Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
Data File : BF130784.D
Acq On : 26 Oct 2022 15:30
Operator : CG\JU
Sample : N5222-16DL2 40X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-14DL2

Quant Time: Oct 27 09:03:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 08:55:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	150656	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	609142	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	167250	20.000	ng	0.00
64) Phenanthrene-d10	11.074	188	300854	20.000	ng	0.00
76) Chrysene-d12	13.710	240	207167	20.000	ng	0.00
86) Perylene-d12	15.092	264	148690	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	3061	0.350	ng	0.18
7) Phenol-d6	6.357	99	8524	0.806	ng	0.13
23) Nitrobenzene-d5	7.163	82	24345	2.120	ng	0.02
42) 2,4,6-Tribromophenol	10.404	330	3864	2.429	ng	0.02
45) 2-Fluorobiphenyl	8.922	172	57118	5.204	ng	0.00
79) Terphenyl-d14	12.657	244	29419	2.393	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.098	117	9812	2.326	ng	# 1
31) Naphthalene	7.869	128	1488104	47.380	ng	100
32) Benzoic acid	7.869	122	3672	6.709	ng	# 1
33) 4-Chloroaniline	7.869	127	195049	16.142	ng	# 32
37) 2-Methylnaphthalene	8.557	142	187376	9.105	ng	97
38) 1-Methylnaphthalene	8.657	142	244477	11.983	ng	99
50) Dimethylphthalate	9.592	163	31206	2.774	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	22070	8.761	ng	# 31
52) Acenaphthene	9.627	154	23427	2.637	ng	97
56) 4-Nitrophenol	9.827	139	127	4.782	ng	# 7
57) 2,4-Dinitrotoluene	9.592	165	22070	6.503	ng	# 28
77) Benzidine	12.663	184	303	Below Cal		# 66

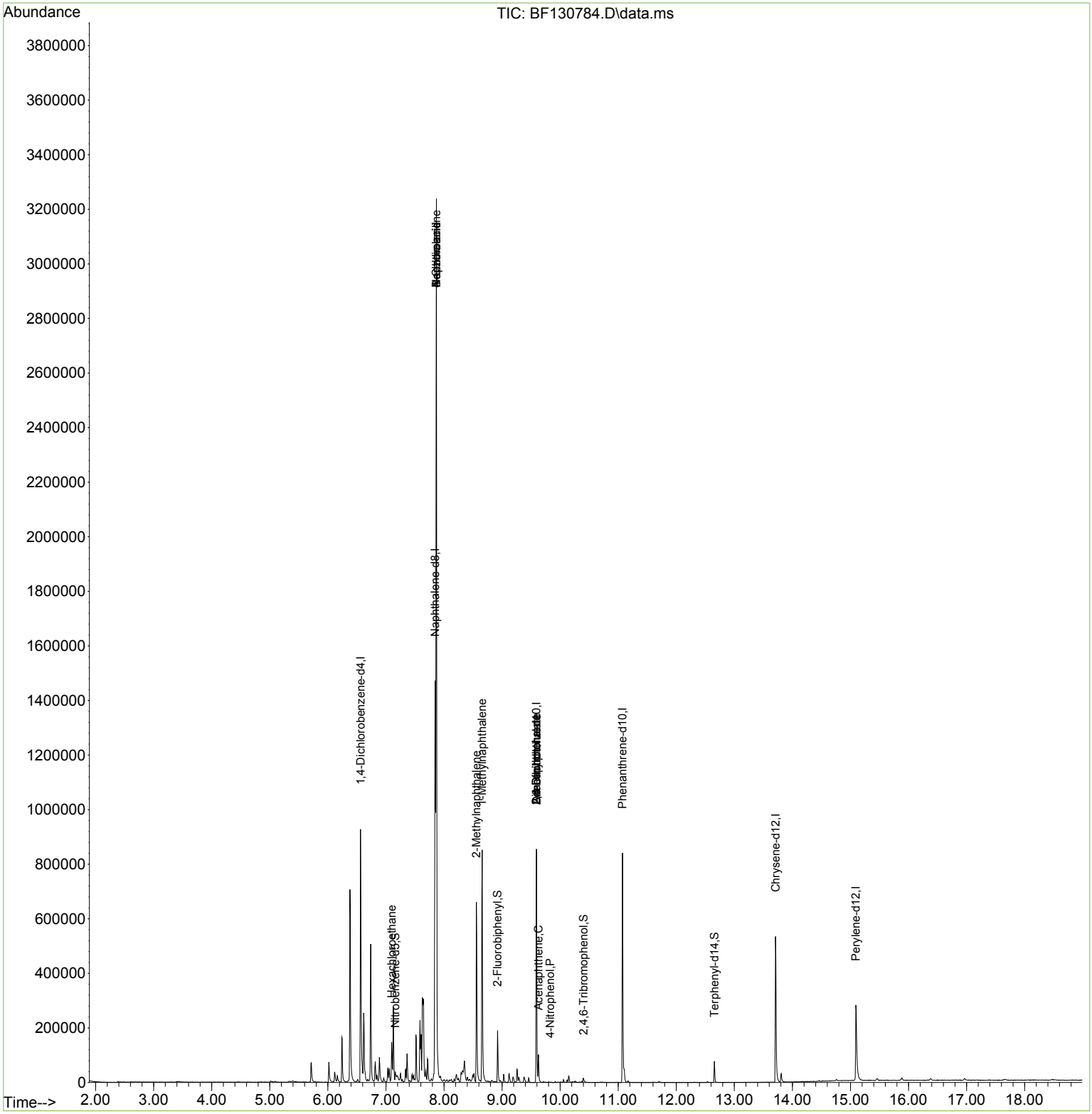
(#) = qualifier out of range (m) = manual integration (+) = signals summed

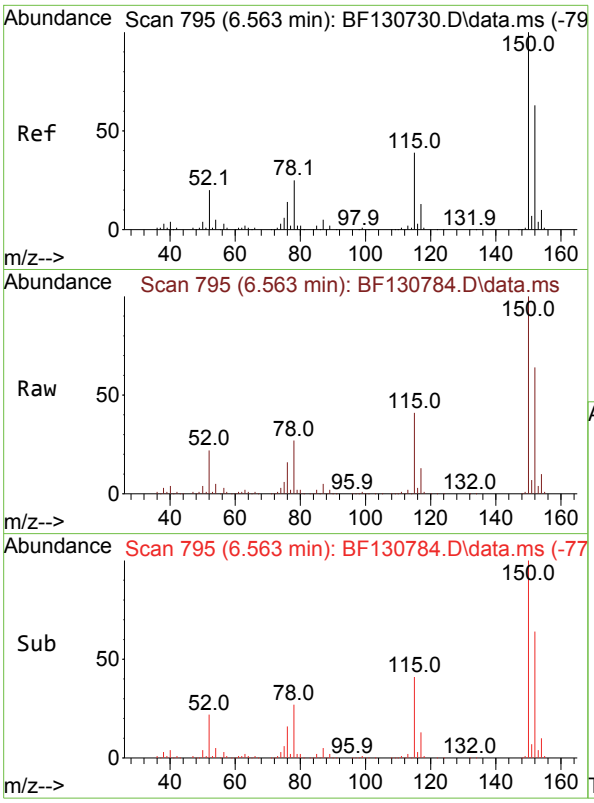
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
Data File : BF130784.D
Acq On : 26 Oct 2022 15:30
Operator : CG\JU
Sample : N5222-16DL2 40X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-14DL2

