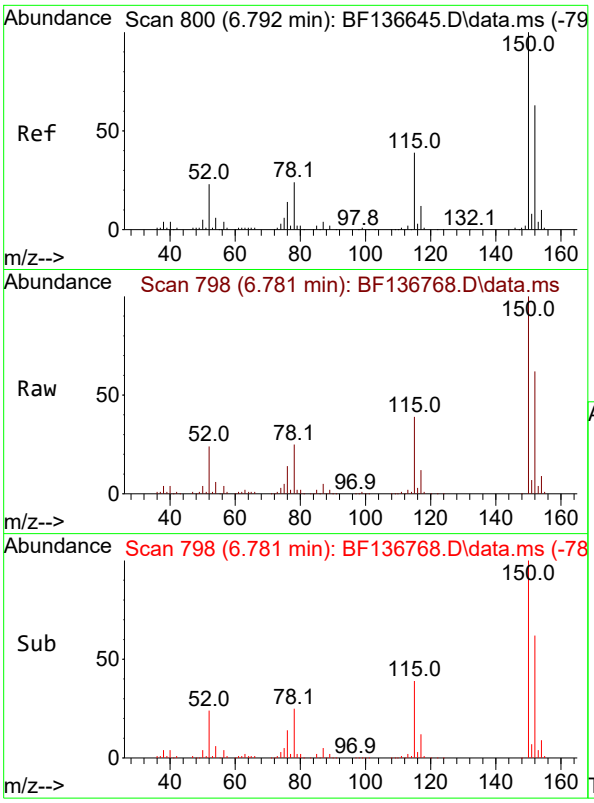
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136768.D
Acq On : 27 Dec 2023 20:28
Operator : CG\JU
Sample : 05862-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 27 22:46:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration



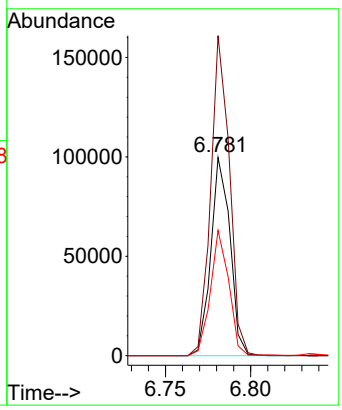


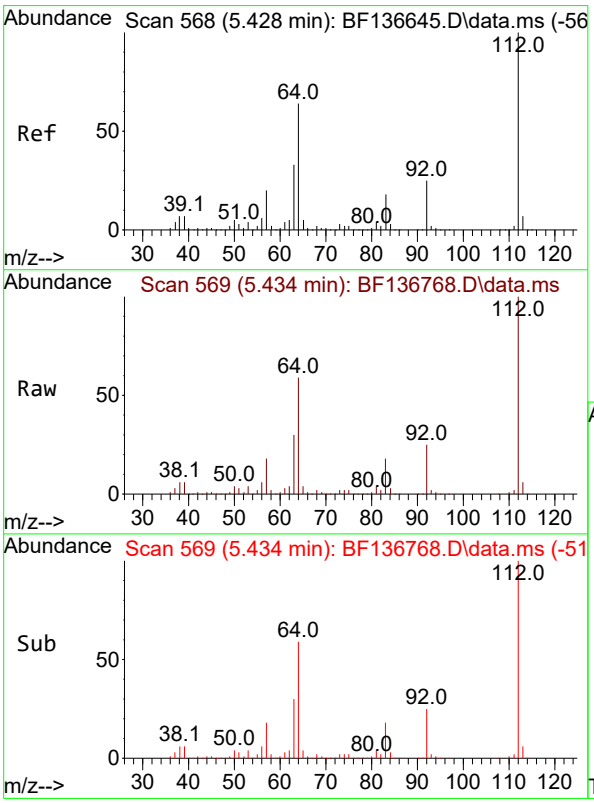
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 7
Delta R.T. -0.011 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 77841

Ion	Ratio	Lower	Upper
152	100		
150	161.4	127.0	190.6
115	63.2	49.0	73.4

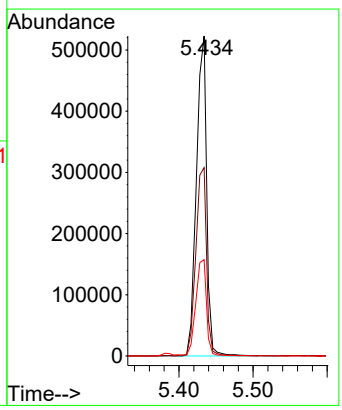


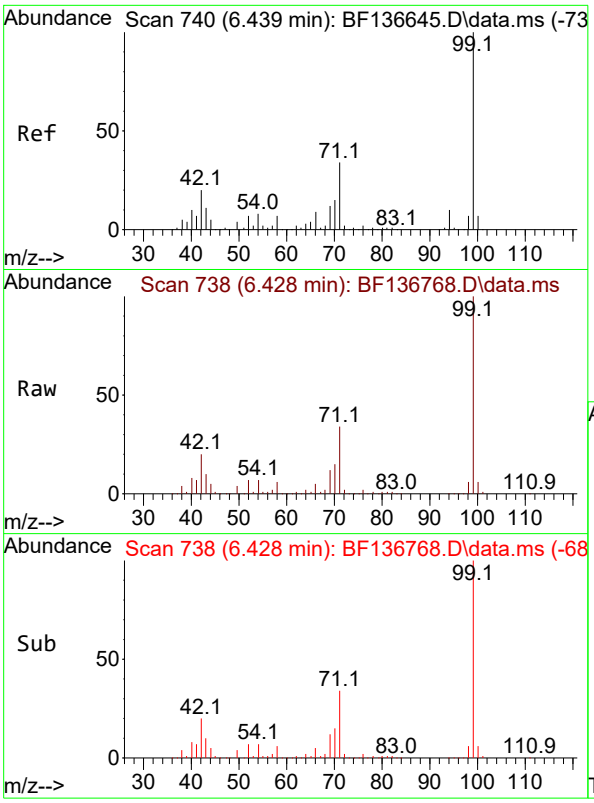


#5
2-Fluorophenol
Concen: 100.804 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Tgt Ion:112 Resp: 502903

