Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
Data File : BF134167.D
Acq On : 09 Jul 2023 02:51
Operator : CG\JU
Sample : 03509-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 09 04:19:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration

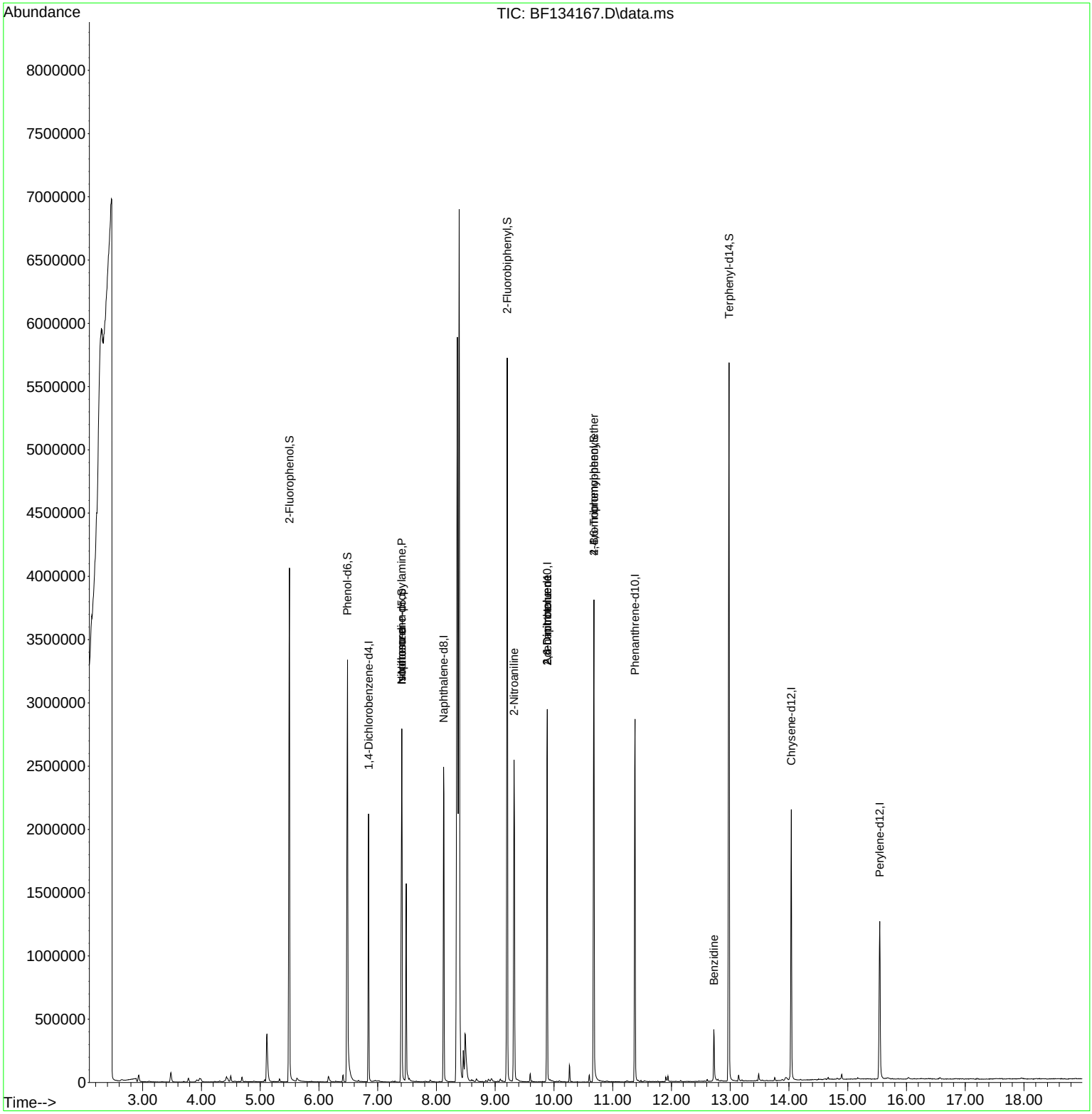
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	294202	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	1156081	20.000	ng	-0.01
39) Acenaphthene-d10	9.886	164	598651	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	1102365	20.000	ng	0.00
76) Chrysene-d12	14.039	240	749090	20.000	ng	-0.01
86) Perylene-d12	15.545	264	635964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1165610	66.274	ng	0.01
7) Phenol-d6	6.487	99	1304363	60.305	ng	0.00
23) Nitrobenzene-d5	7.410	82	1009598	47.075	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	522081	69.556	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1858968	45.147	ng	0.00
79) Terphenyl-d14	12.980	244	2303681	49.495	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	178	Below Cal		# 39
19) n-Nitroso-di-n-propyla...	7.410	70	140804	10.265	ng	# 77
25) Isophorone	7.410	82	1009577	25.902	ng	# 64
48) 2-Nitroaniline	9.322	65	29062	2.270	ng	# 15
51) 2,6-Dinitrotoluene	9.886	165	76914	8.218	ng	# 23
57) 2,4-Dinitrotoluene	9.886	165	76914	6.222	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	30866	2.634	ng	# 1
77) Benzidine	12.721	184	180737	10.140	ng	100