Quant Time: Oct 27 09:03:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 08:55:38 2022
Response via : Initial Calibration



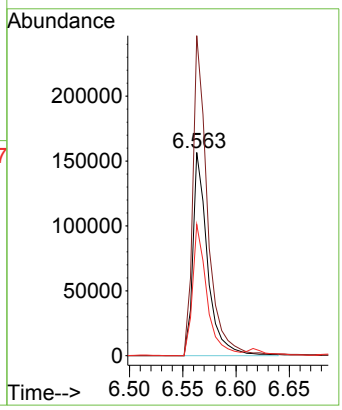


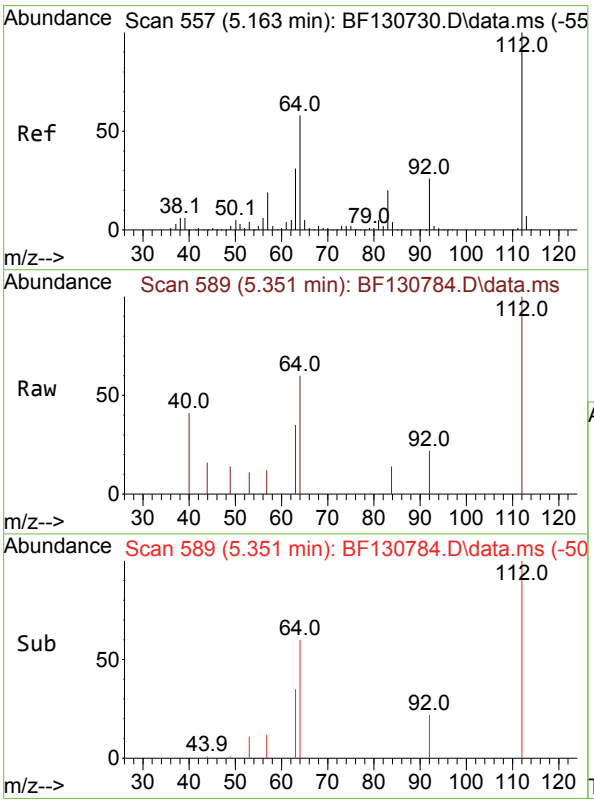
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

Instrument :
BNA_F
ClientSampleId :
MW-14DL2

Tgt Ion:152 Resp: 150656

Ion	Ratio	Lower	Upper
152	100		
150	157.4	127.0	190.6
115	64.6	49.9	74.9

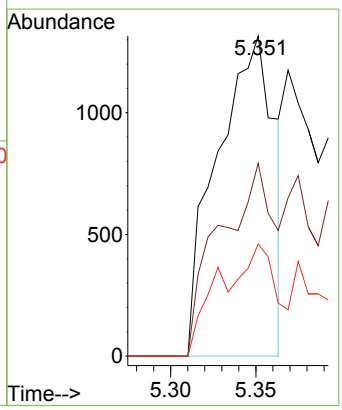


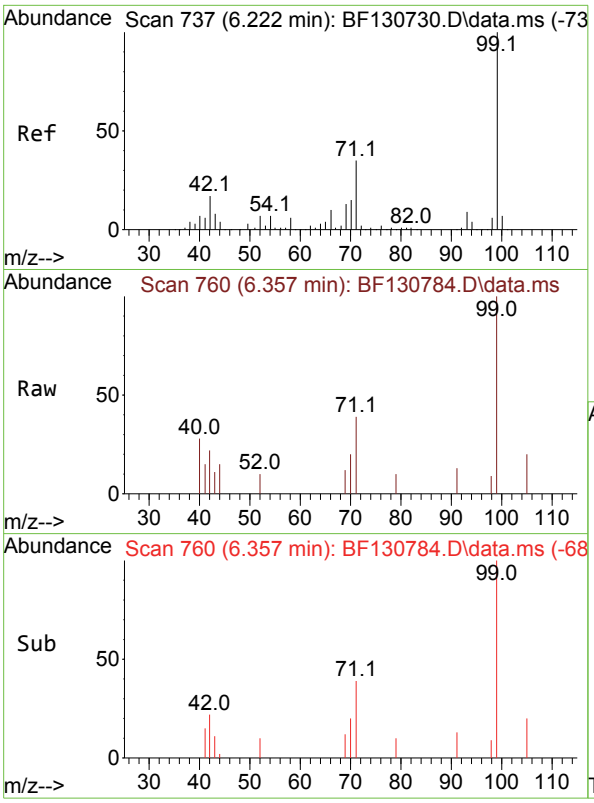


#5
2-Fluorophenol
Concen: 0.350 ng
RT: 5.351 min Scan# 589
Delta R.T. 0.176 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

Tgt Ion:112 Resp: 3061

Ion	Ratio	Lower	Upper
112	100		
64	60.3	46.2	69.4
63	35.0	25.1	37.7



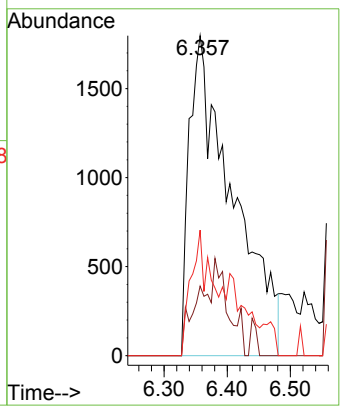


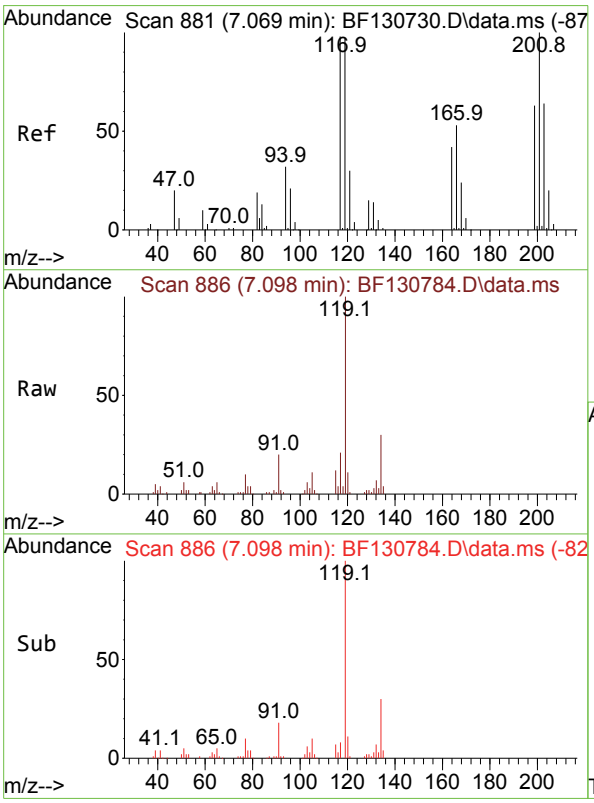
#7
Phenol-d6
Concen: 0.806 ng
RT: 6.357 min Scan# 7
Delta R.T. 0.129 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

