Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
Data File : BF138108.D
Acq On : 03 Jun 2024 15:56
Operator : CG\JU
Sample : P2660-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-08

Quant Time: Jun 03 18:33:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF053124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 01 01:21:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.045	152	125310	20.000	ng	0.01
21) Naphthalene-d8	8.328	136	421978	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	274622	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	438576	20.000	ng	0.00
76) Chrysene-d12	14.227	240	226193	20.000	ng	#-0.01
86) Perylene-d12	15.798	264	258116	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.722	112	130625	18.635	ng	0.06
7) Phenol-d6	6.681	99	303178	33.587	ng	0.02
23) Nitrobenzene-d5	7.610	82	552493	76.293	ng	0.00
42) 2,4,6-Tribromophenol	10.881	330	353579	110.379	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1348551	72.790	ng	0.00
79) Terphenyl-d14	13.163	244	1221259	78.099	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.445	107	64794	7.985	ng	# 55
27) 2,4-Dimethylphenol	7.975	122	293816	63.715	ng	98
31) Naphthalene	8.369	128	8246540	379.822	ng	95
37) 2-Methylnaphthalene	9.039	142	1752936	122.712	ng	98
38) 1-Methylnaphthalene	9.139	142	930819	66.958	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
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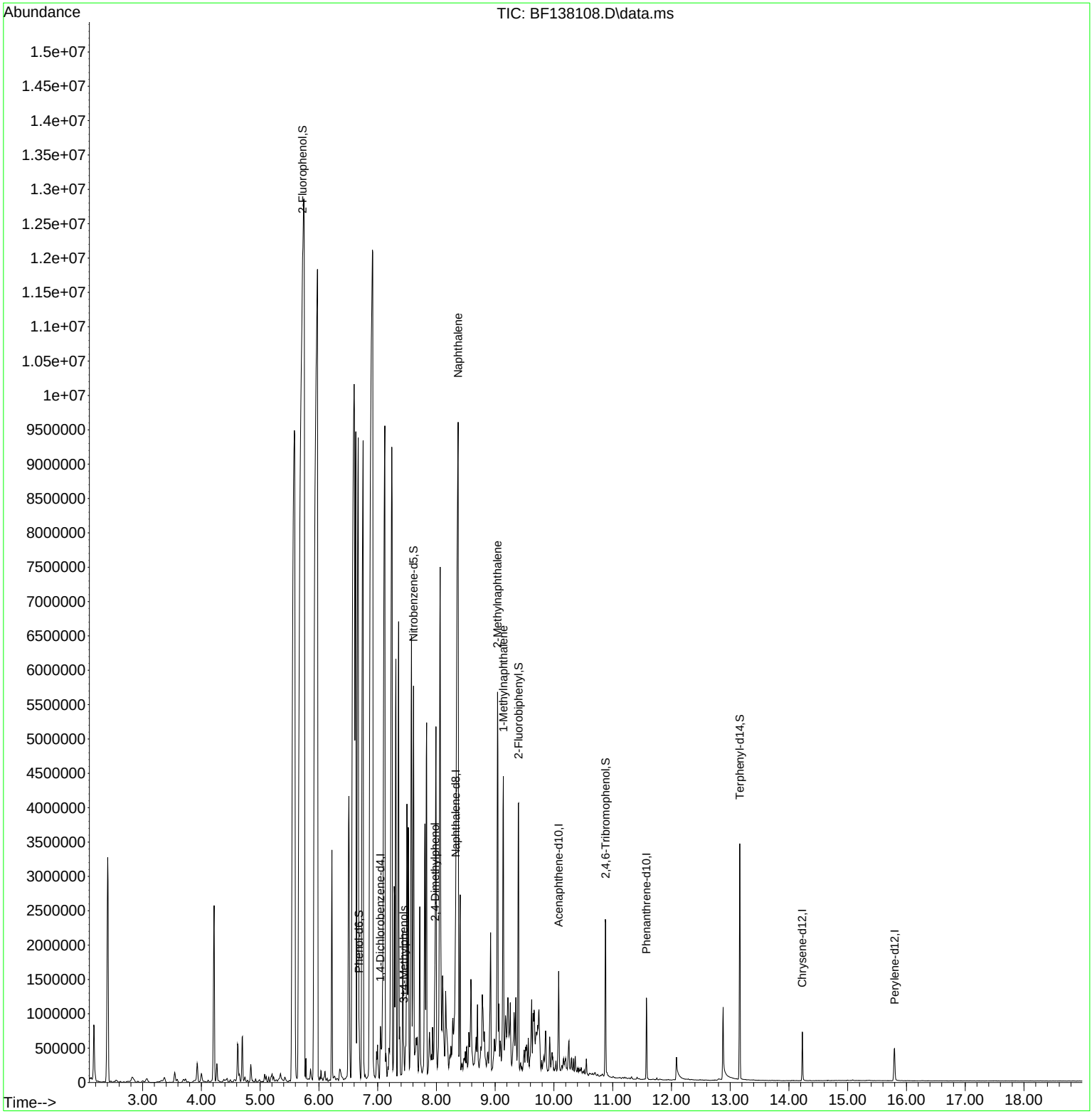
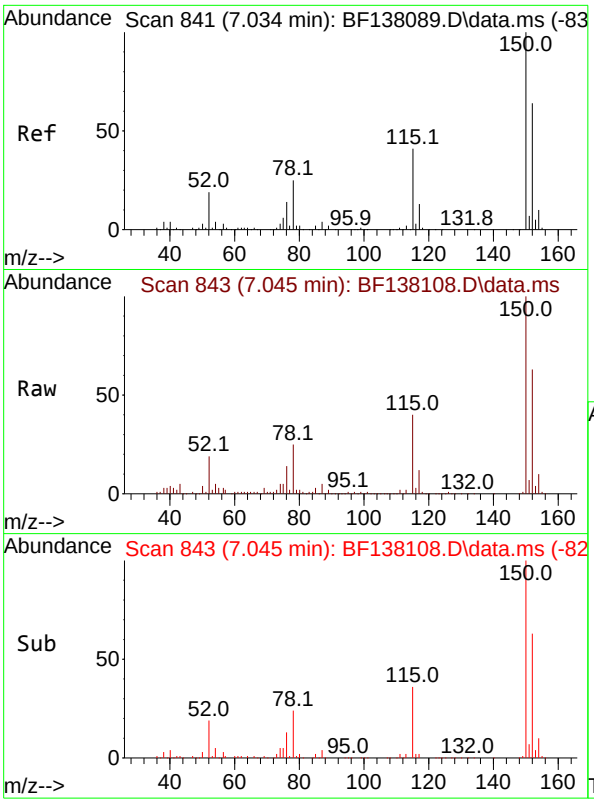
Sample : P2660-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-08