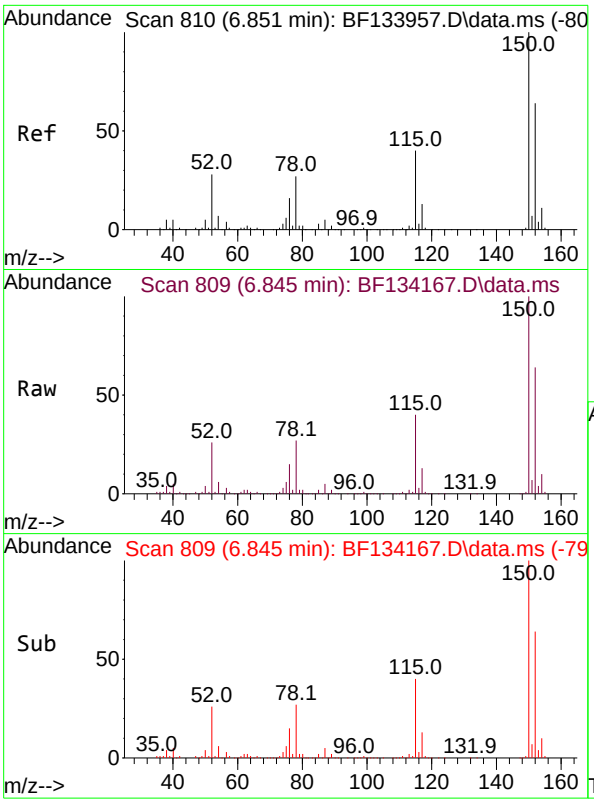
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
Data File : BF134167.D
Acq On : 09 Jul 2023 02:51
Operator : CG\JU
Sample : 03509-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 09 04:19:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration



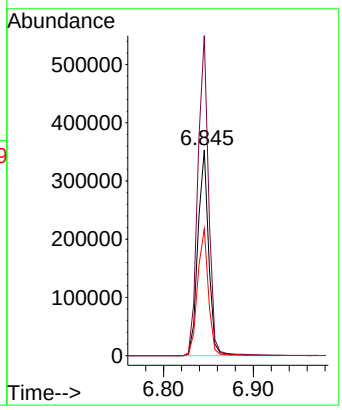


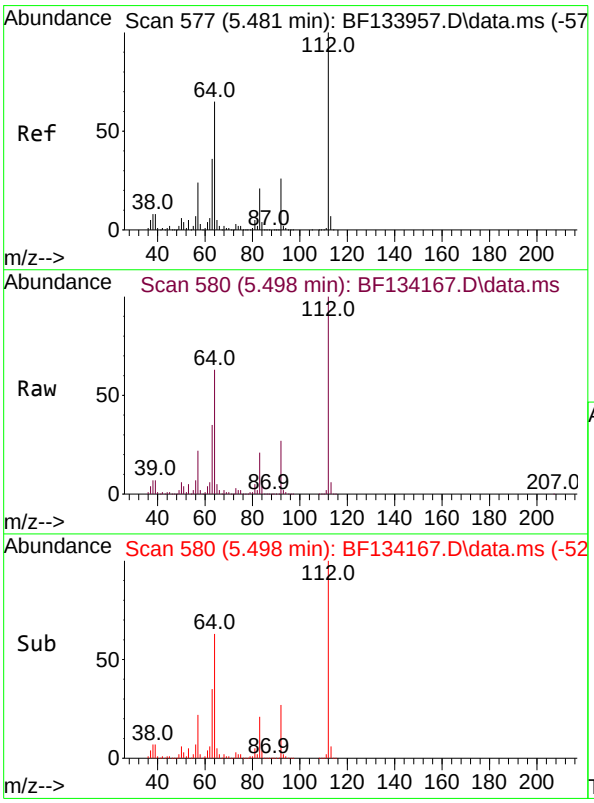
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 294202

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.5	186.7
115	61.6	50.2	75.2

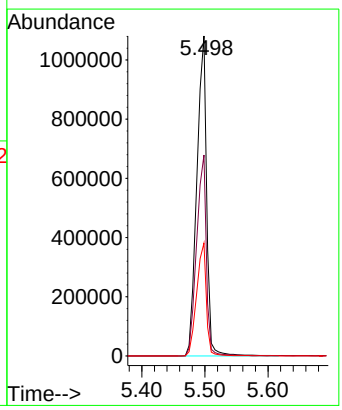


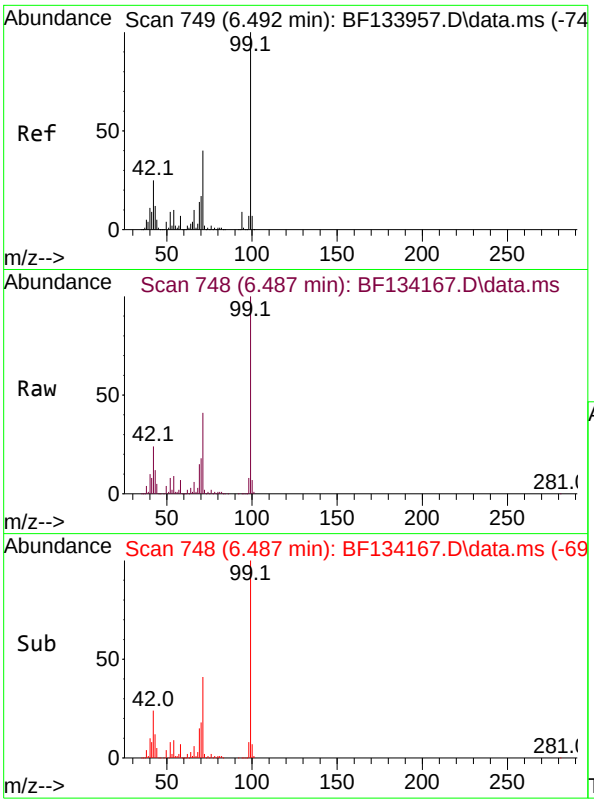


#5
2-Fluorophenol
Concen: 66.274 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