Instrument :
BNA_F
ClientSampleId :
MW-14DL2

Tgt Ion: 99 Resp: 8524

Ion	Ratio	Lower	Upper
99	100		
42	21.8	13.8	20.8#
71	39.2	28.3	42.5

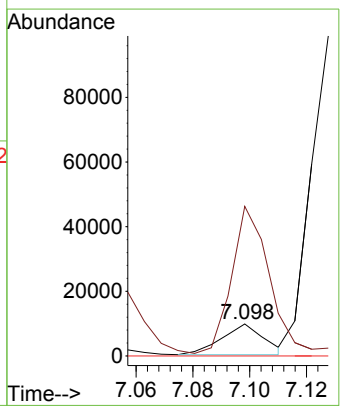


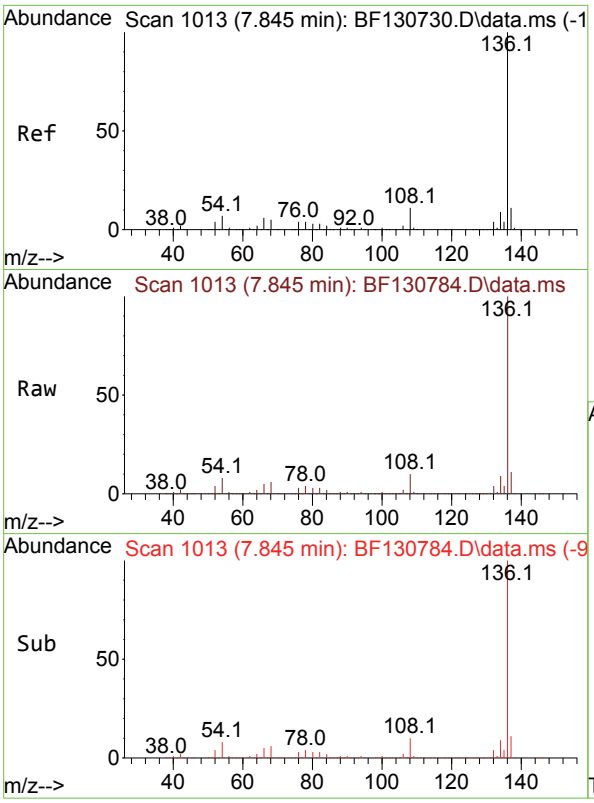


#18
Hexachloroethane
Concen: 2.326 ng
RT: 7.098 min Scan# 886
Delta R.T. 0.035 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

Tgt Ion:117 Resp: 9812

Ion	Ratio	Lower	Upper
117	100		
119	467.6	79.1	118.7#
201	0.0	81.5	122.3#



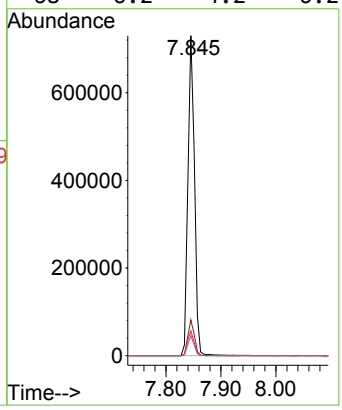


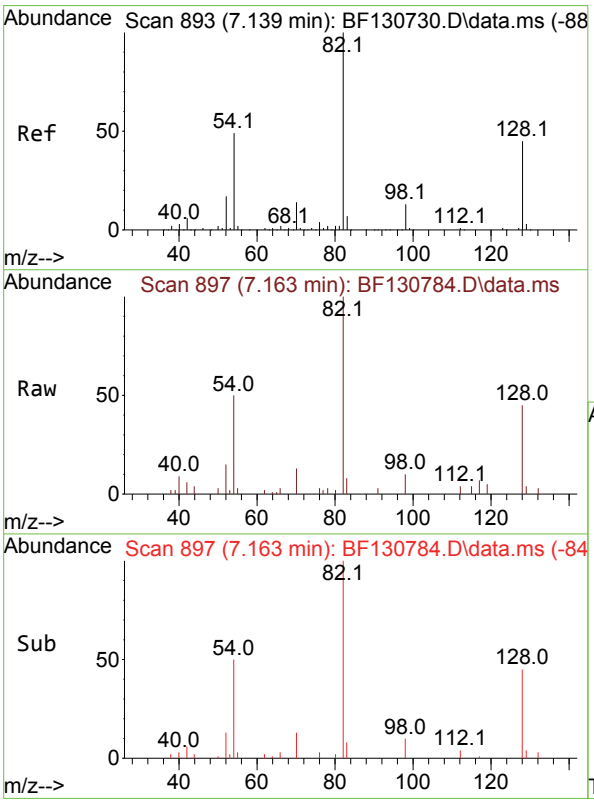
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

Instrument :
BNA_F
ClientSampleId :
MW-14DL2

Tgt Ion:136 Resp: 609142

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.7	5.8	8.8
68	6.2	4.2	6.2

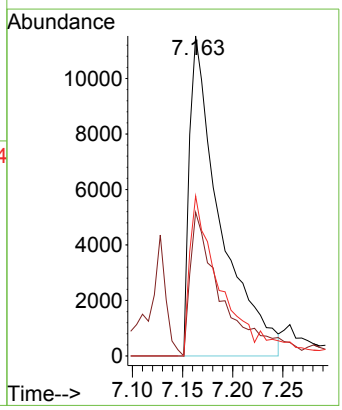


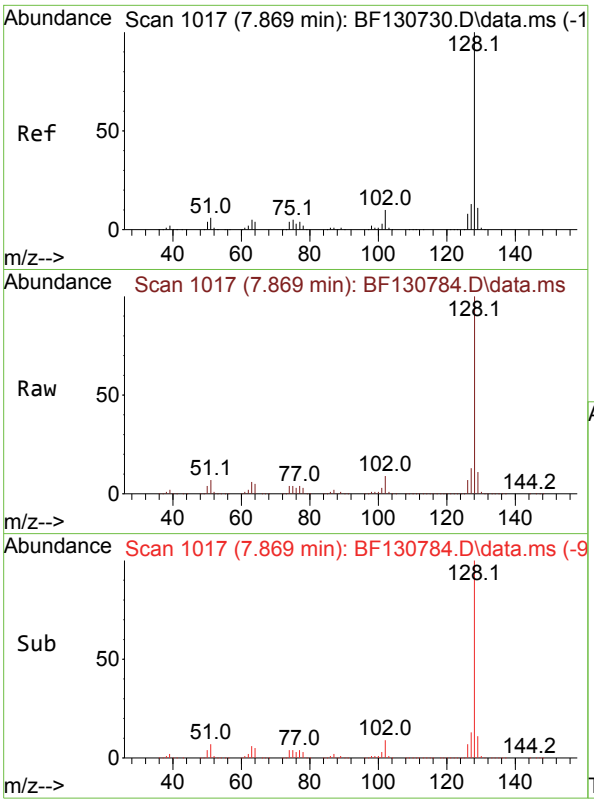


#23
Nitrobenzene-d5
Concen: 2.120 ng
RT: 7.163 min Scan# 897
Delta R.T. 0.023 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