Quant Time: Jun 03 18:33:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF053124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 01 01:21:05 2024
Response via : Initial Calibration



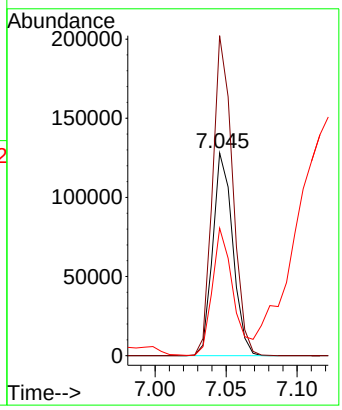


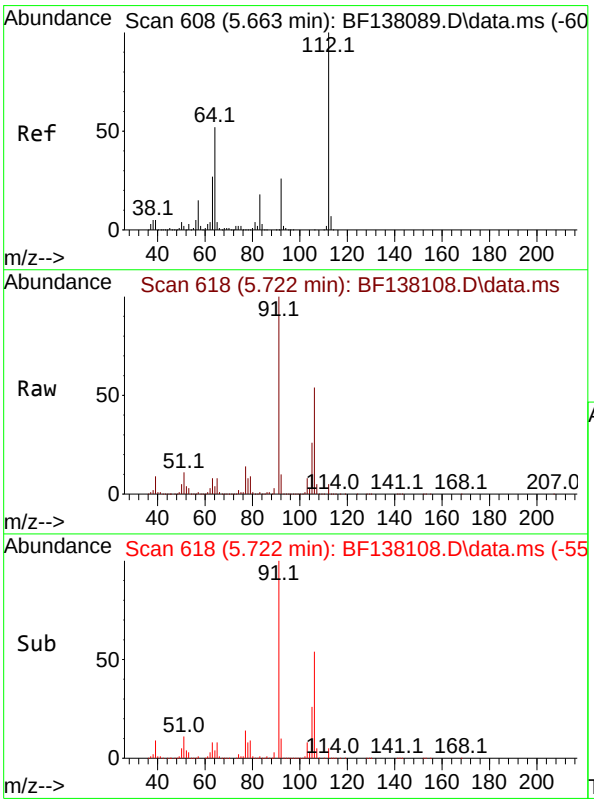
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.045 min Scan# 84
Delta R.T. 0.011 min
Lab File: BF138108.D
Acq: 03 Jun 2024 15:56

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:152 Resp: 125310

Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.4	188.0
115	62.9	51.6	77.4

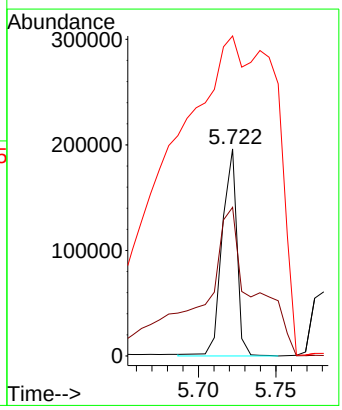


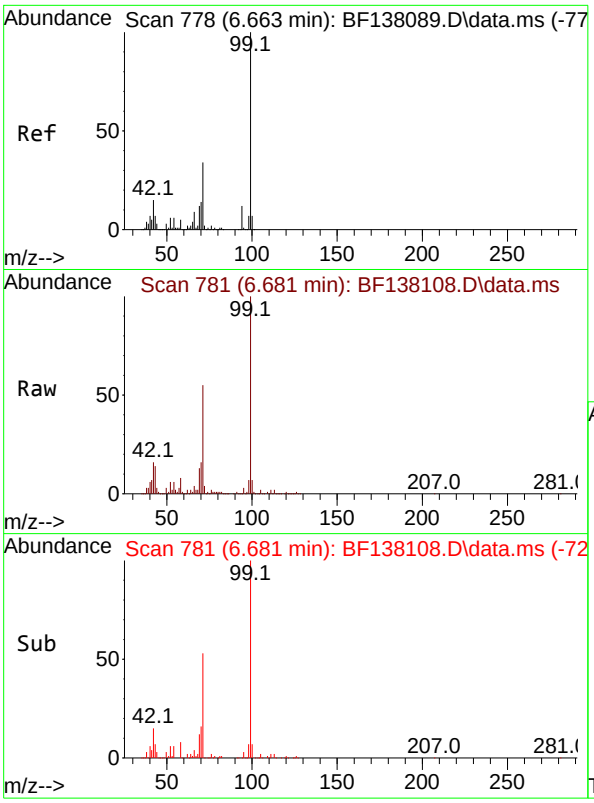


#5
2-Fluorophenol
Concen: 18.635 ng
RT: 5.722 min Scan# 618
Delta R.T. 0.059 min
Lab File: BF138108.D
Acq: 03 Jun 2024 15:56