Tgt Ion:112 Resp: 1165610

Ion	Ratio	Lower	Upper
112	100		
64	62.8	52.1	78.1
63	35.2	28.6	42.8



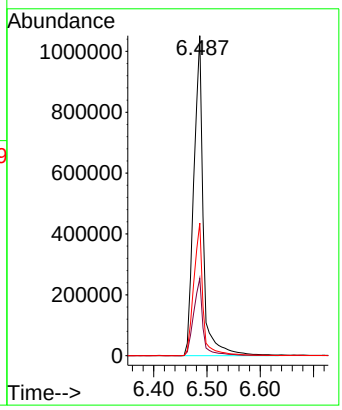


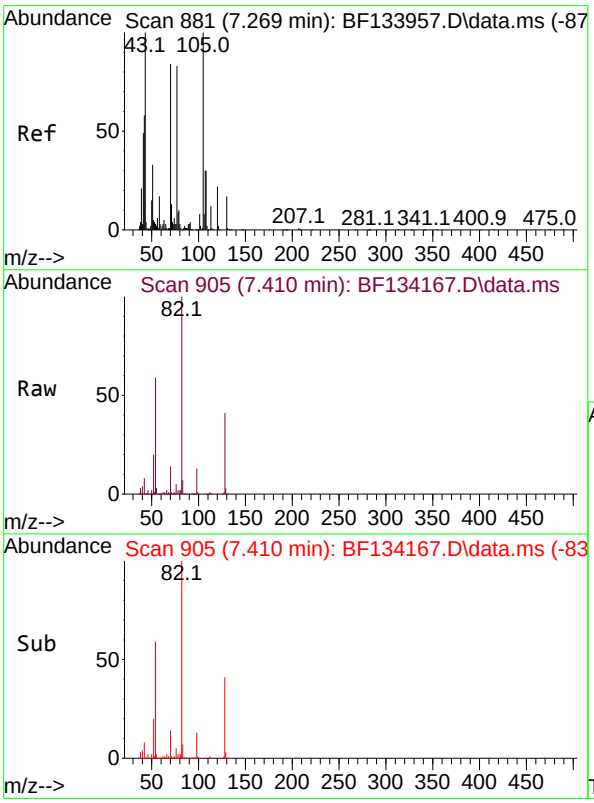
#7
Phenol-d6
Concen: 60.305 ng
RT: 6.487 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1304363

Ion	Ratio	Lower	Upper
99	100		
42	24.1	19.8	29.6
71	41.4	31.9	47.9

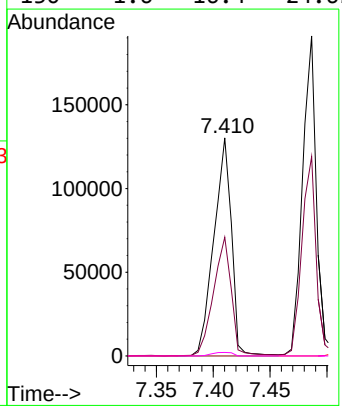


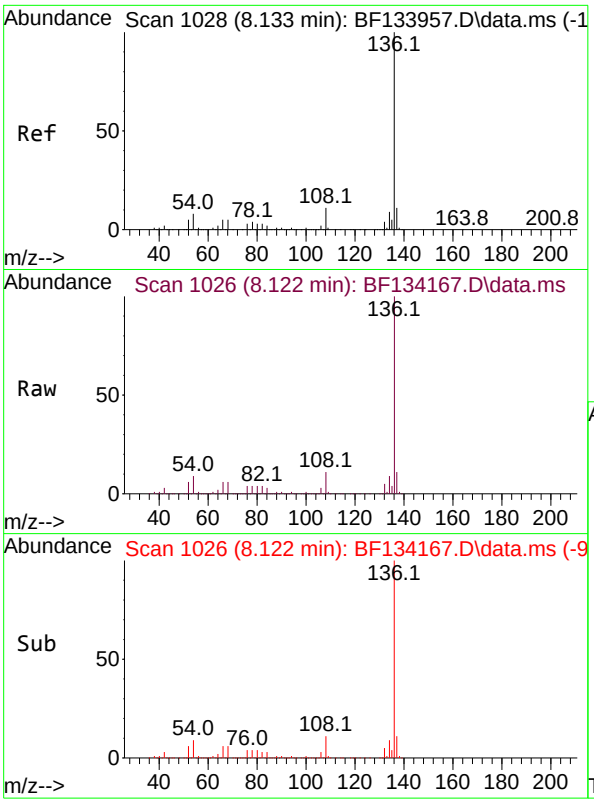


#19
n-Nitroso-di-n-propylamine
Concen: 10.265 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

Tgt Ion: 70 Resp: 140804

Ion	Ratio	Lower	Upper
70	100		
42	54.4	54.7	82.1#
101	0.0	7.7	11.5#
130	1.6	16.4	24.6#



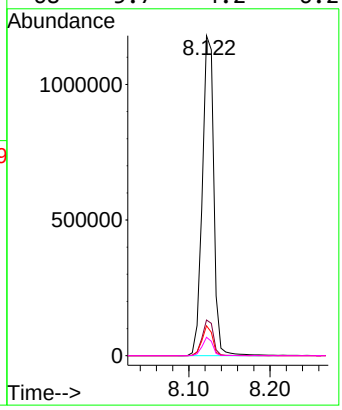


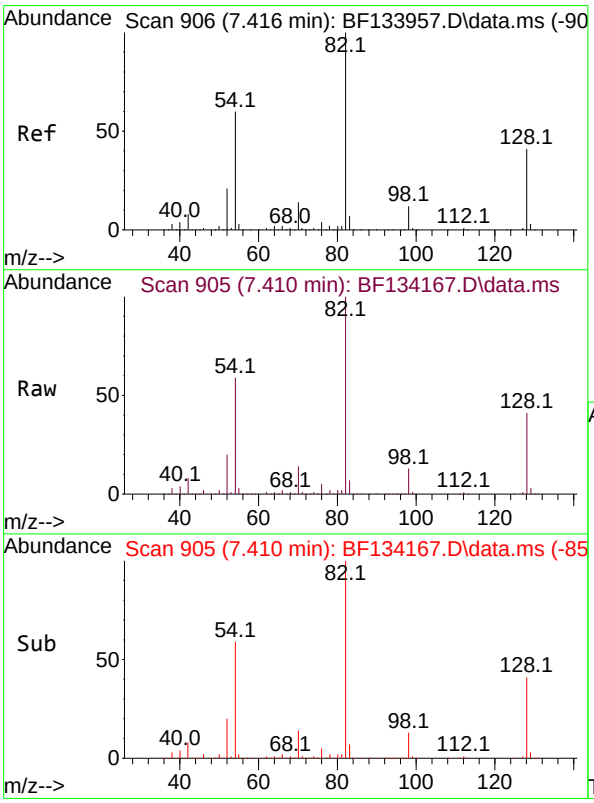
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1156081