Tgt Ion: 82 Resp: 24345

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.9	53.9
54	50.0	39.2	58.8



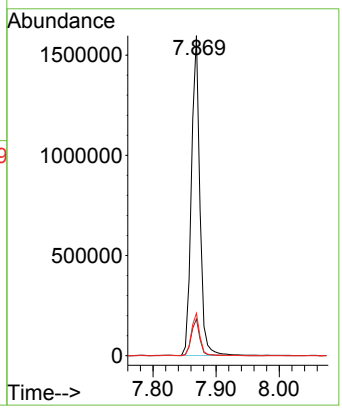


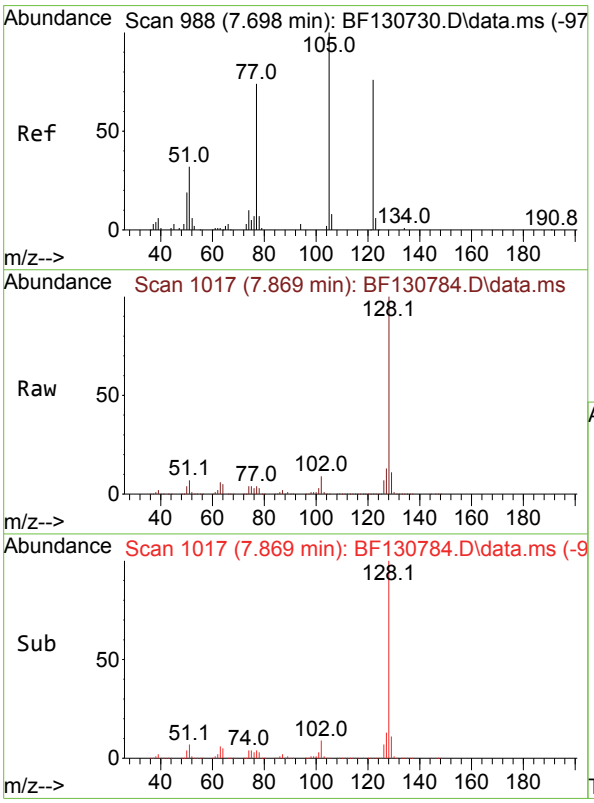
#31
Naphthalene
Concen: 47.380 ng
RT: 7.869 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

Instrument :
BNA_F
ClientSampleId :
MW-14DL2

Tgt Ion:128 Resp: 1488104

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	13.3	10.6	16.0

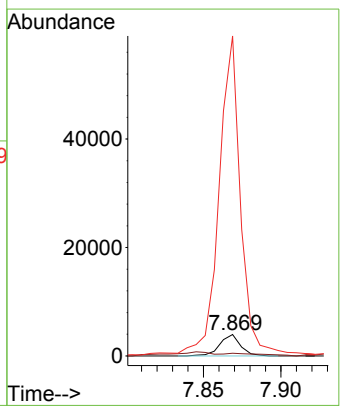


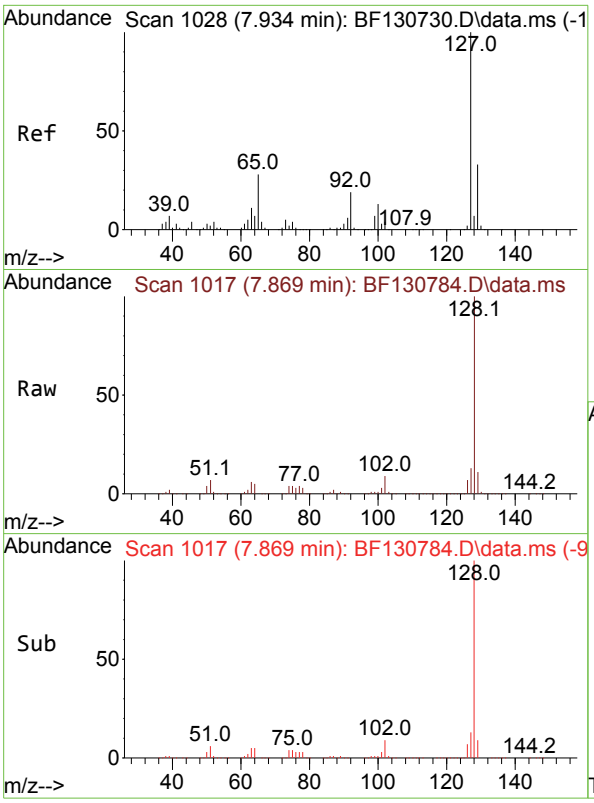


#32
Benzoic acid
Concen: 6.709 ng
RT: 7.869 min Scan# 1017
Delta R.T. 0.165 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

Tgt Ion:122 Resp: 3672

Ion	Ratio	Lower	Upper
122	100		
105	12.7	109.2	149.2#
77	1488.4	75.7	115.7#



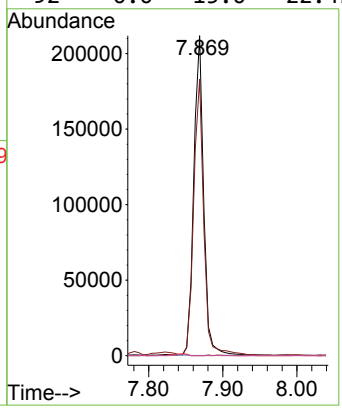


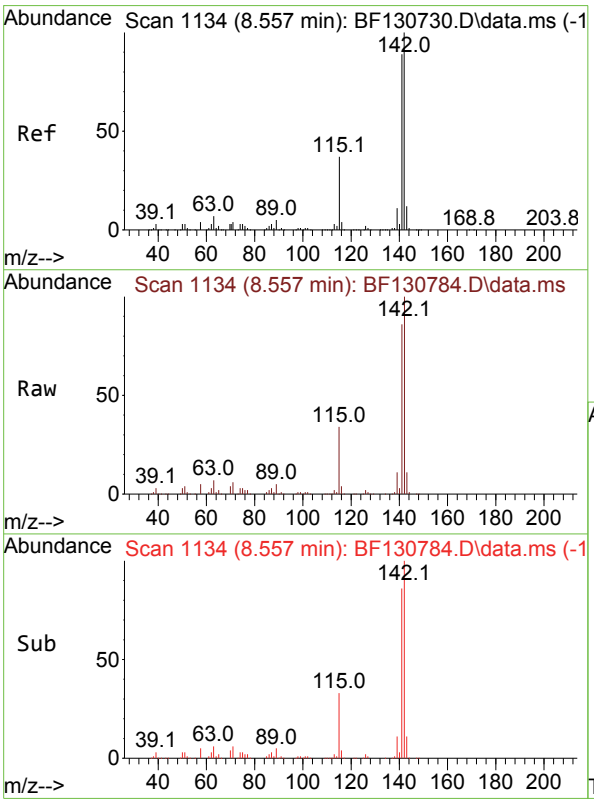
#33
4-Chloroaniline
Concen: 16.142 ng
RT: 7.869 min Scan# 1
Delta R.T. -0.065 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

Instrument :
BNA_F
ClientSampleId :
MW-14DL2

Tgt Ion:127 Resp: 195049

Ion	Ratio	Lower	Upper
127	100		
129	86.4	26.2	39.4#
65	0.0	22.6	33.8#
92	0.0	15.0	22.4#