Tgt Ion:112 Resp: 130625

Ion	Ratio	Lower	Upper
112	100		
64	71.8	41.4	62.2#
63	154.5	21.5	32.3#



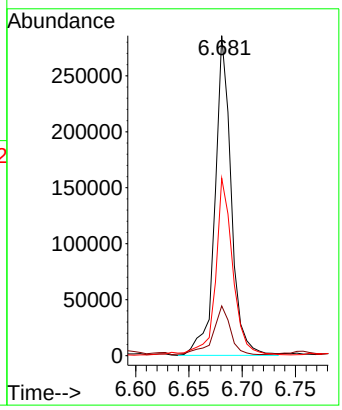


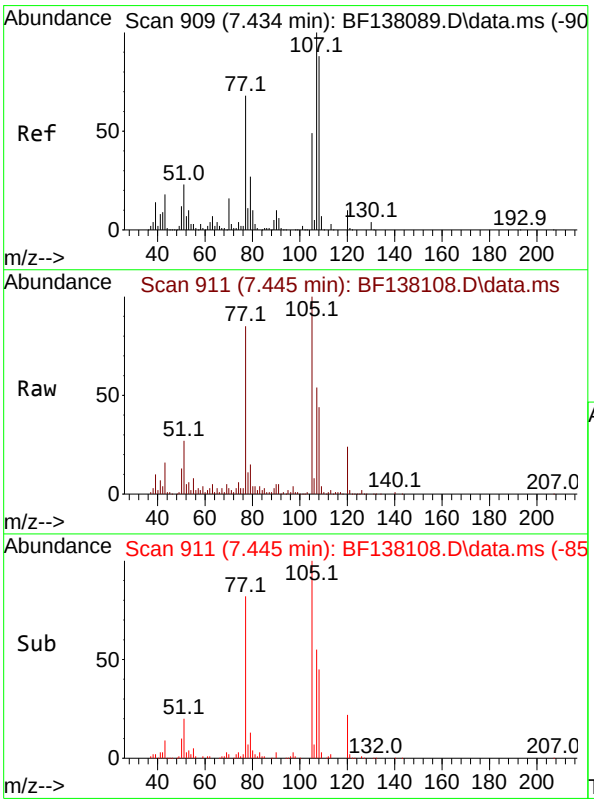
#7
Phenol-d6
Concen: 33.587 ng
RT: 6.681 min Scan# 7
Delta R.T. 0.018 min
Lab File: BF138108.D
Acq: 03 Jun 2024 15:56

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion: 99 Resp: 303178

Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.9	17.9
71	55.4	26.8	40.2#

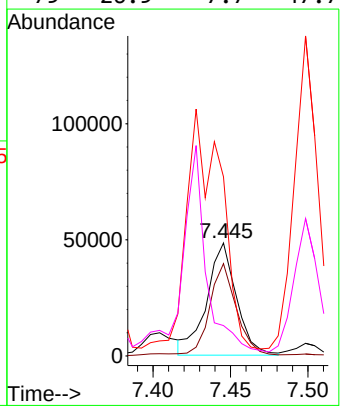


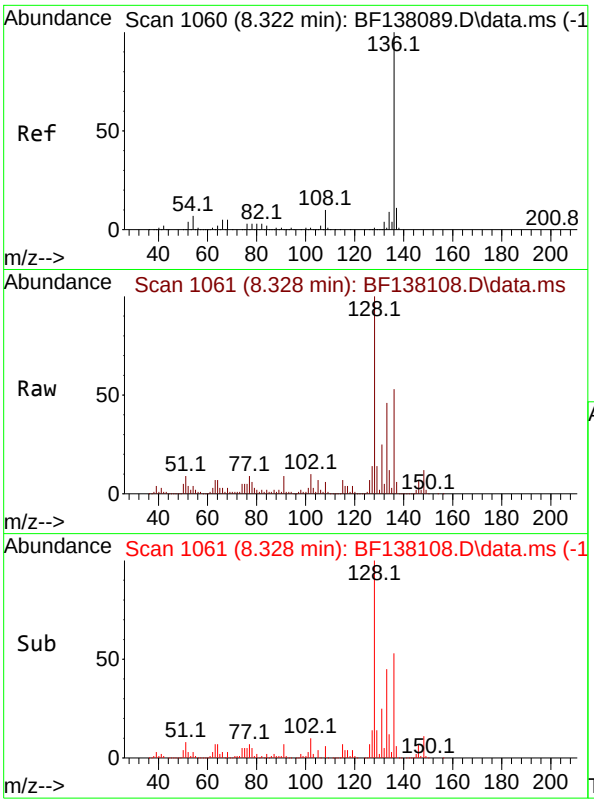


#20
3+4-Methylphenols
Concen: 7.985 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.012 min
Lab File: BF138108.D
Acq: 03 Jun 2024 15:56

Tgt Ion:107 Resp: 64794

Ion	Ratio	Lower	Upper
107	100		
108	81.7	68.2	108.2
77	158.5	48.4	88.4#
79	26.9	7.7	47.7