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	9.3	6.5	9.7
68	5.7	4.2	6.2

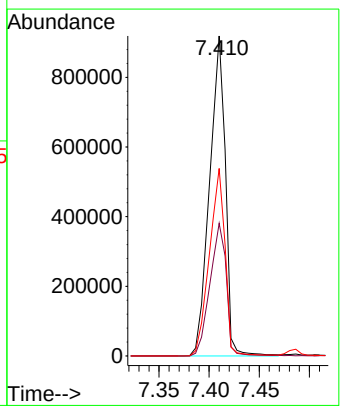


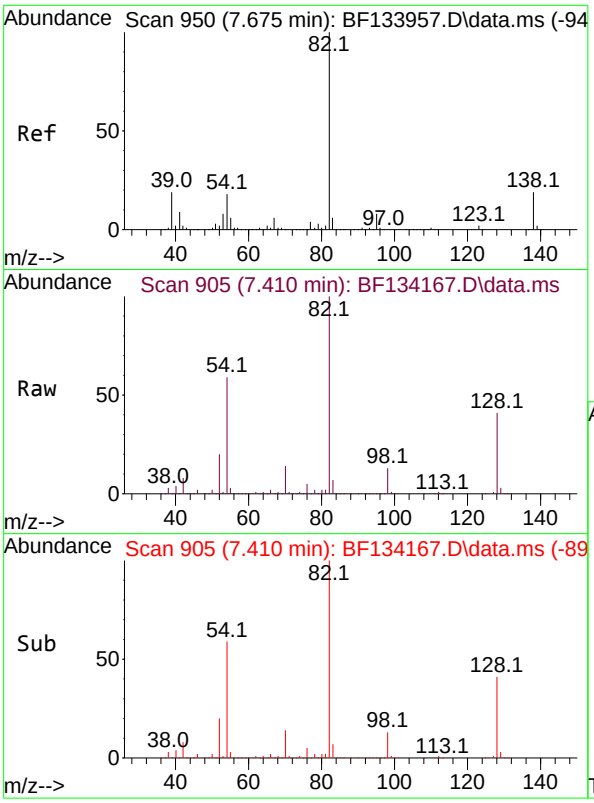


#23
Nitrobenzene-d5
Concen: 47.075 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

Tgt Ion: 82 Resp: 1009598

Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.5	48.7
54	58.6	48.2	72.2



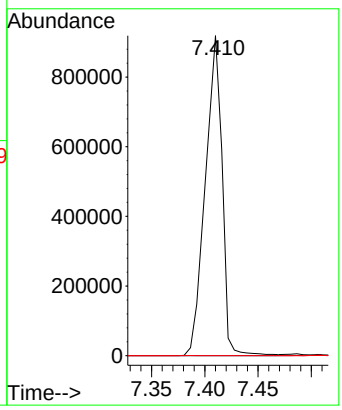


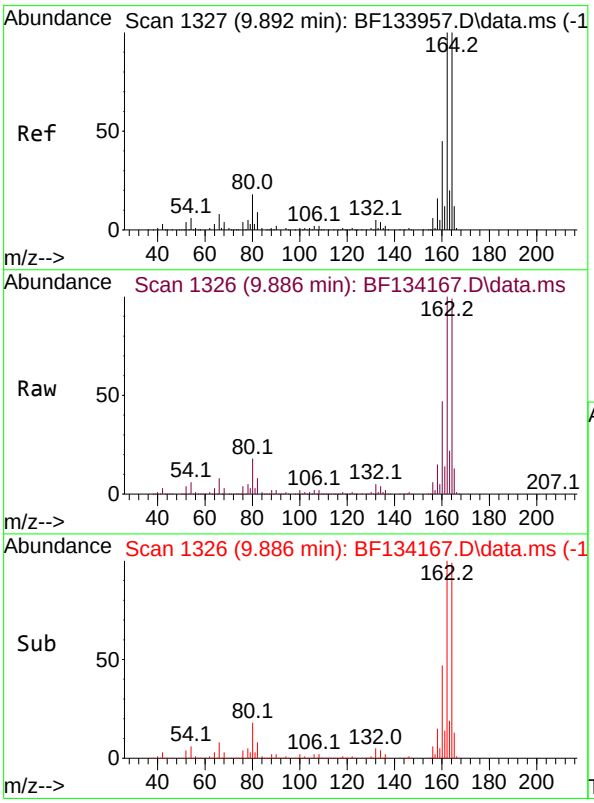
#25
Isophorone
Concen: 25.902 ng
RT: 7.410 min Scan# 9
Delta R.T. -0.265 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1009577