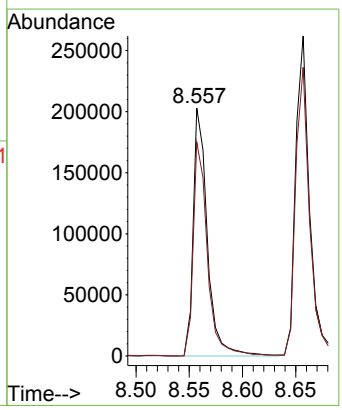


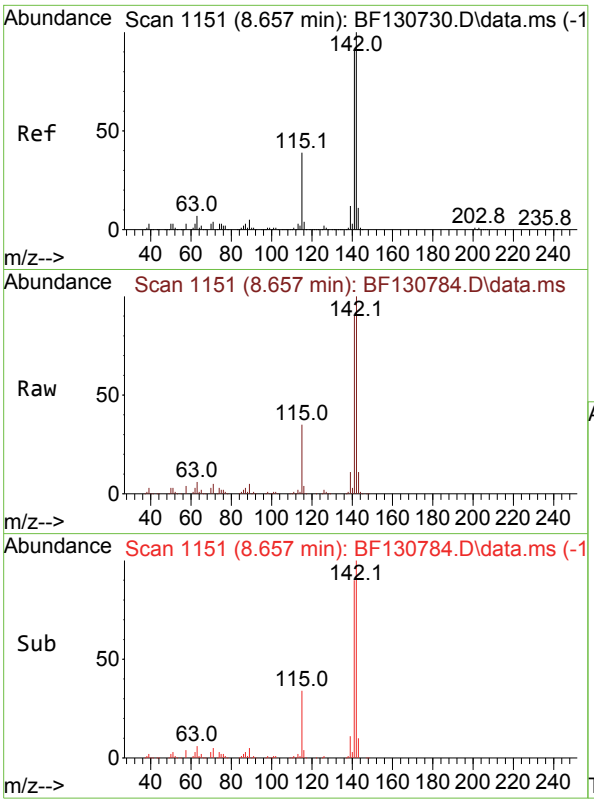


#37
2-Methylnaphthalene
Concen: 9.105 ng
RT: 8.557 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

Tgt Ion:142 Resp: 187376

Ion	Ratio	Lower	Upper
142	100		
141	86.3	71.0	106.4



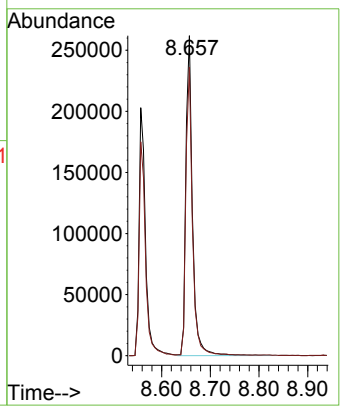


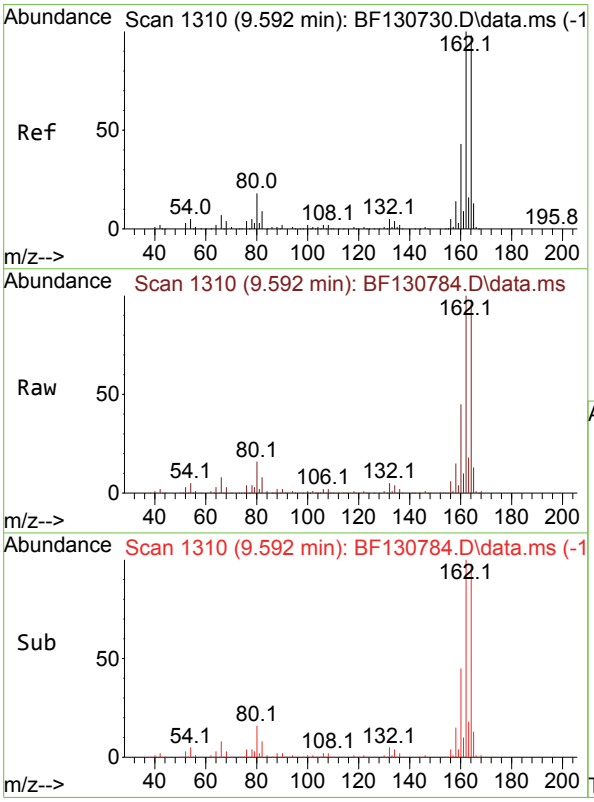
#38
1-Methylnaphthalene
Concen: 11.983 ng
RT: 8.657 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

Instrument :
BNA_F
ClientSampleId :
MW-14DL2

Tgt Ion:142 Resp: 244477

Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.0	109.4

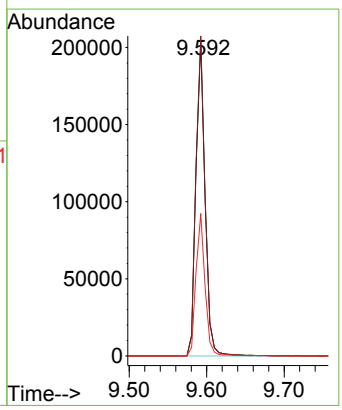


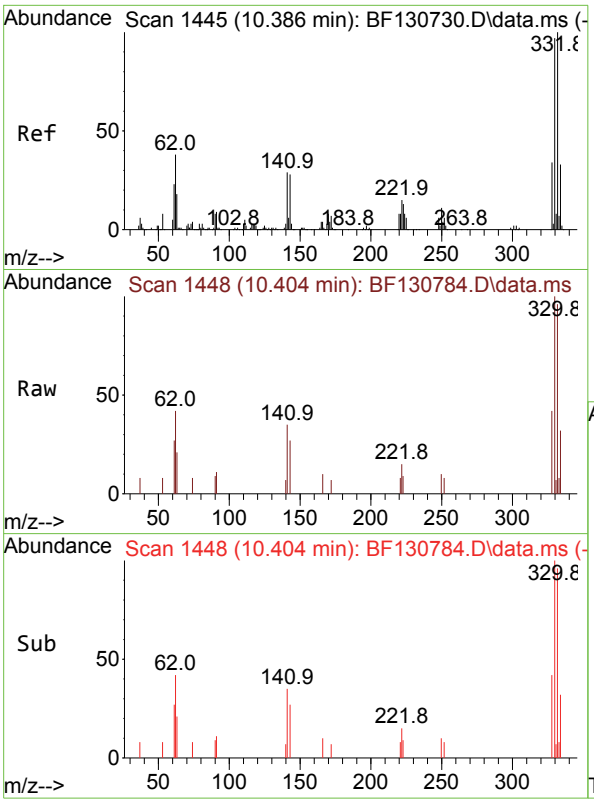


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

Tgt Ion:164 Resp: 167250

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.0
160	45.3	35.0	52.4



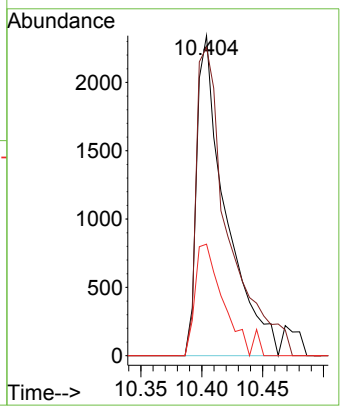


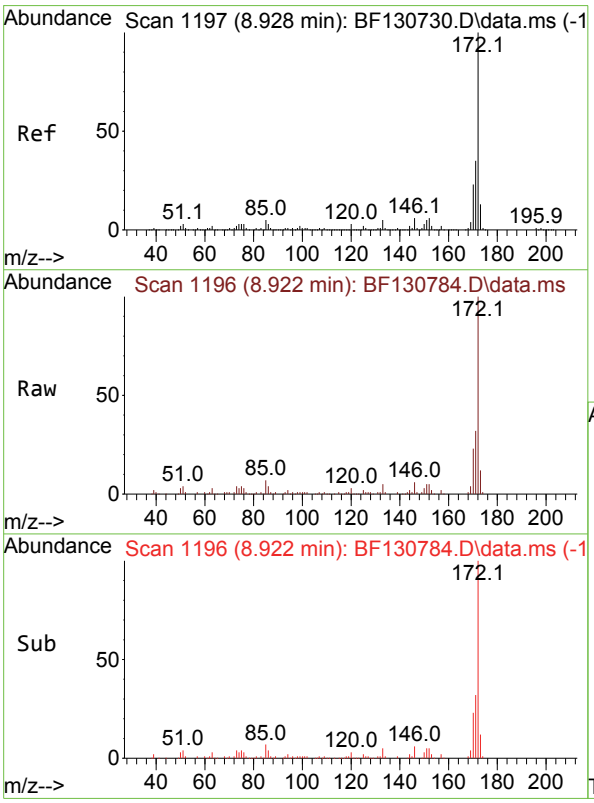
#42
2,4,6-Tribromophenol
Concen: 2.429 ng
RT: 10.404 min Scan# 14
Delta R.T. 0.018 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