Ion	Ratio	Lower	Upper
112	100		
64	58.8	51.1	76.7
63	30.1	26.1	39.1



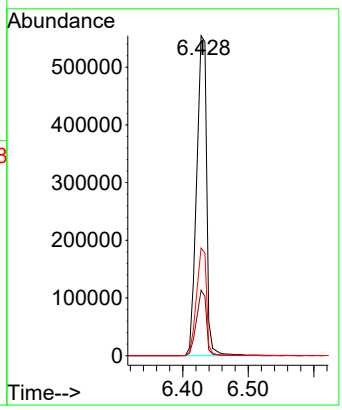


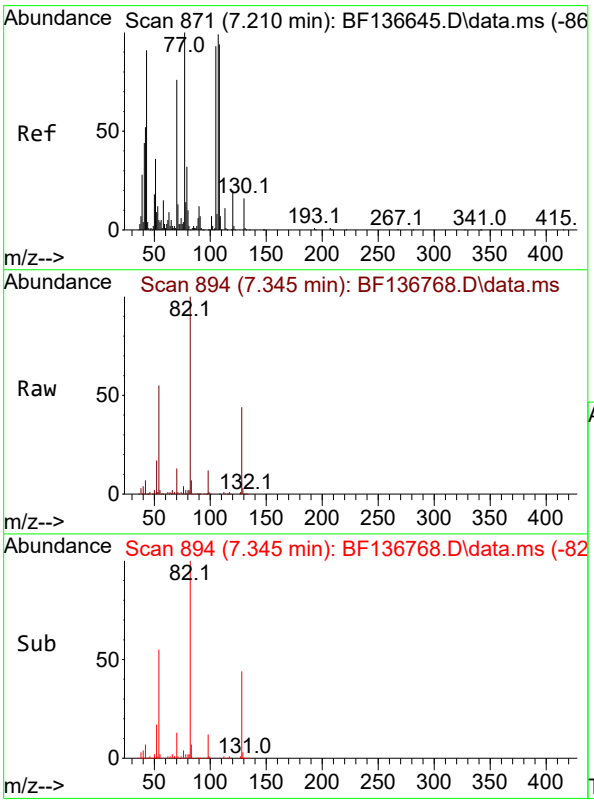
#7
Phenol-d6
Concen: 91.942 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 594351

Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.1	24.1
71	33.6	27.4	41.2

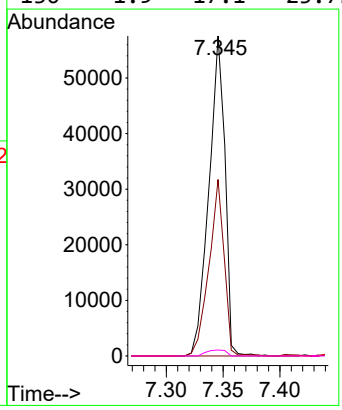


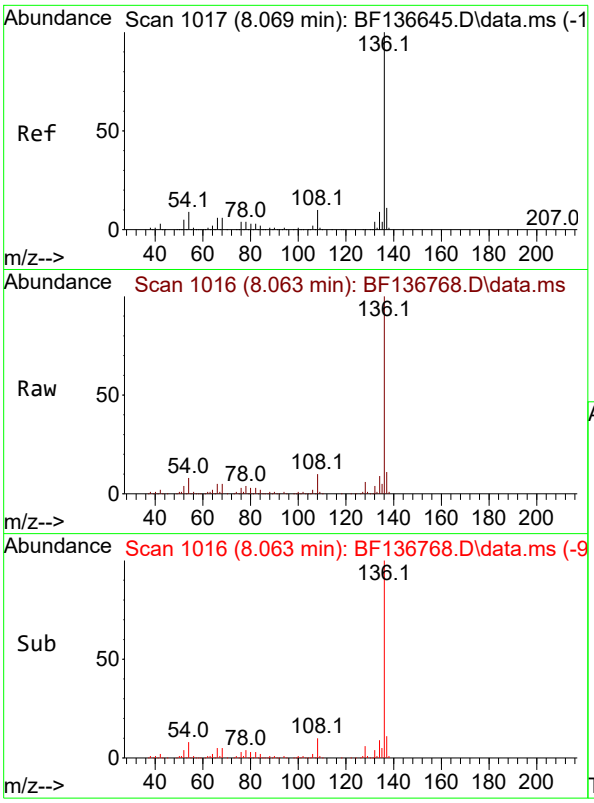


#19
n-Nitroso-di-n-propylamine
Concen: 14.421 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.136 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Tgt Ion: 70 Resp: 56513

Ion	Ratio	Lower	Upper
70	100		
42	55.1	54.2	81.4
101	0.0	7.6	11.4#
130	1.9	17.1	25.7#



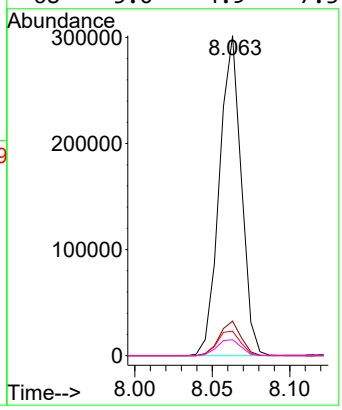


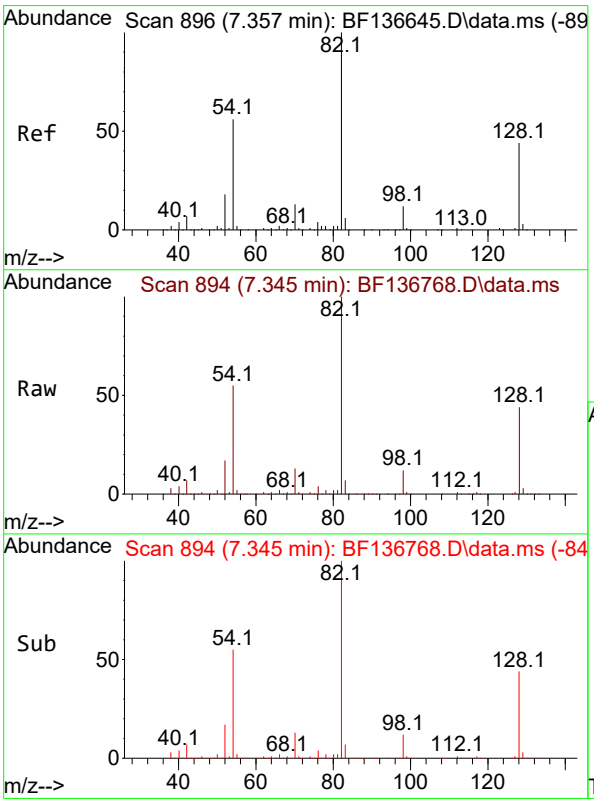
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 295518

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	7.7	7.2	10.8
68	5.0	4.9	7.3