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.1	9.1#
138	0.0	15.2	22.8#

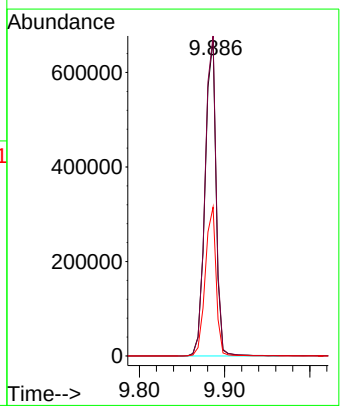


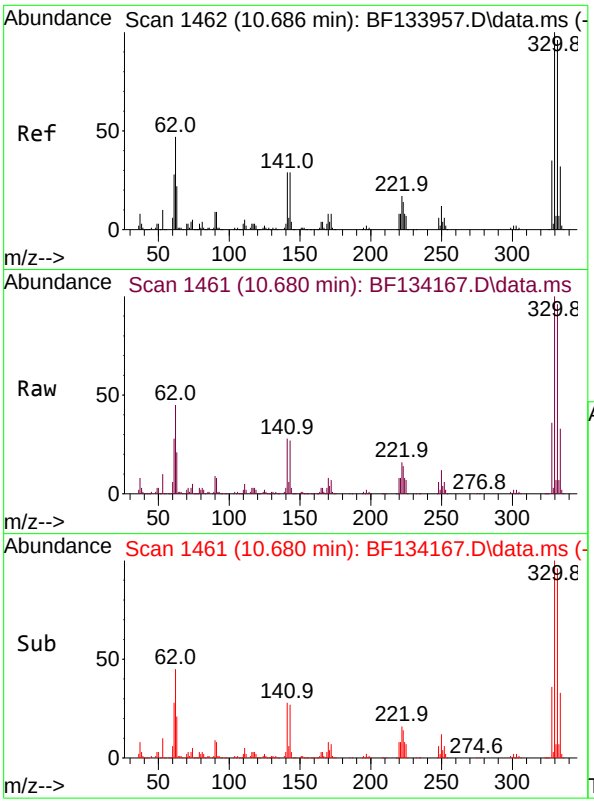


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

Tgt Ion:164 Resp: 598651

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.0	120.0
160	47.1	35.9	53.9



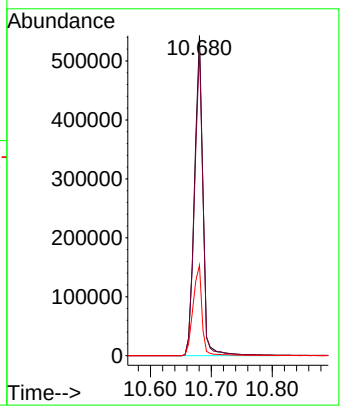


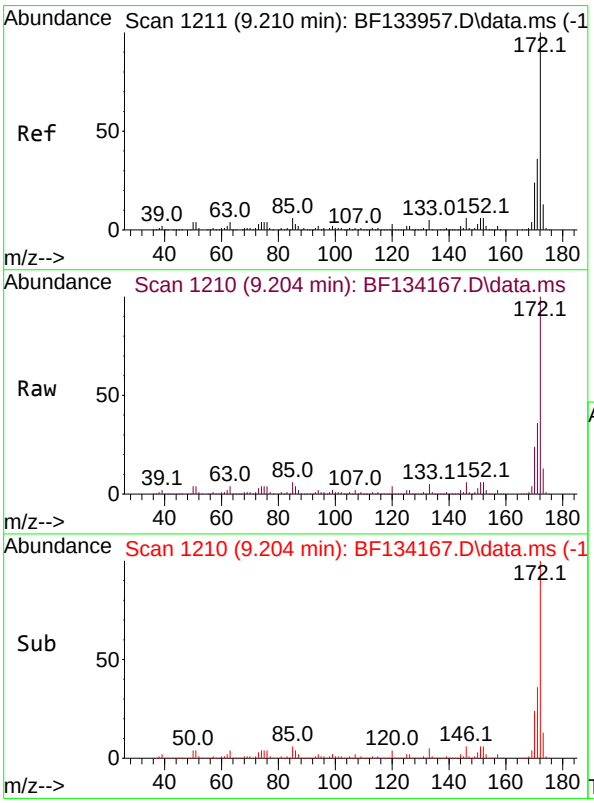
#42
2,4,6-Tribromophenol
Concen: 69.556 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 522081

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	30.0	26.3	39.5

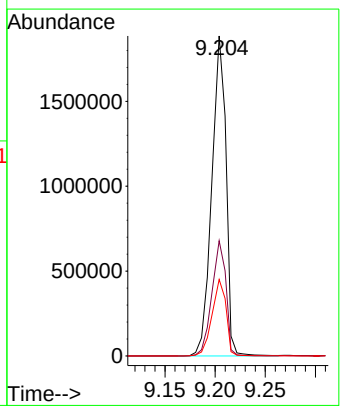


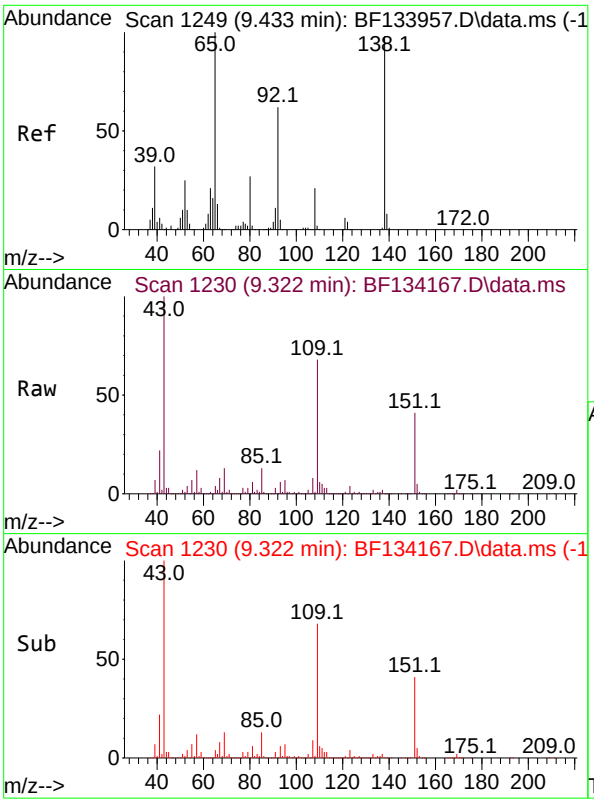


#45
2-Fluorobiphenyl
Concen: 45.147 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