Instrument :
BNA_F
ClientSampleId :
MW-14DL2

Tgt Ion:330 Resp: 3864

Ion	Ratio	Lower	Upper
330	100		
332	106.0	81.4	122.2
141	34.7	24.6	37.0

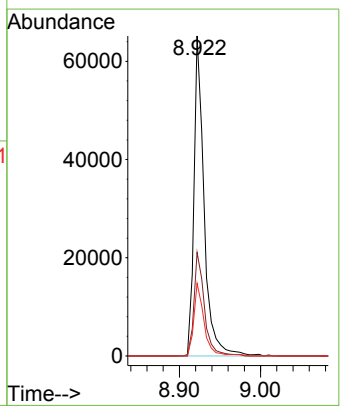


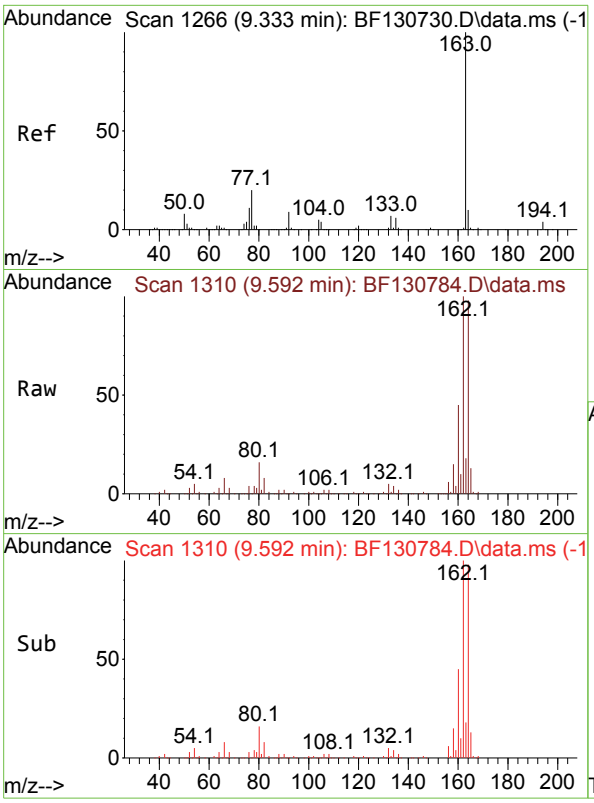


#45
2-Fluorobiphenyl
Concen: 5.204 ng
RT: 8.922 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

Tgt Ion:172 Resp: 57118

Ion	Ratio	Lower	Upper
172	100		
171	32.4	28.2	42.2
170	22.7	18.5	27.7



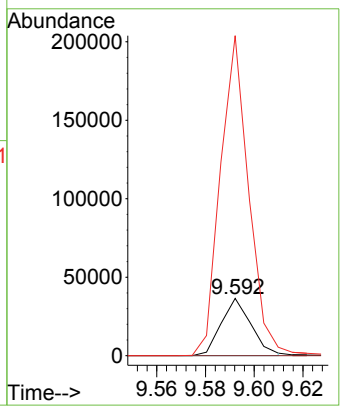


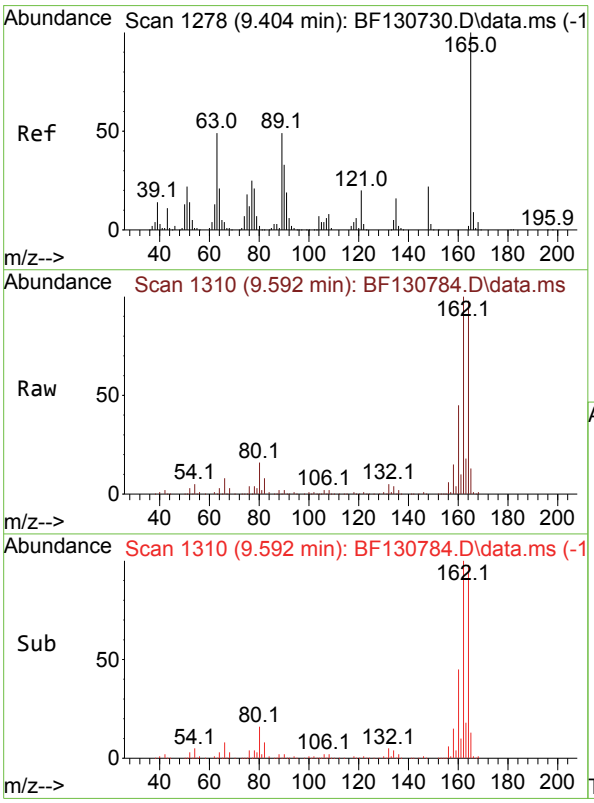
#50
Dimethylphthalate
Concen: 2.774 ng
RT: 9.592 min Scan# 1
Delta R.T. 0.259 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

Instrument :
BNA_F
ClientSampleId :
MW-14DL2

Tgt Ion:163 Resp: 31206

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.1	4.7#
164	559.2	8.1	12.1#

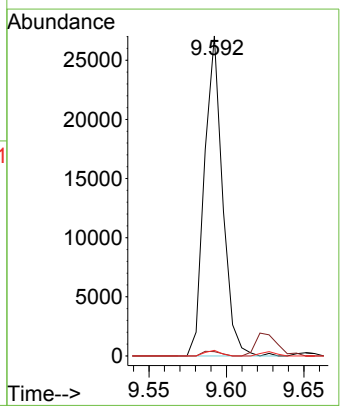


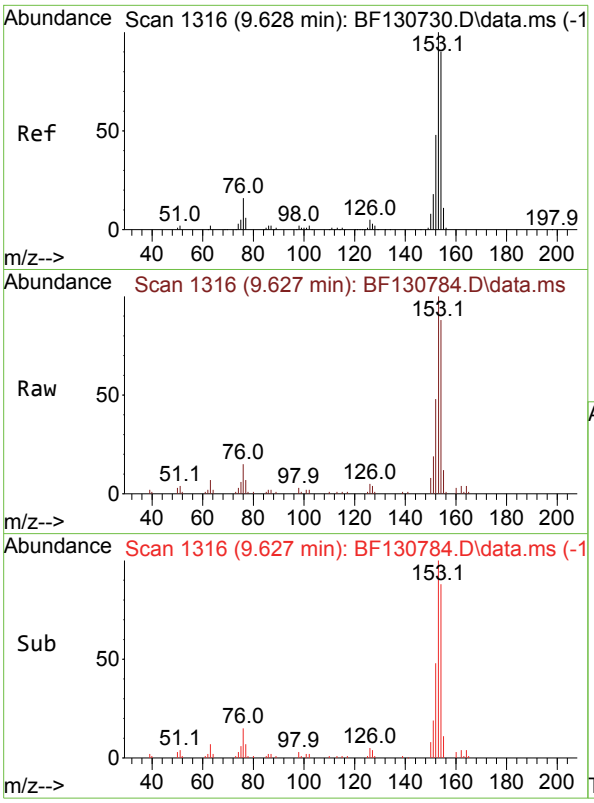


#51
2,6-Dinitrotoluene
Concen: 8.761 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.188 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