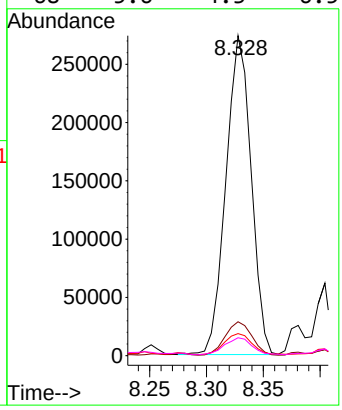


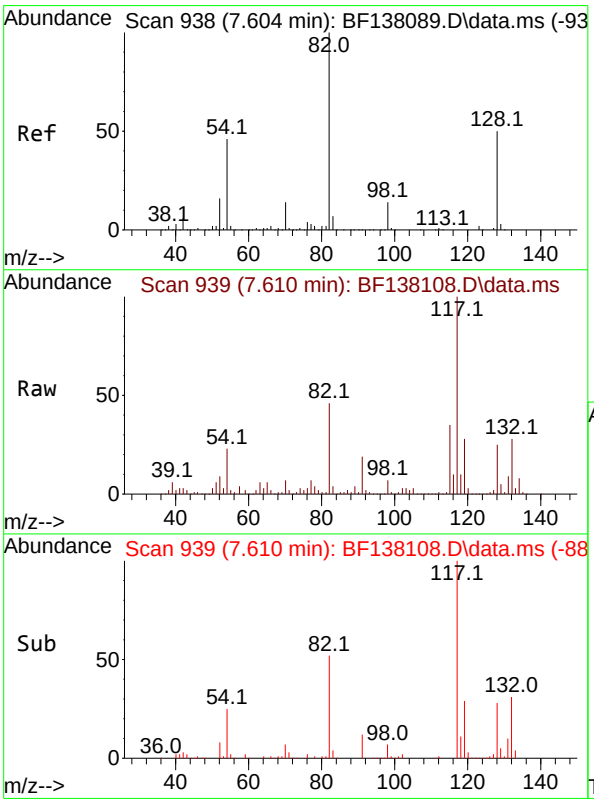
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.328 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF138108.D
Acq: 03 Jun 2024 15:56

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:136 Resp: 421978

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.9	5.4	8.0
68	5.6	4.3	6.5

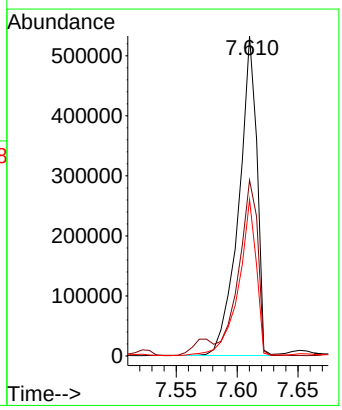


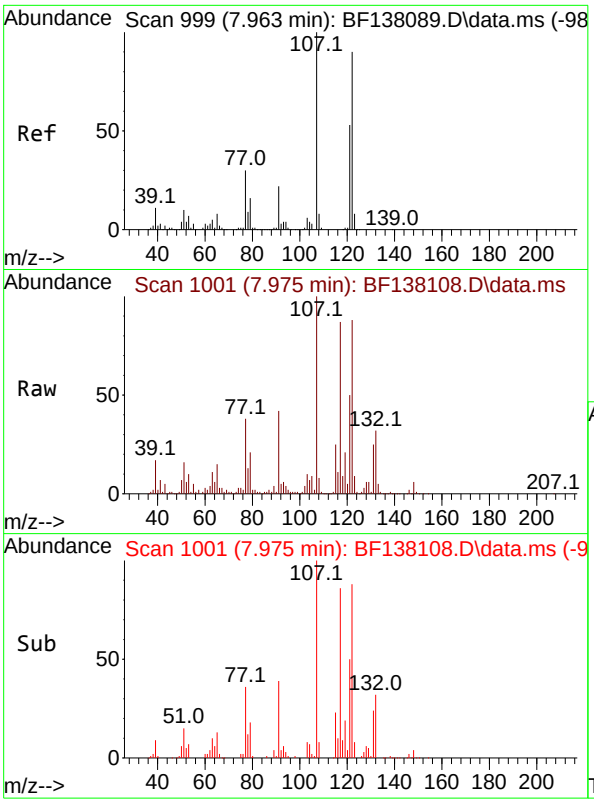


#23
Nitrobenzene-d5
Concen: 76.293 ng
RT: 7.610 min Scan# 939
Delta R.T. 0.006 min
Lab File: BF138108.D
Acq: 03 Jun 2024 15:56