Tgt Ion:172 Resp: 1858968

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.9	19.4	29.0



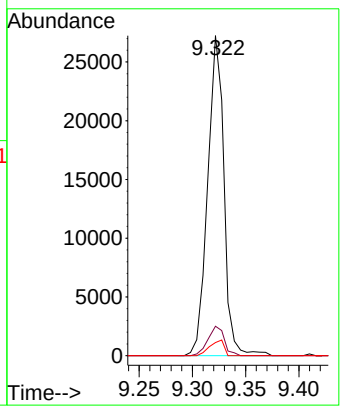


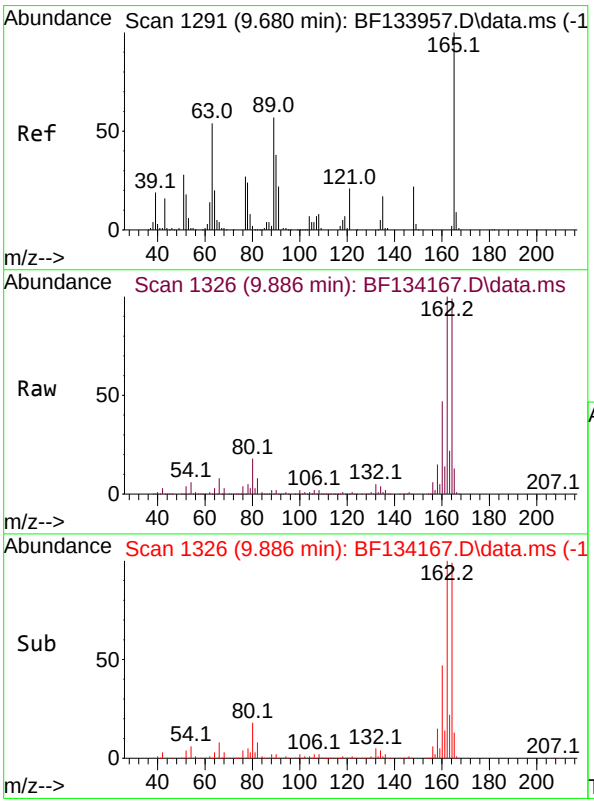
#48
2-Nitroaniline
Concen: 2.270 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.118 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 29062

Ion	Ratio	Lower	Upper
65	100		
92	9.2	49.5	74.3#
138	4.1	78.0	117.0#

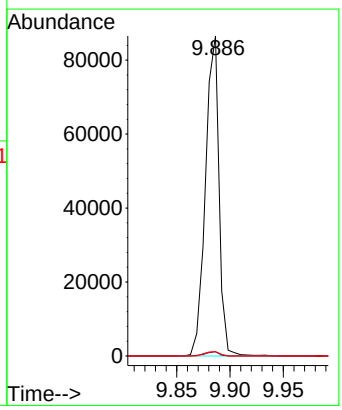


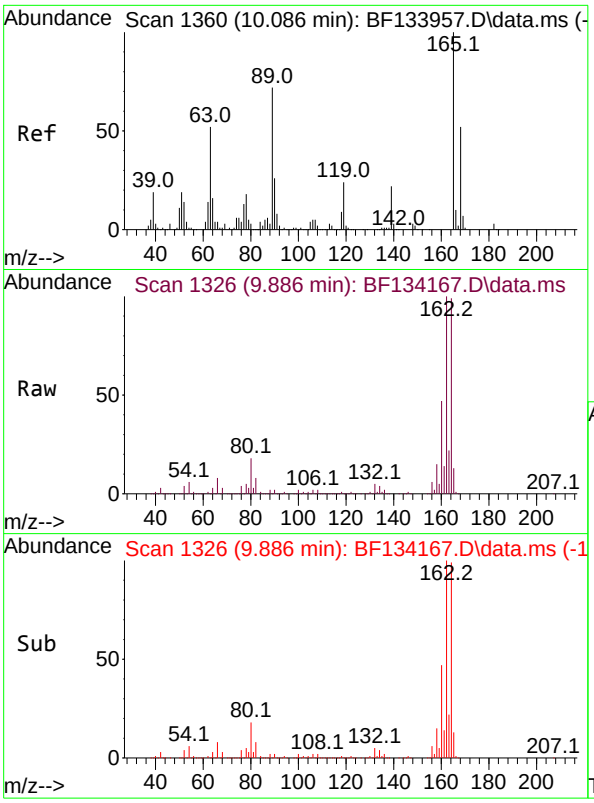


#51
2,6-Dinitrotoluene
Concen: 8.218 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

Tgt Ion:165 Resp: 76914

Ion	Ratio	Lower	Upper
165	100		
63	1.3	48.5	72.7#
89	1.3	45.5	68.3#



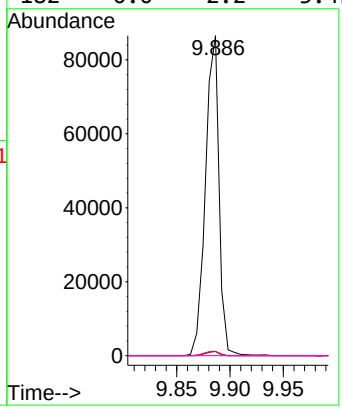


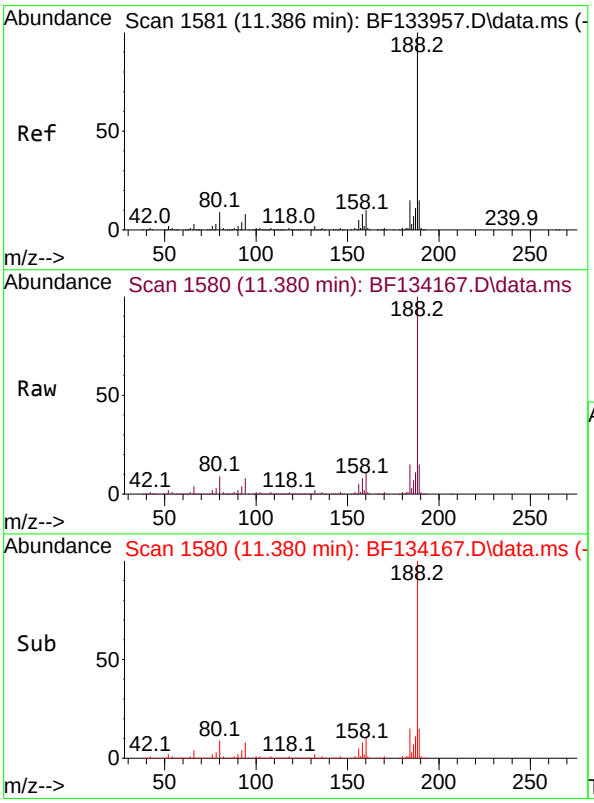
#57
2,4-Dinitrotoluene
Concen: 6.222 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.200 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 76914

Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.2	63.2#
89	1.3	57.4	86.2#
182	0.0	2.2	3.4#

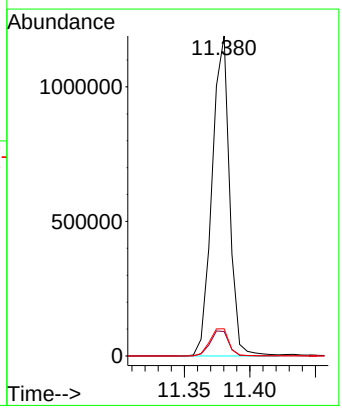


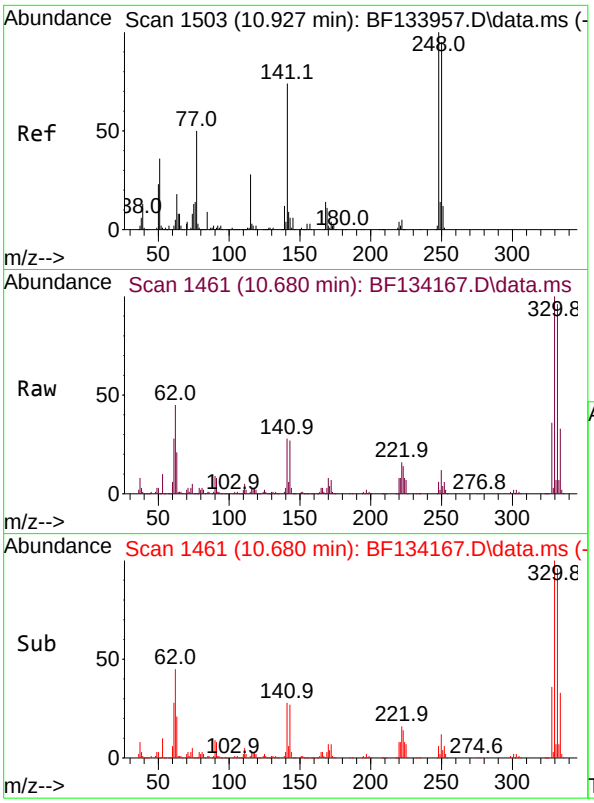


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

Tgt Ion:188 Resp: 1102365

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.4	9.6
80	8.5	7.3	10.9



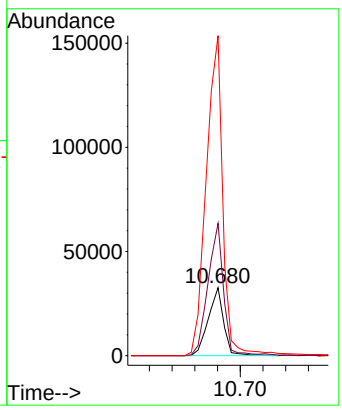


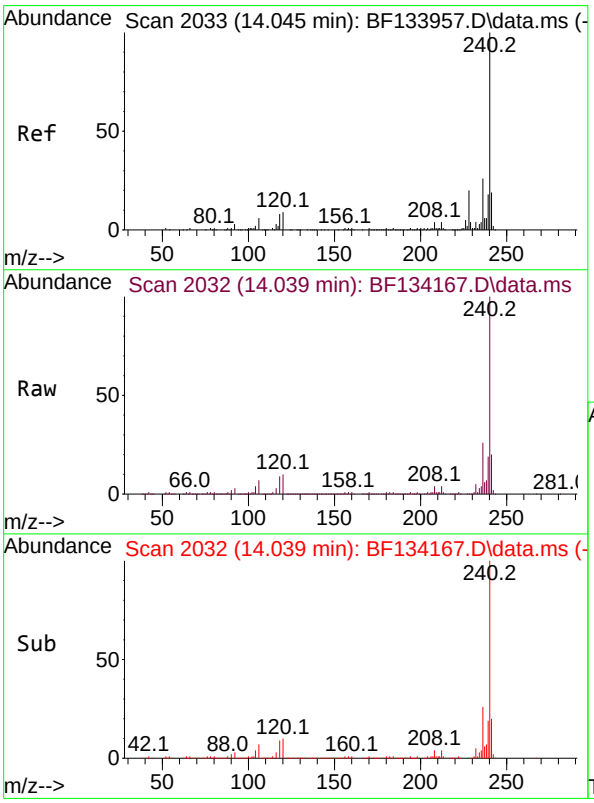
#67
4-Bromophenyl-phenylether
Concen: 2.634 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 30866