Tgt Ion:165 Resp: 22070

Ion	Ratio	Lower	Upper
165	100		
63	1.4	38.8	58.2#
89	1.7	39.4	59.2#



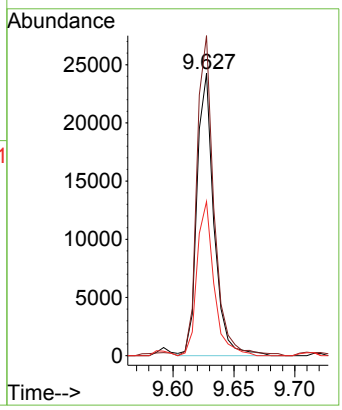


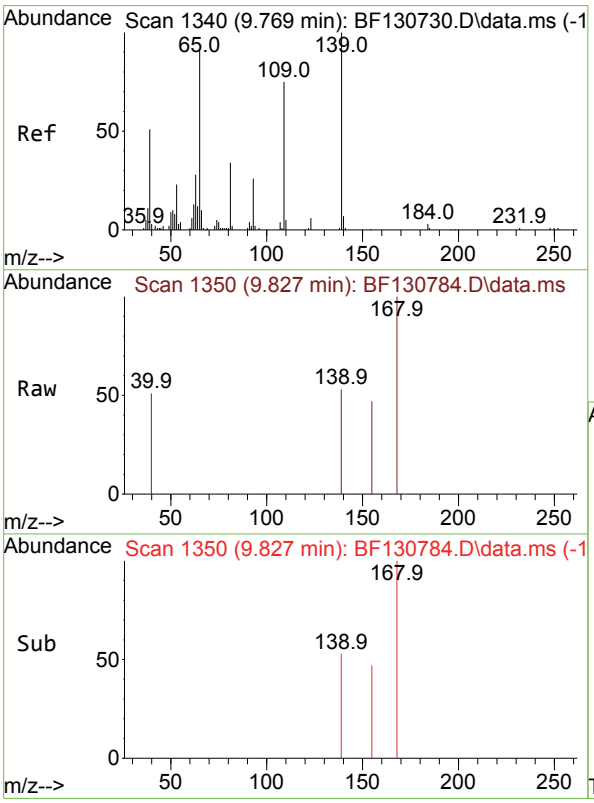
#52
Acenaphthene
Concen: 2.637 ng
RT: 9.627 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

Instrument :
BNA_F
ClientSampleId :
MW-14DL2

Tgt Ion:154 Resp: 23427

Ion	Ratio	Lower	Upper
154	100		
153	113.4	88.4	132.6
152	54.6	42.0	63.0

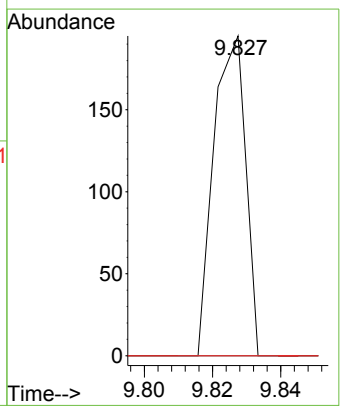


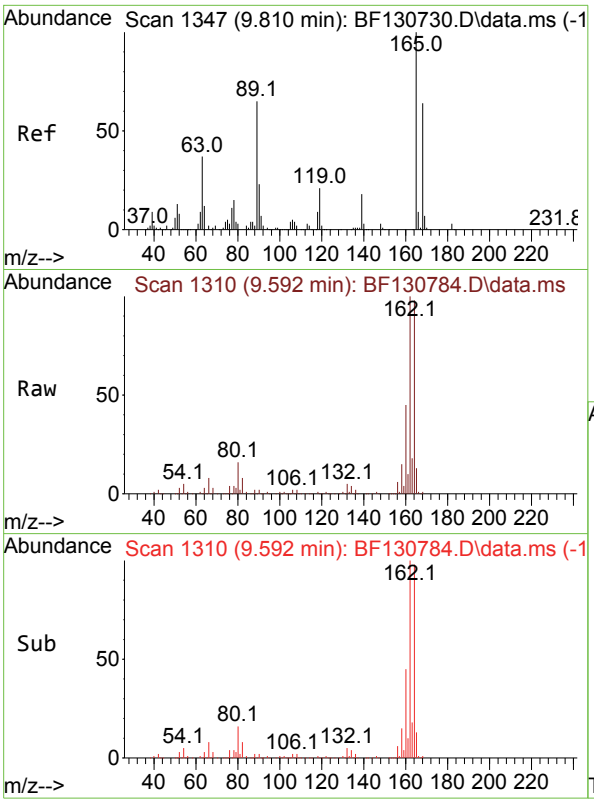


#56
4-Nitrophenol
Concen: 4.782 ng
RT: 9.827 min Scan# 1350
Delta R.T. 0.029 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

Tgt Ion:139 Resp: 127

Ion	Ratio	Lower	Upper
139	100		
109	0.0	55.1	95.1#
65	0.0	72.2	112.2#



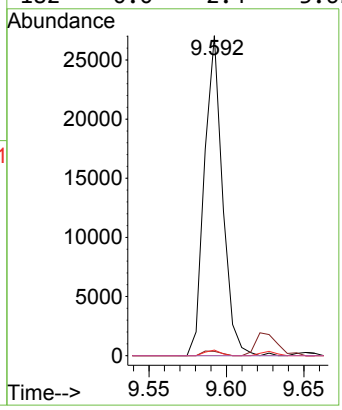


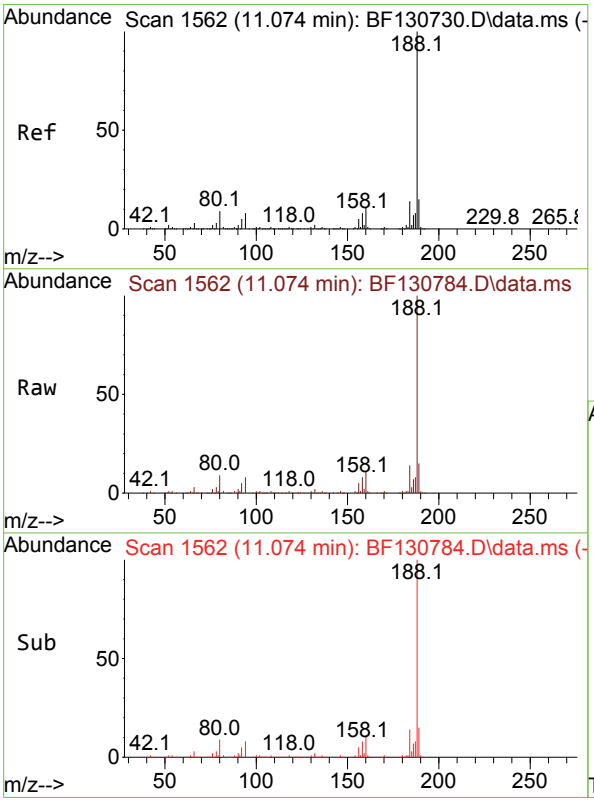
#57
2,4-Dinitrotoluene
Concen: 6.503 ng
RT: 9.592 min Scan# 1
Delta R.T. -0.218 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