Tgt Ion: 82 Resp: 552493

Ion	Ratio	Lower	Upper
82	100		
128	55.0	39.9	59.9
54	48.9	37.0	55.4



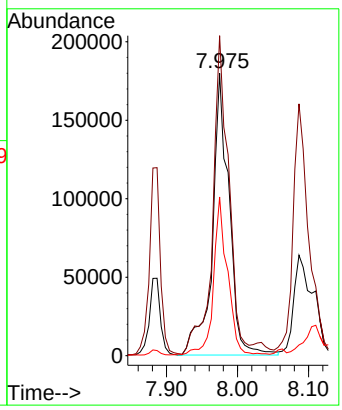


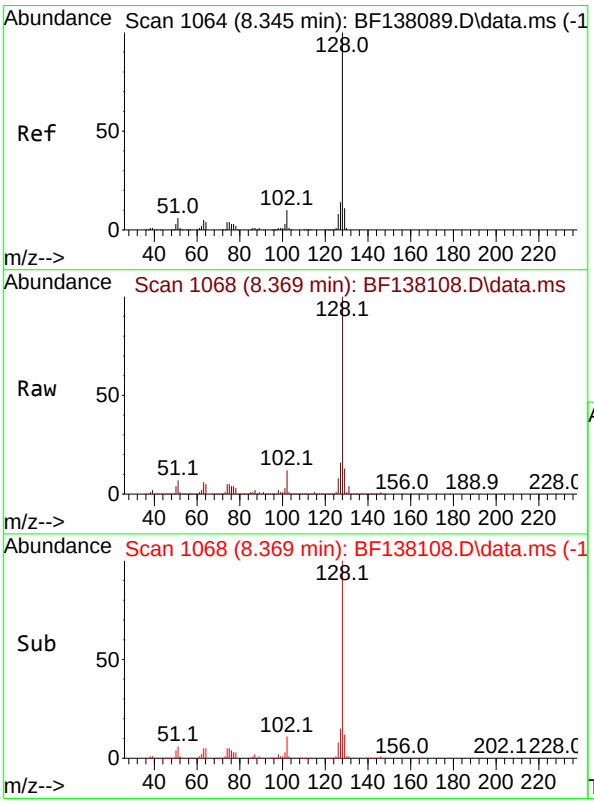
#27
2,4-Dimethylphenol
Concen: 63.715 ng
RT: 7.975 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF138108.D
Acq: 03 Jun 2024 15:56

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:122 Resp: 293816

Ion	Ratio	Lower	Upper
122	100		
107	113.3	88.8	133.2
121	56.2	46.6	69.8

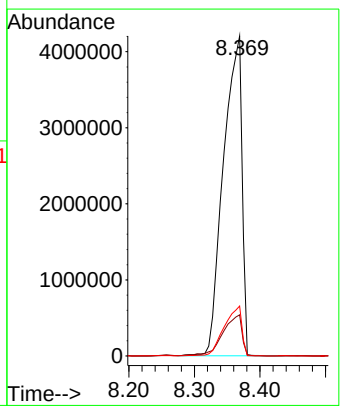


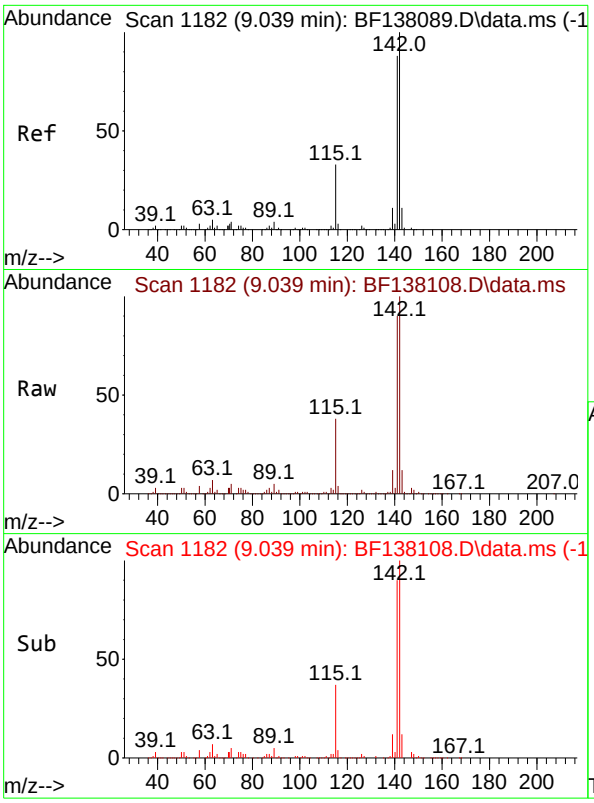


#31
Naphthalene
Concen: 379.822 ng
RT: 8.369 min Scan# 1068
Delta R.T. 0.024 min
Lab File: BF138108.D
Acq: 03 Jun 2024 15:56

Tgt Ion:128 Resp: 8246540

Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.8	13.2
127	15.6	10.8	16.2



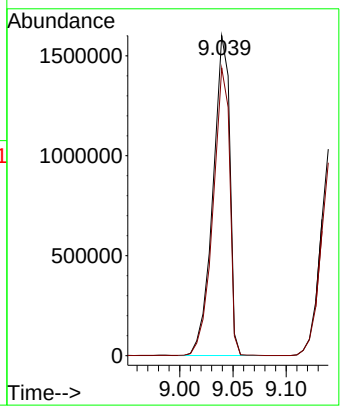


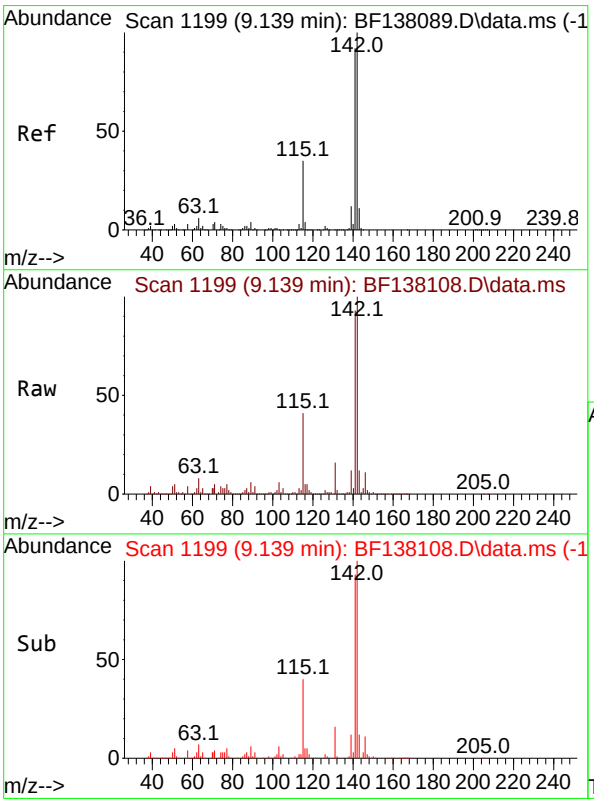
#37
2-Methylnaphthalene
Concen: 122.712 ng
RT: 9.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138108.D
Acq: 03 Jun 2024 15:56