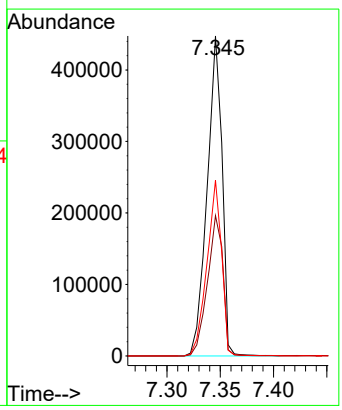


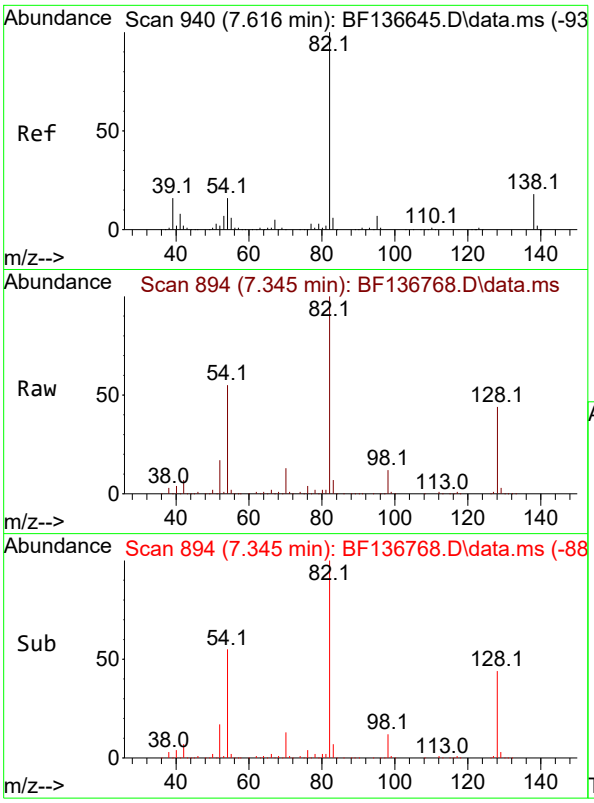


#23
Nitrobenzene-d5
Concen: 75.570 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Tgt Ion: 82 Resp: 436424

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.3	52.9
54	54.9	44.5	66.7



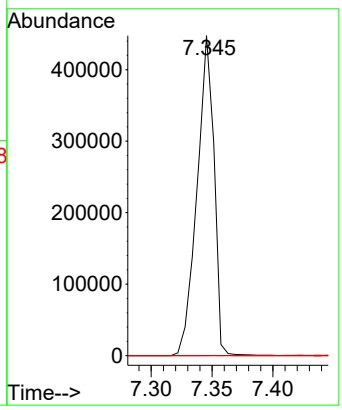


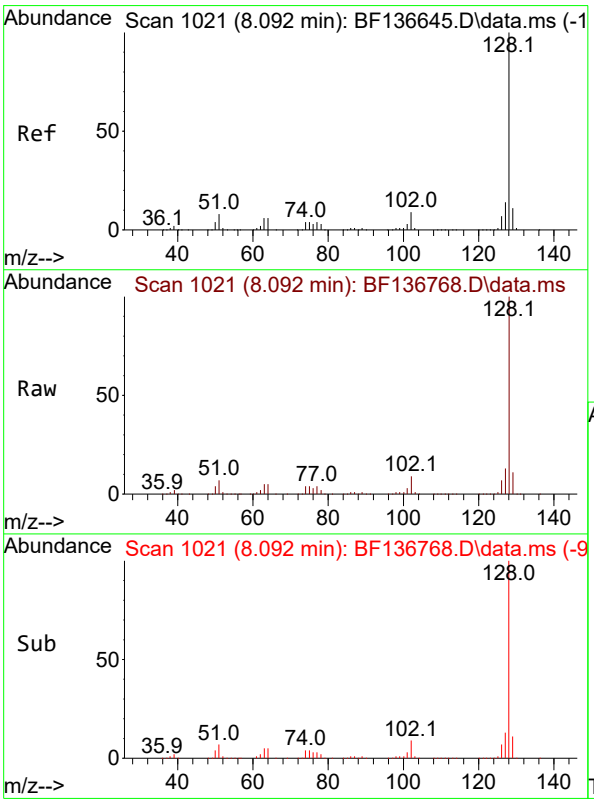
#25
Isophorone
Concen: 41.243 ng
RT: 7.345 min Scan# 8
Delta R.T. -0.270 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 433398

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	14.5	21.7#

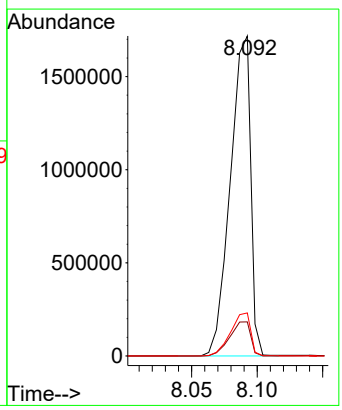


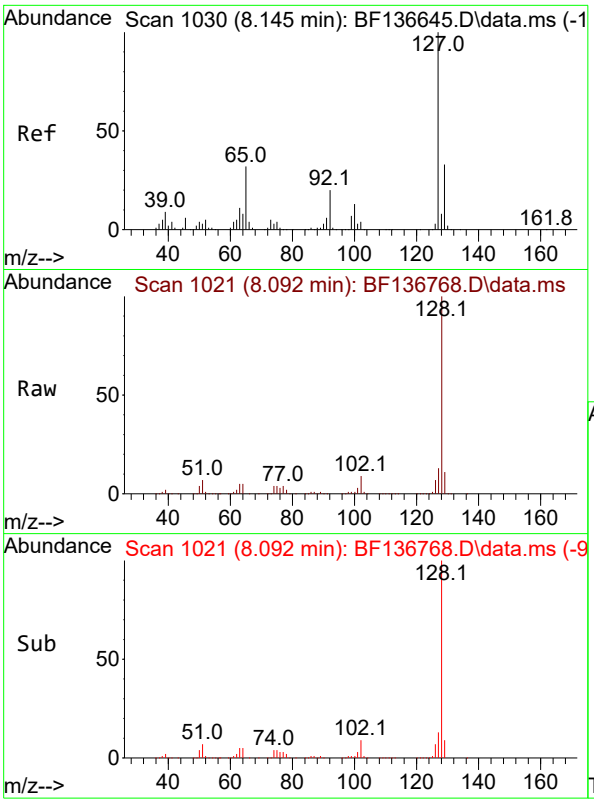


#31
Naphthalene
Concen: 114.415 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Tgt Ion:128 Resp: 1857523

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	13.5	10.8	16.2



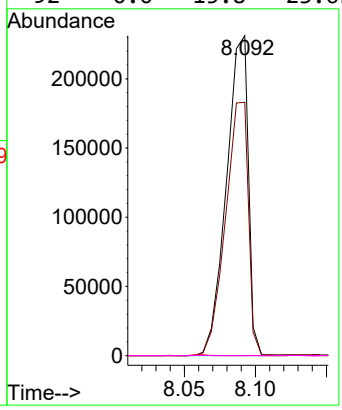


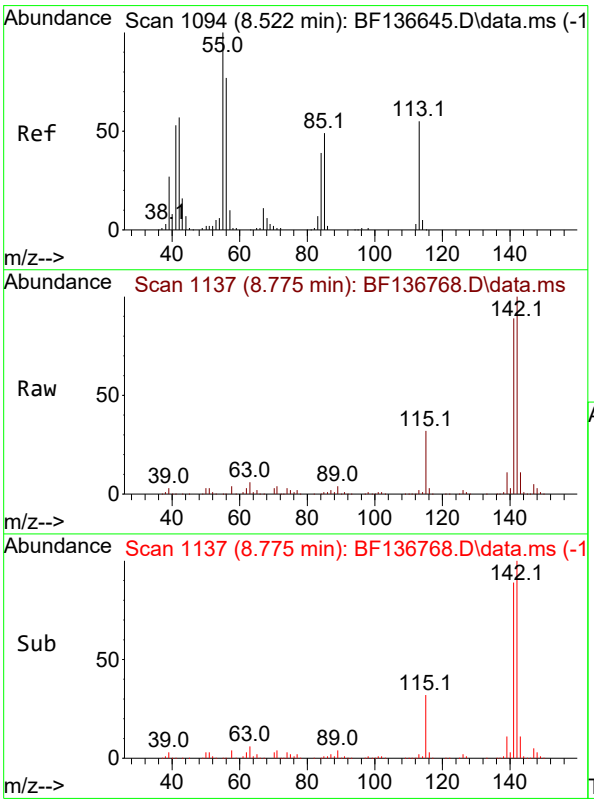
#33
4-Chloroaniline
Concen: 41.440 ng
RT: 8.092 min Scan# 1
Delta R.T. -0.053 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 248403