Ion	Ratio	Lower	Upper
248	100		
250	194.5	76.2	114.4#
141	470.1	59.0	88.4#

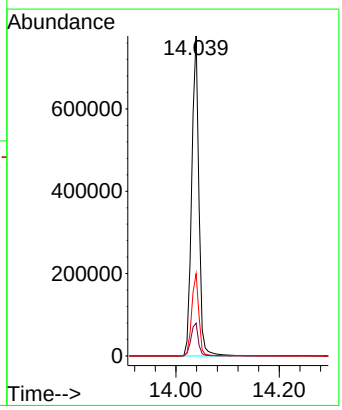


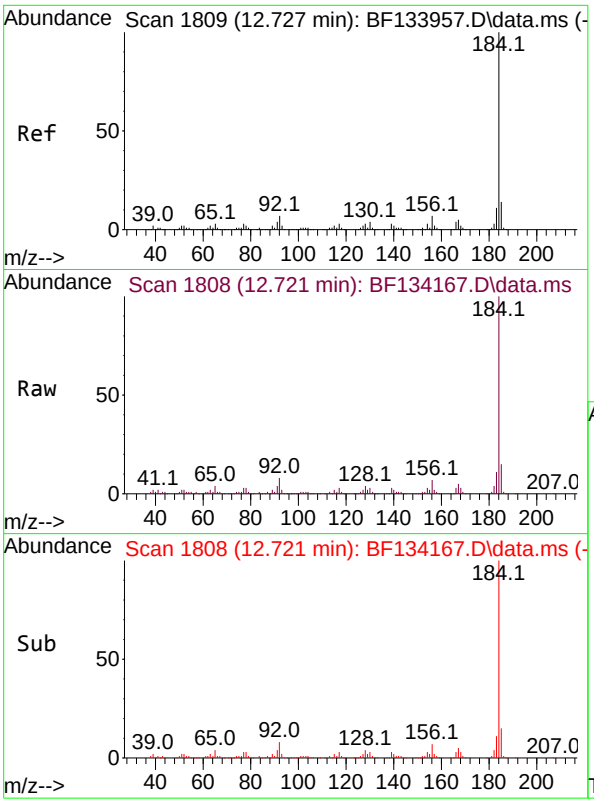


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

Tgt Ion:240 Resp: 749090

Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.4	11.0
236	25.7	21.0	31.6



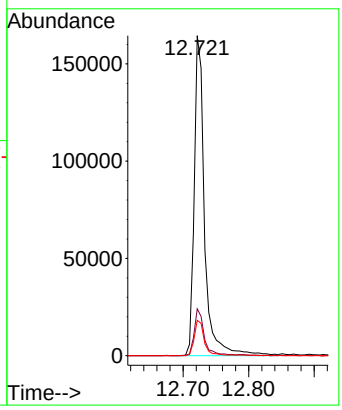


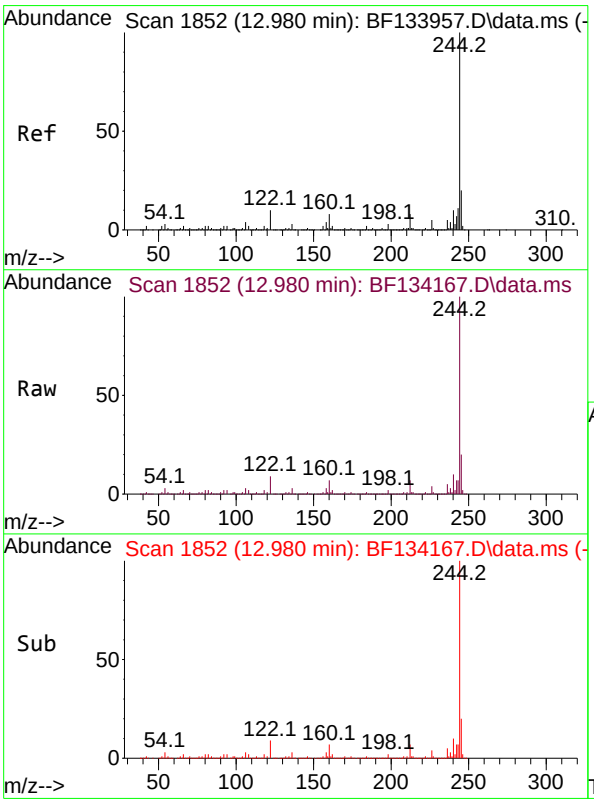
#77
Benzidine
Concen: 10.140 ng
RT: 12.721 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 180737

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.6	17.4
183	11.0	8.8	13.2

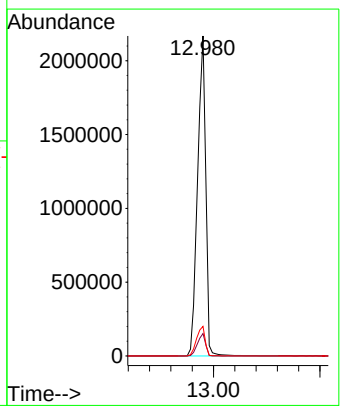


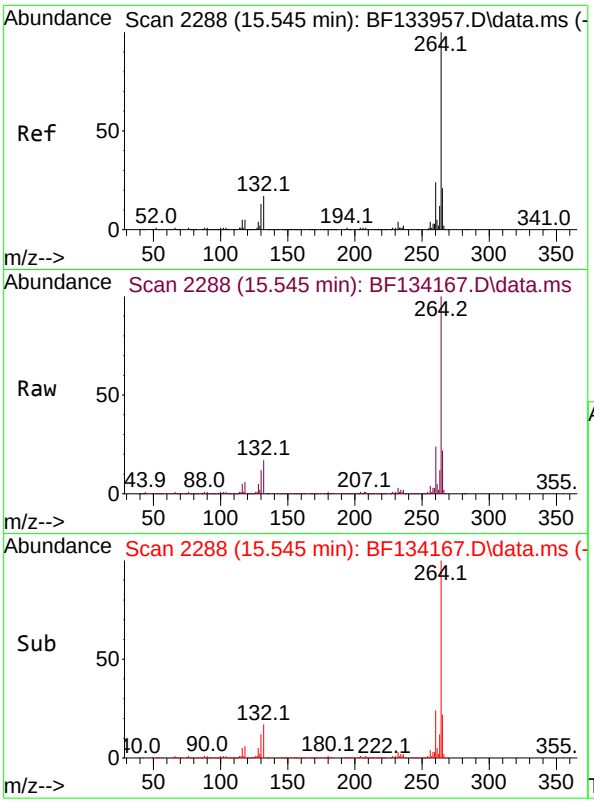


#79
Terphenyl-d14
Concen: 49.495 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

Tgt Ion:244 Resp: 2303681

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	9.2	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 635964

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.4	16.6	25.0