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:142 Resp: 1752936

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.2	105.2

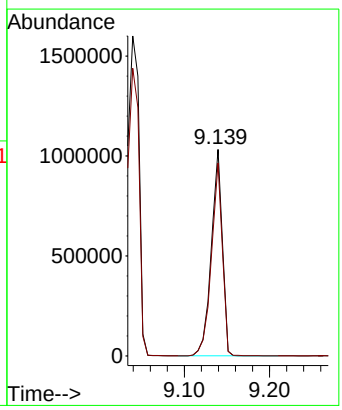


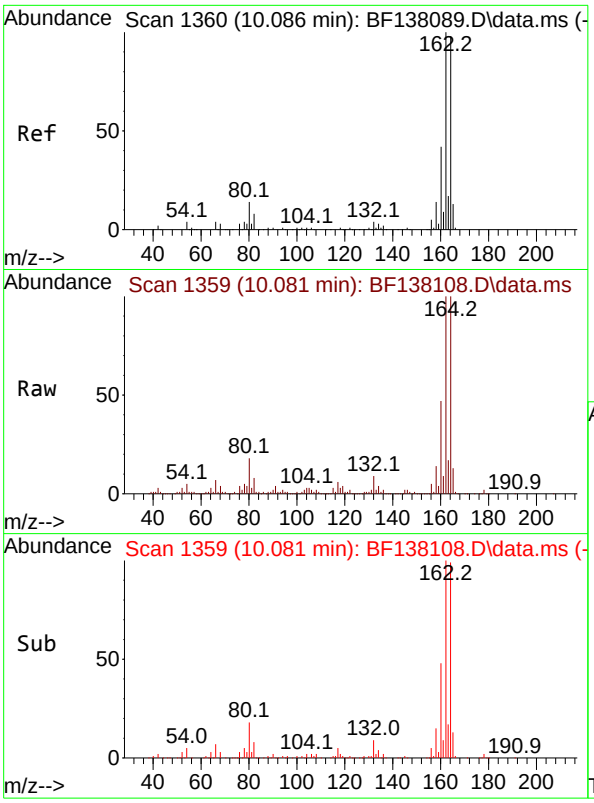


#38
1-Methylnaphthalene
Concen: 66.958 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF138108.D
Acq: 03 Jun 2024 15:56

Tgt Ion:142 Resp: 930819

Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.4	110.2



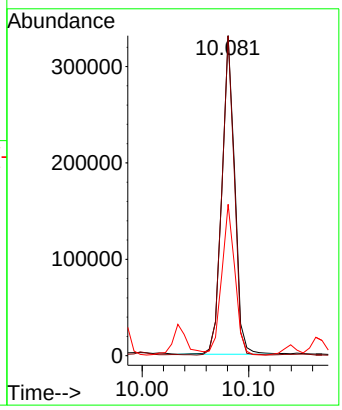


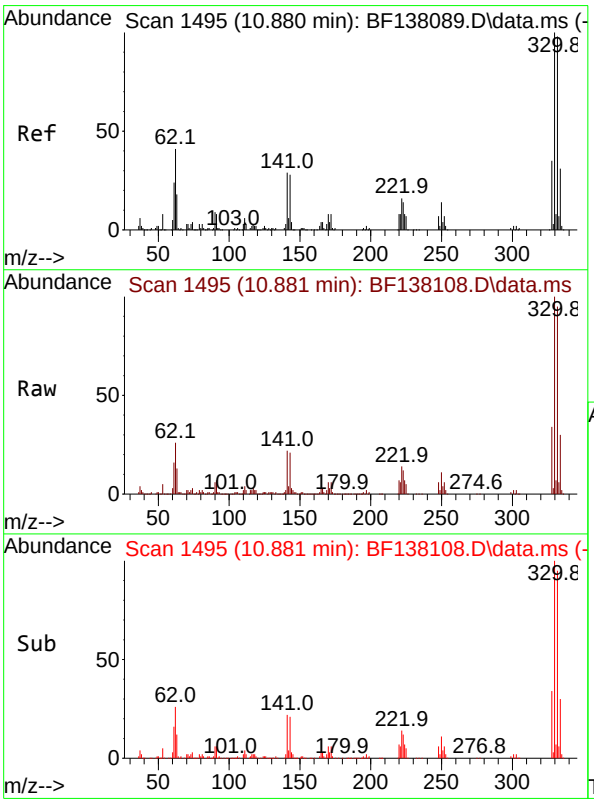
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138108.D
Acq: 03 Jun 2024 15:56