Ion	Ratio	Lower	Upper
127	100		
129	79.2	26.3	39.5#
65	0.0	25.8	38.8#
92	0.0	15.8	23.6#

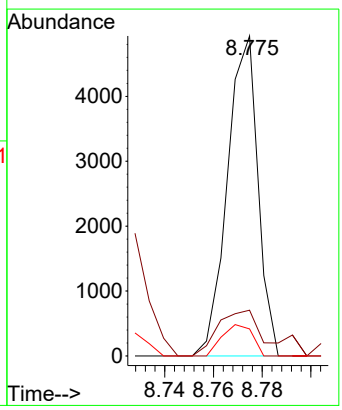


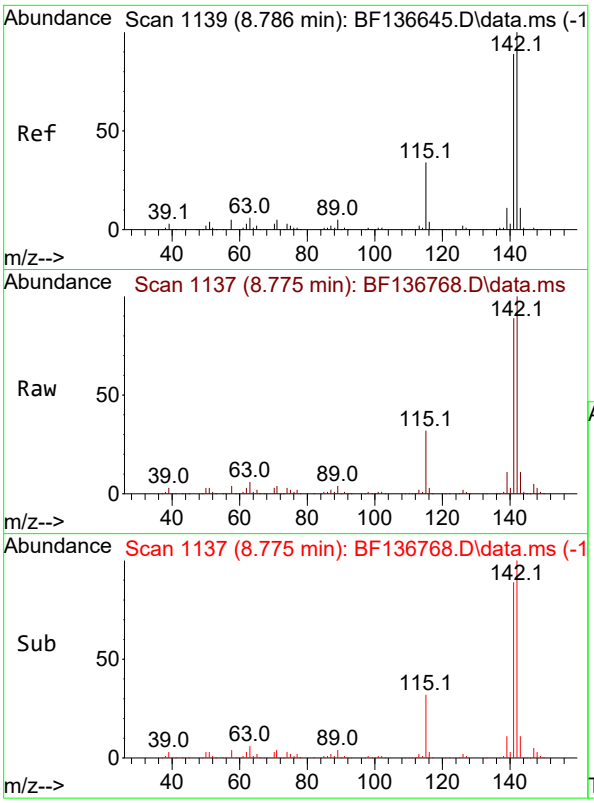


#35
Caprolactam
Concen: 3.001 ng
RT: 8.775 min Scan# 1137
Delta R.T. 0.253 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Tgt Ion:113 Resp: 4295

Ion	Ratio	Lower	Upper
113	100		
55	14.3	163.1	203.1#
56	8.4	121.7	161.7#



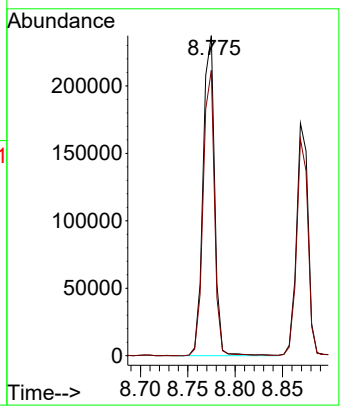


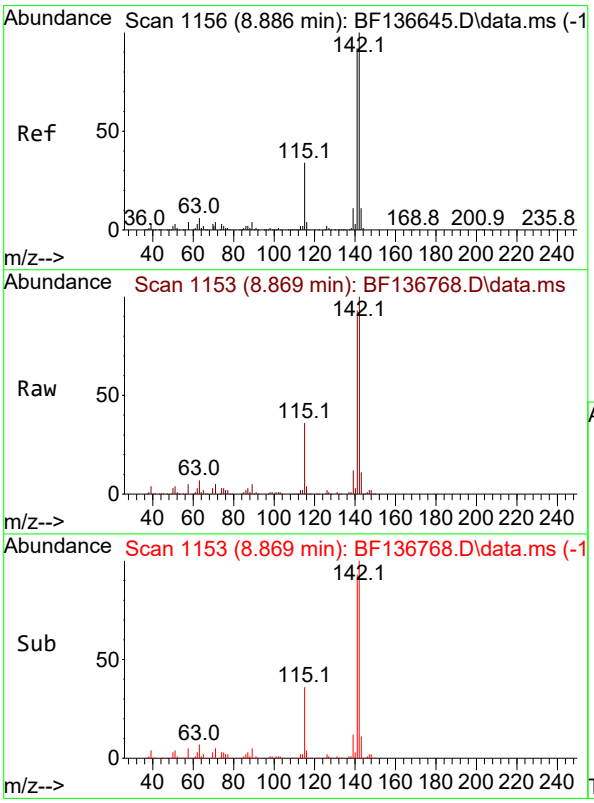
#37
2-Methylnaphthalene
Concen: 19.245 ng
RT: 8.775 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 201081

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.1	106.7

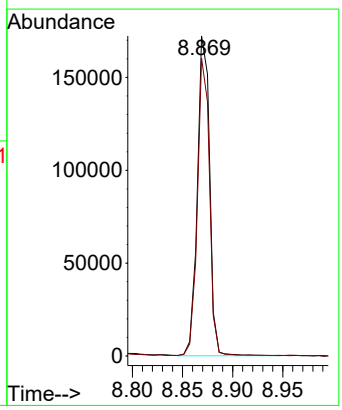


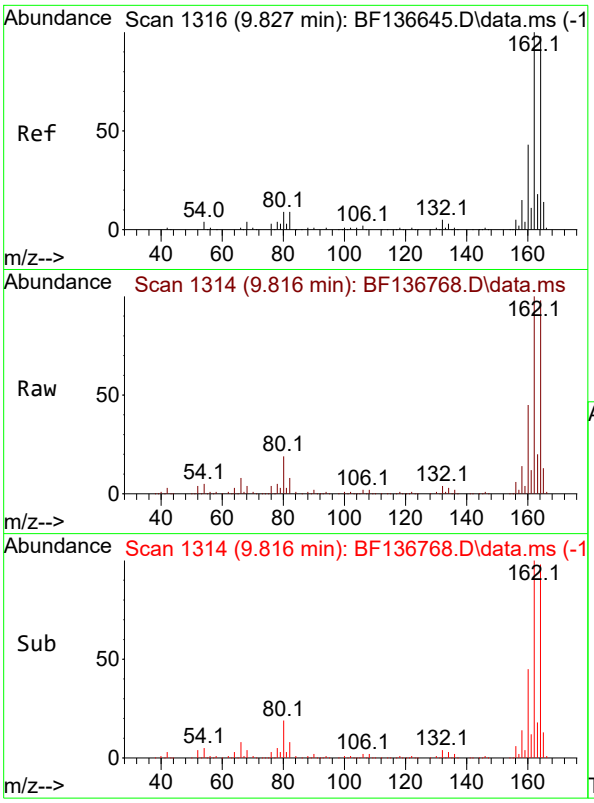


#38
1-Methylnaphthalene
Concen: 14.365 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.017 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Tgt Ion:142 Resp: 147249

Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.6	110.4



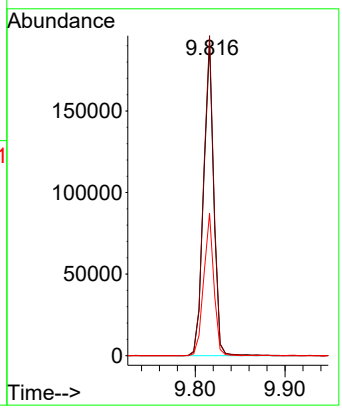


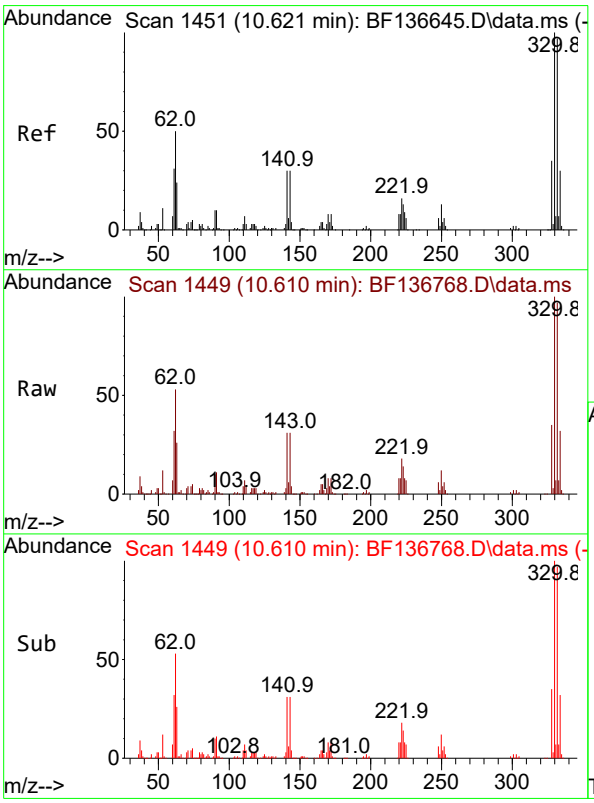
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 150136

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.6	122.4
160	45.6	34.9	52.3

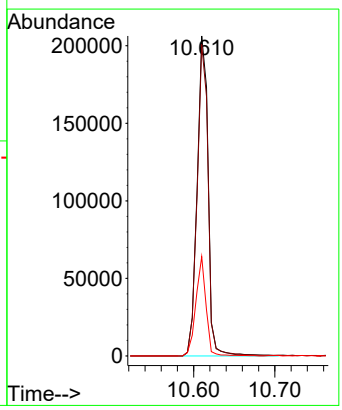


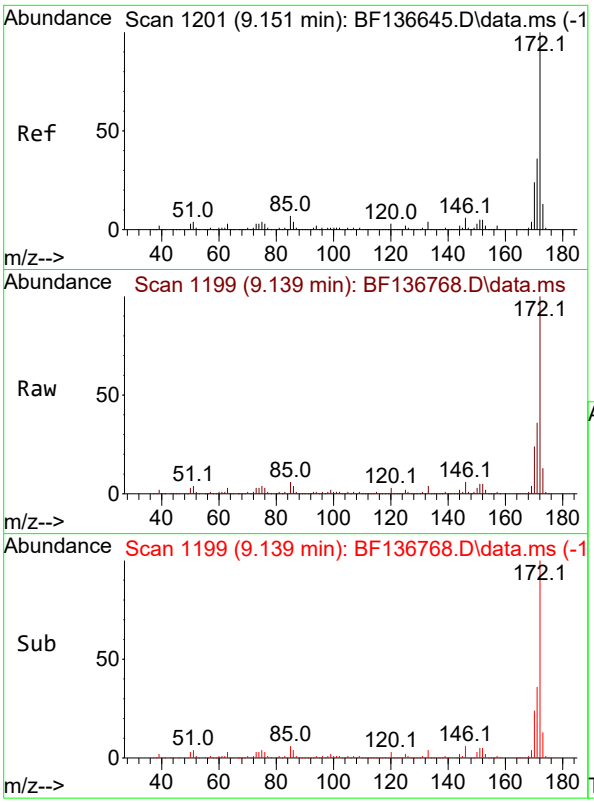


#42
2,4,6-Tribromophenol
Concen: 110.582 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Tgt Ion:330 Resp: 195530

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.0
141	28.7	23.4	35.2



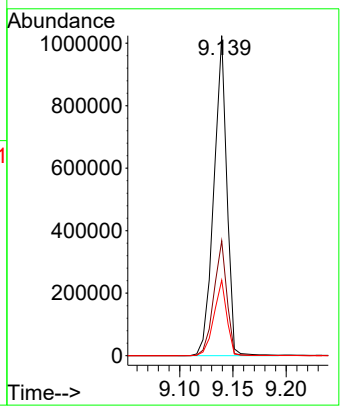


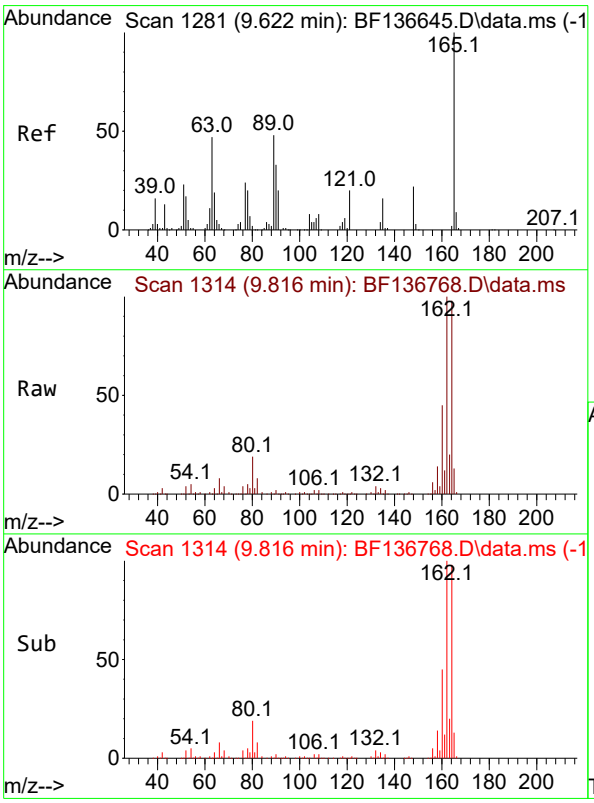
#45
2-Fluorobiphenyl
Concen: 77.453 ng
RT: 9.139 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 864582