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:164 Resp: 274622

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.7	122.5
160	47.3	34.5	51.7

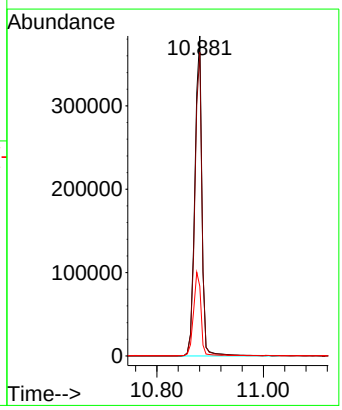


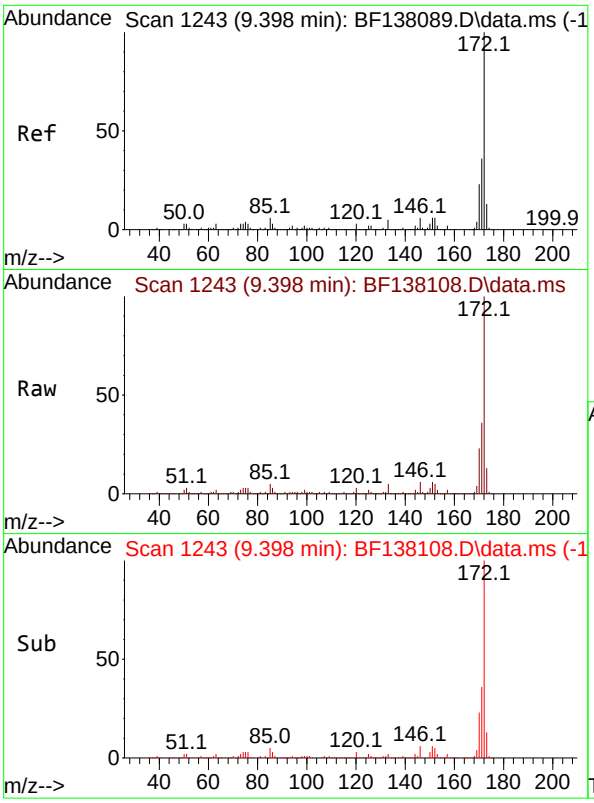


#42
2,4,6-Tribromophenol
Concen: 110.379 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF138108.D
Acq: 03 Jun 2024 15:56

Tgt Ion:330 Resp: 353579

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.3	115.9
141	27.5	21.4	32.0



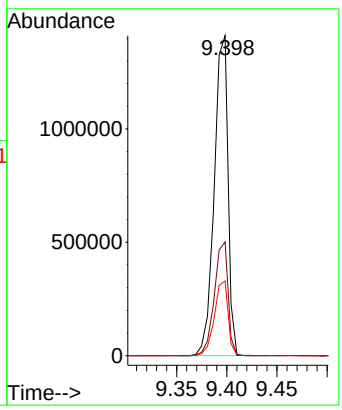


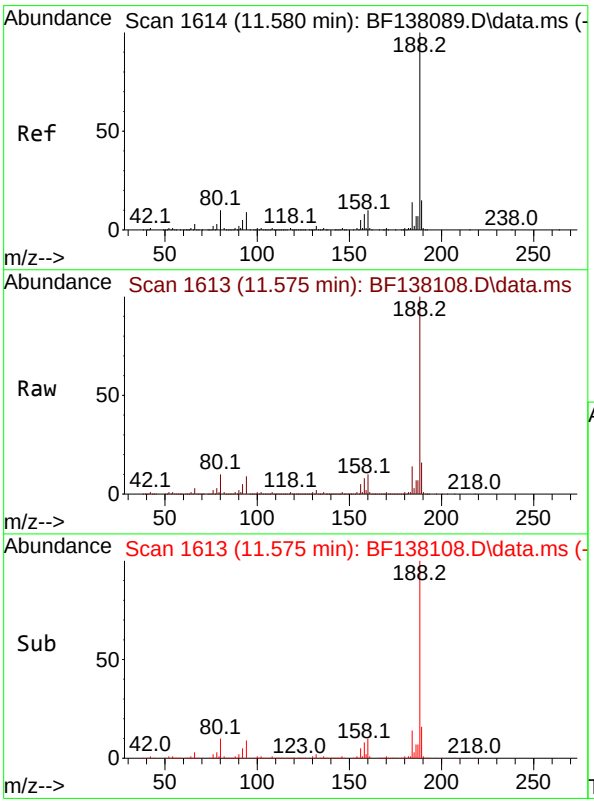
#45
2-Fluorobiphenyl
Concen: 72.790 ng
RT: 9.398 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF138108.D
Acq: 03 Jun 2024 15:56

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:172 Resp: 1348551

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	23.4	18.6	28.0

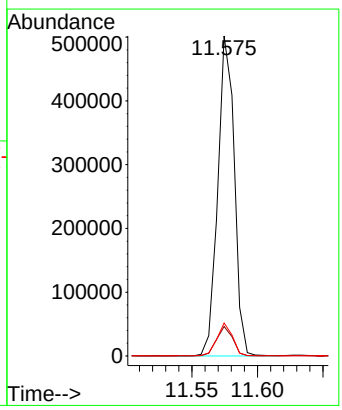


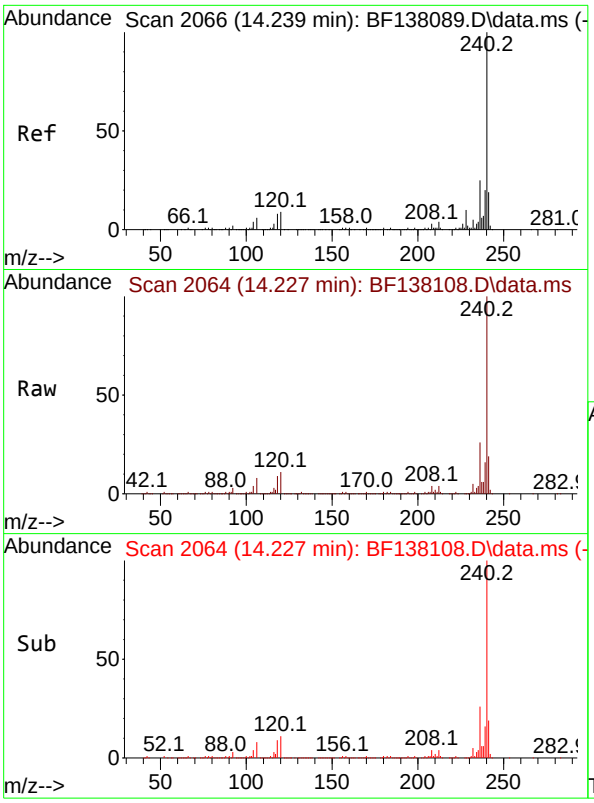


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF138108.D
Acq: 03 Jun 2024 15:56