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	23.6	19.0	28.4

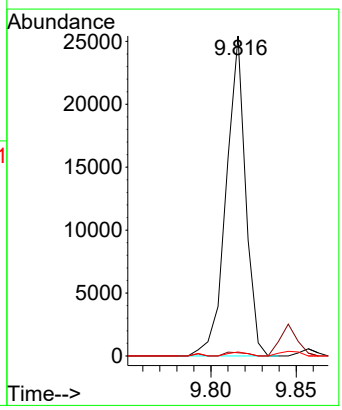


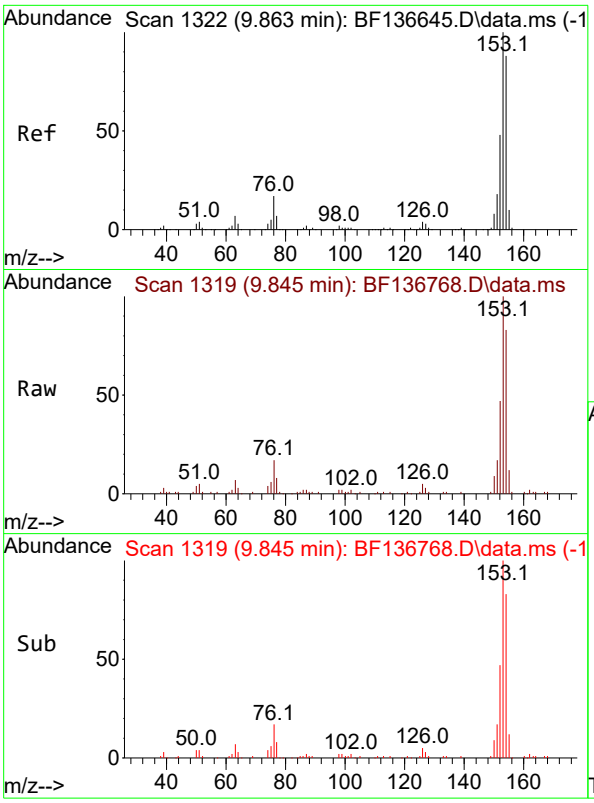


#51
2,6-Dinitrotoluene
Concen: 8.087 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Tgt Ion:165 Resp: 20128

Ion	Ratio	Lower	Upper
165	100		
63	1.0	39.8	59.6#
89	1.2	38.8	58.2#



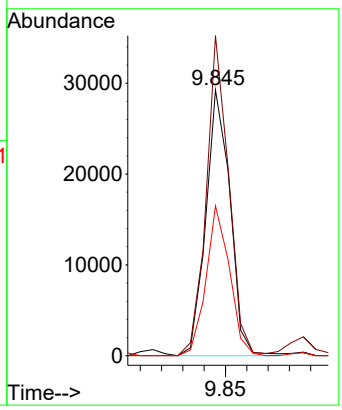


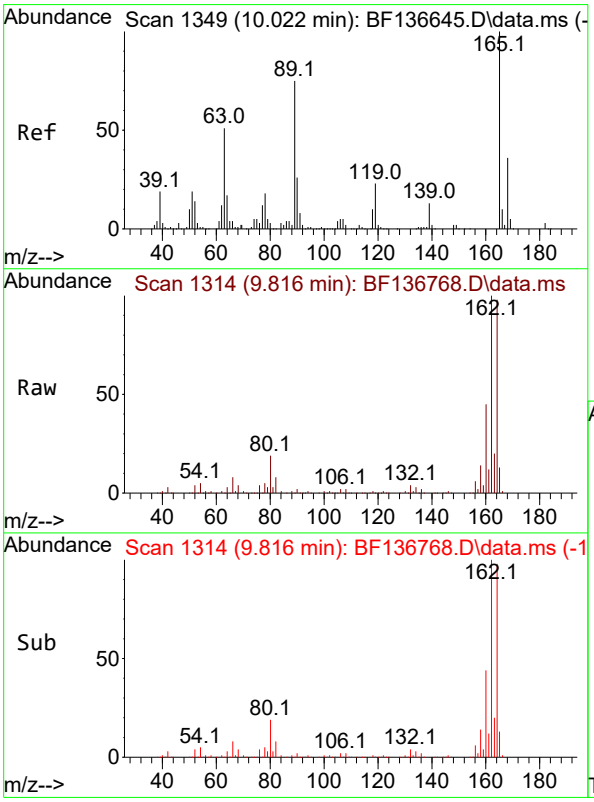
#52
Acenaphthene
Concen: 2.543 ng
RT: 9.845 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 23073

Ion	Ratio	Lower	Upper
154	100		
153	120.4	90.7	136.1
152	56.3	43.7	65.5

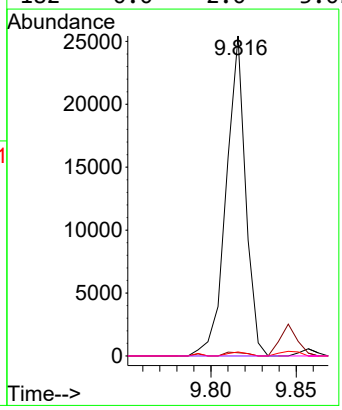


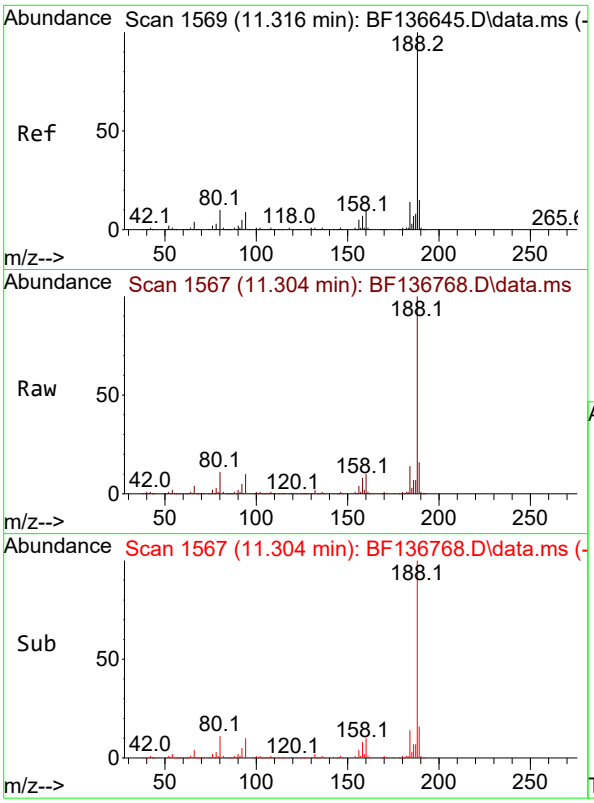


#57
2,4-Dinitrotoluene
Concen: 6.230 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Tgt Ion:165 Resp: 20128