Tgt Ion:188 Resp: 438576

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.0
80	10.3	7.8	11.8



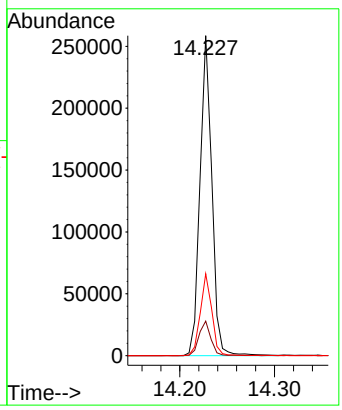


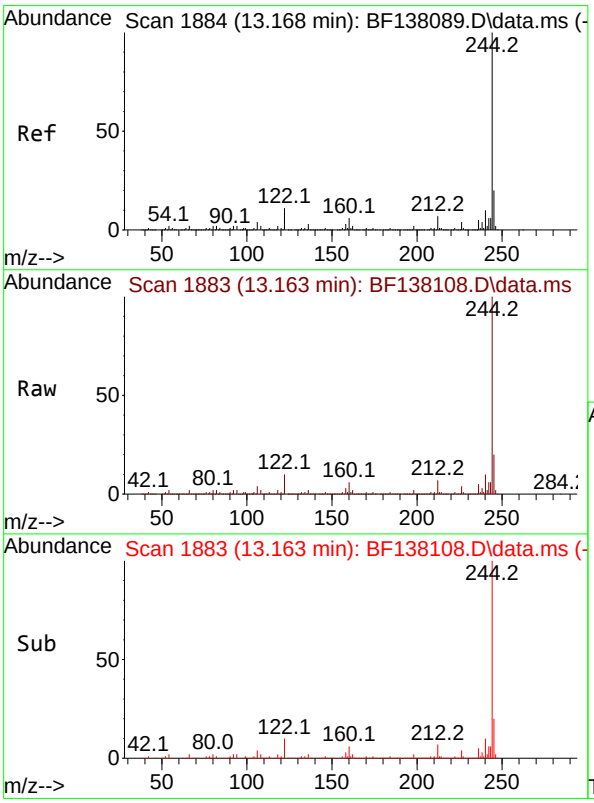
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BF138108.D
Acq: 03 Jun 2024 15:56

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:240 Resp: 226193

Ion	Ratio	Lower	Upper
240	100		
120	10.8	7.1	10.7#
236	25.6	20.4	30.6

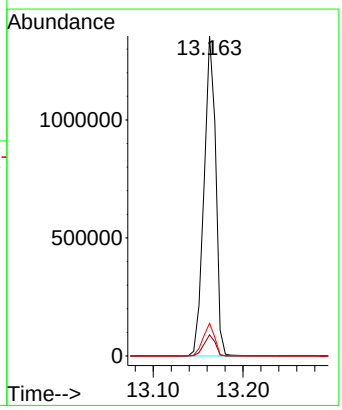


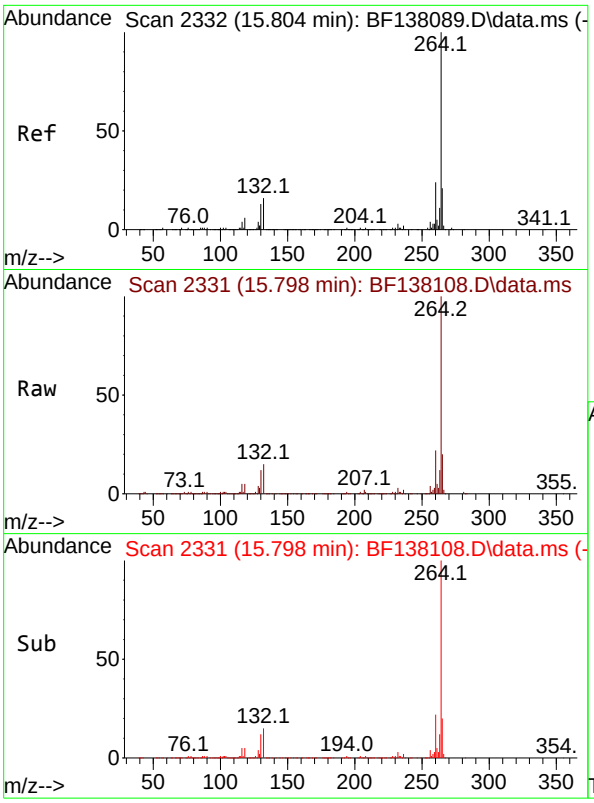


#79
Terphenyl-d14
Concen: 78.099 ng
RT: 13.163 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BF138108.D
Acq: 03 Jun 2024 15:56

Tgt Ion:244 Resp: 1221259

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	10.2	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.798 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF138108.D
Acq: 03 Jun 2024 15:56

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:264 Resp: 258116

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.9	28.3
265	19.9	16.7	25.1