Ion	Ratio	Lower	Upper
165	100		
63	1.0	41.0	61.6#
89	1.2	59.9	89.9#
182	0.0	2.0	3.0#



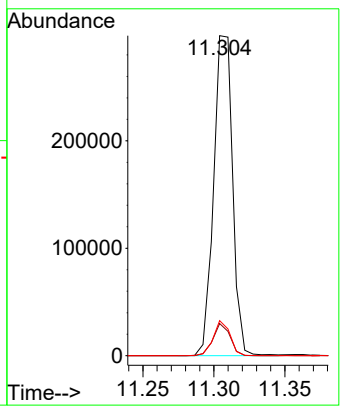


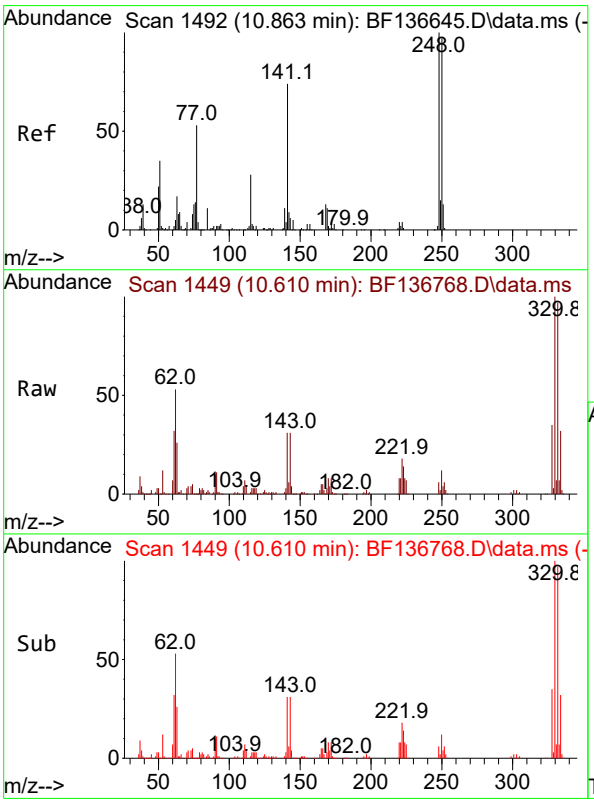
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 276948

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.5	11.3
80	11.0	8.1	12.1

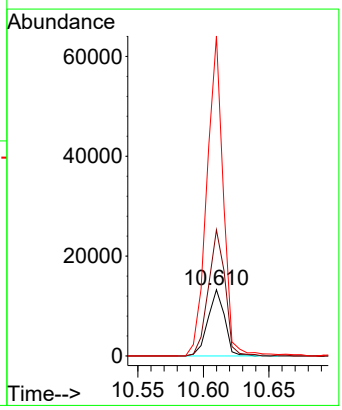


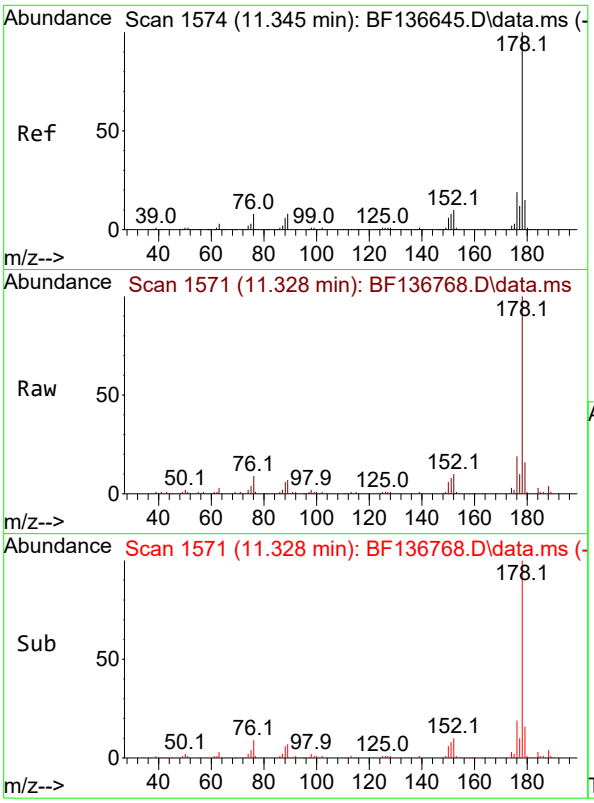


#67
4-Bromophenyl-phenylether
Concen: 3.848 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.253 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Tgt Ion:248 Resp: 11836

Ion	Ratio	Lower	Upper
248	100		
250	190.6	77.8	116.6#
141	483.5	59.2	88.8#



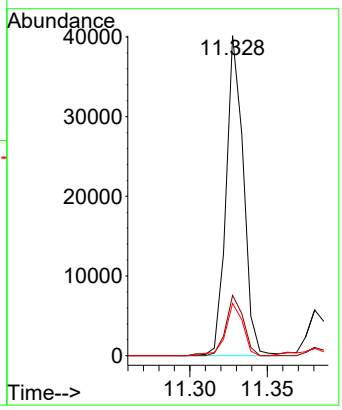


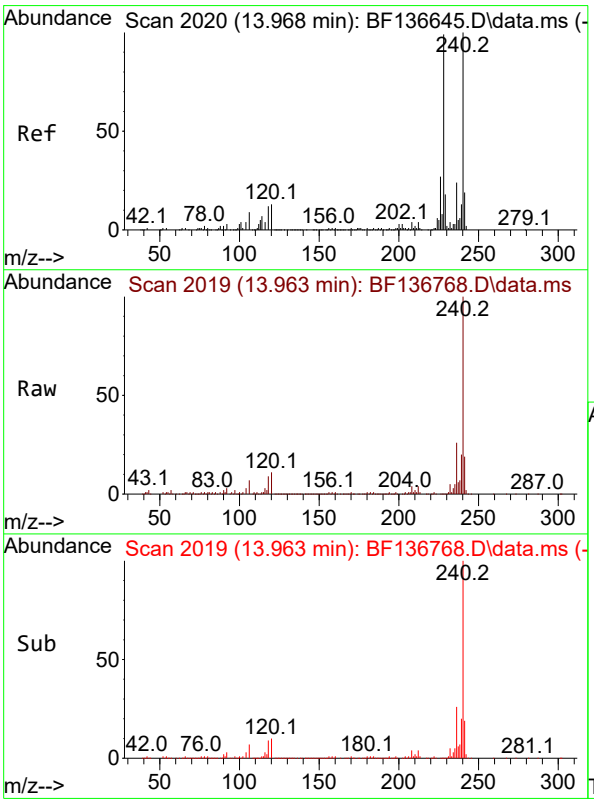
#71
Phenanthrene
Concen: 2.192 ng
RT: 11.328 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 31153

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	16.4	11.9	17.9

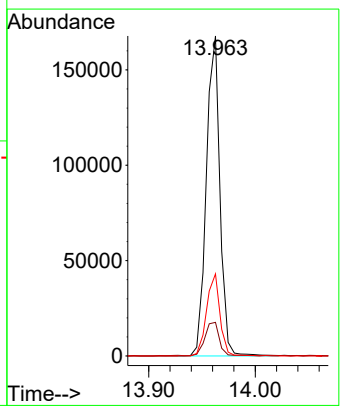


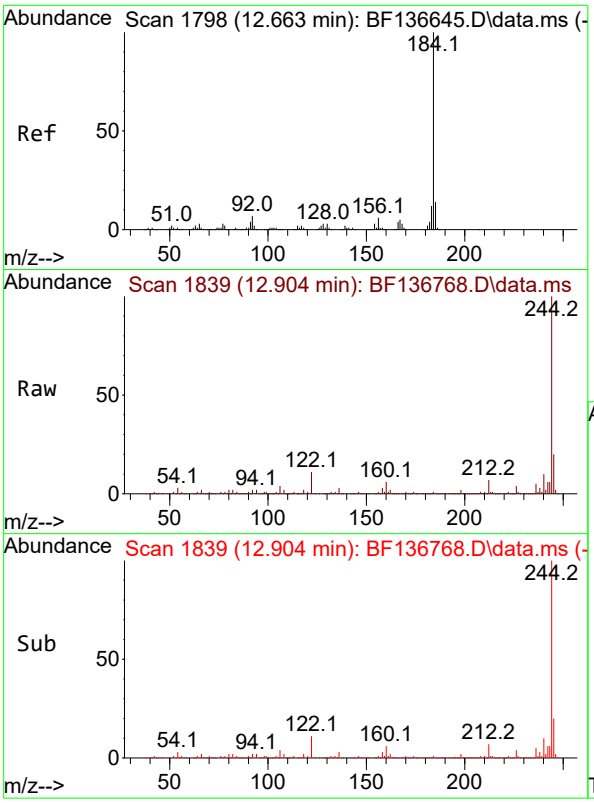


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Tgt Ion:240 Resp: 149066

Ion	Ratio	Lower	Upper
240	100		
120	10.5	10.3	15.5
236	25.6	19.4	29.2



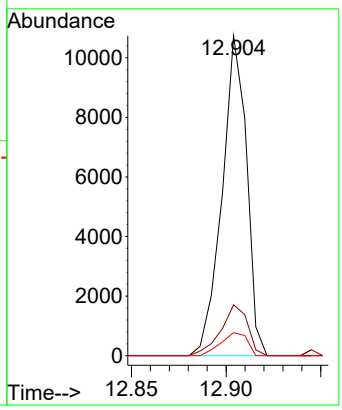


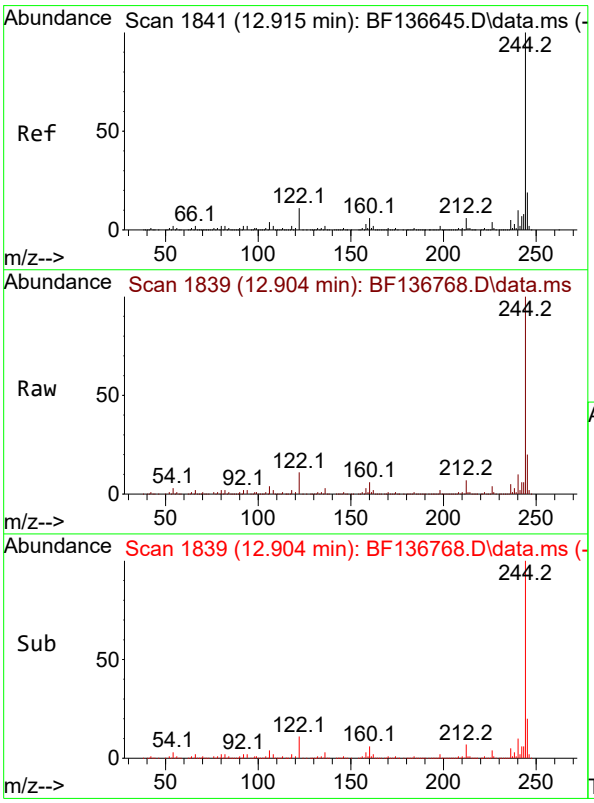
#77
Benzidine
Concen: 2.207 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.241 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 9701

Ion	Ratio	Lower	Upper
184	100		
185	15.9	11.2	16.8
183	7.2	9.3	13.9#

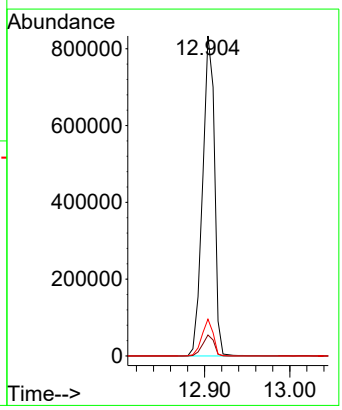


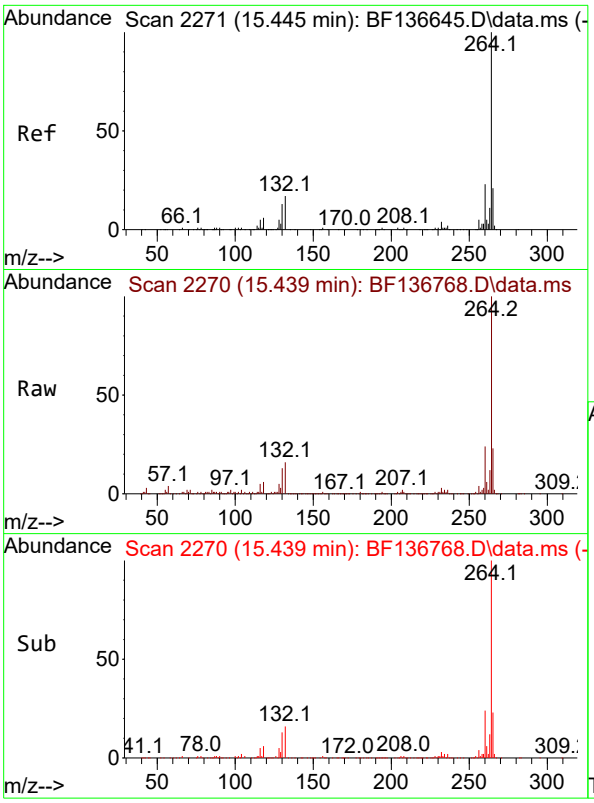


#79
Terphenyl-d14
Concen: 75.640 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Tgt Ion:244 Resp: 806844

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.0	7.4
122	11.5	9.0	13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF136768.D
Acq: 27 Dec 2023 20:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 168881

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	22.8	17.0	25.6