Instrument :
BNA_F
ClientSampleId :
MW-14DL2

Tgt Ion:165 Resp: 22070

Ion	Ratio	Lower	Upper
165	100		
63	1.4	32.6	49.0#
89	1.7	51.9	77.9#
182	0.0	2.4	3.6#

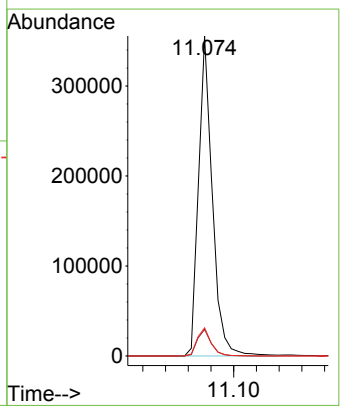


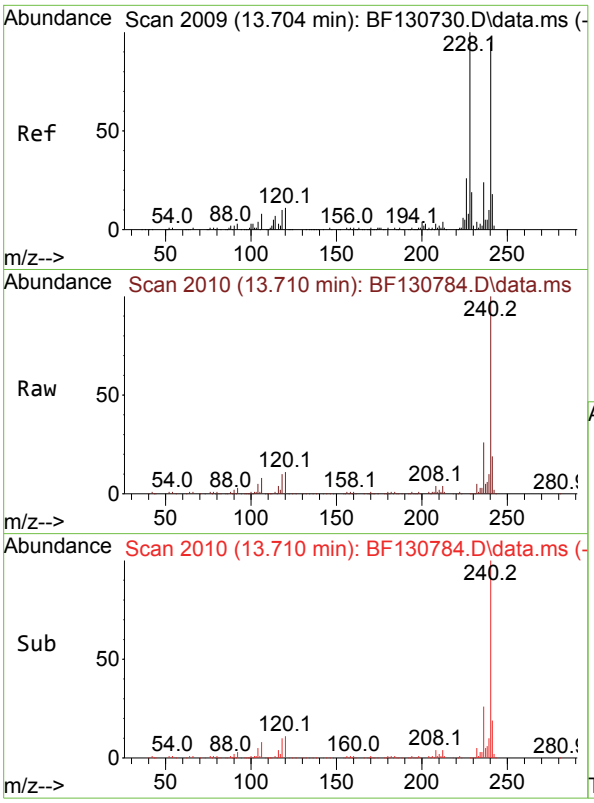


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.074 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

Tgt Ion:188 Resp: 300854

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	8.8	7.4	11.0



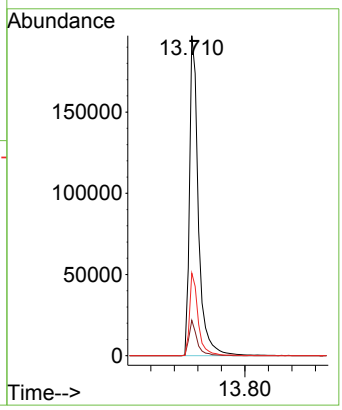


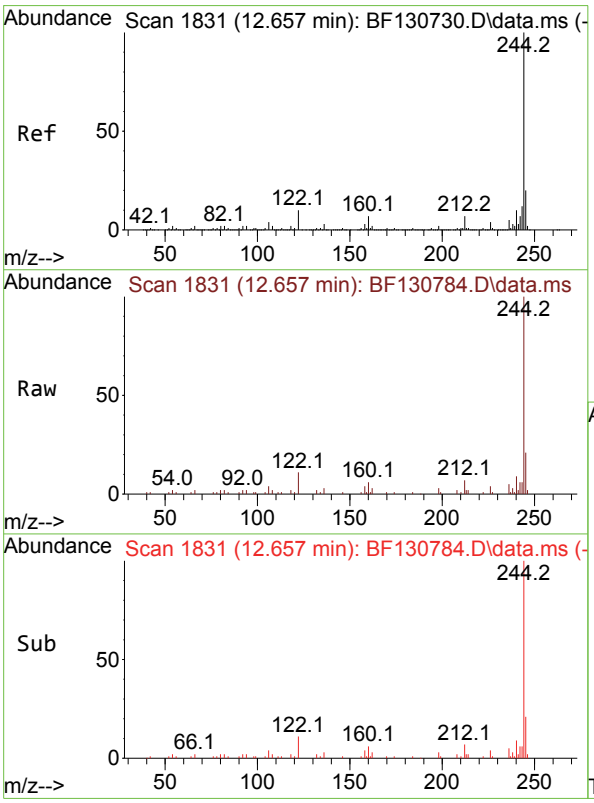
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

Instrument :
BNA_F
ClientSampleId :
MW-14DL2

Tgt Ion:240 Resp: 207167

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.6	14.4
236	25.8	20.2	30.2

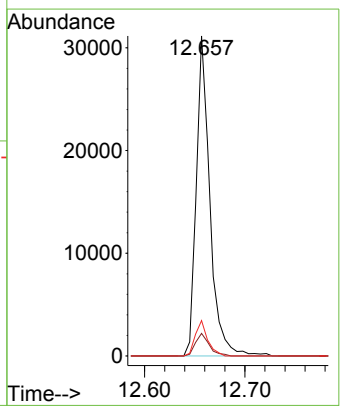


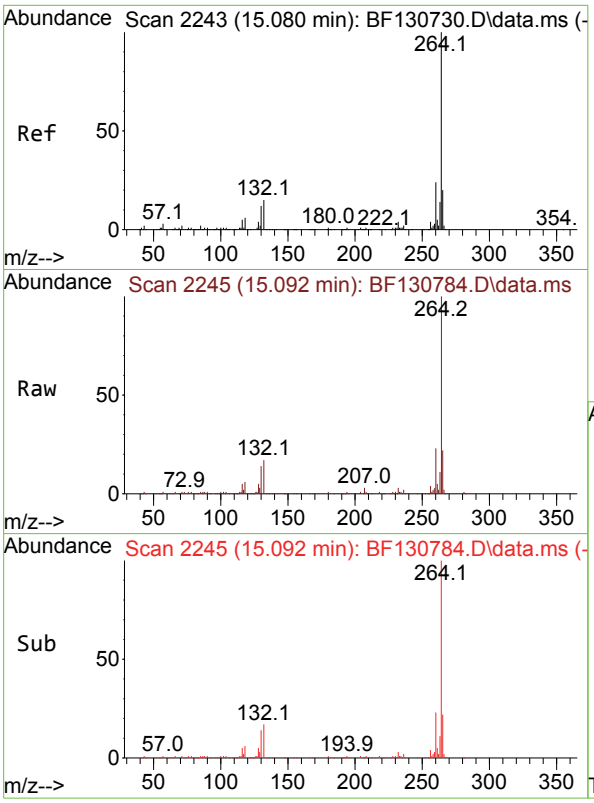


#79
Terphenyl-d14
Concen: 2.393 ng
RT: 12.657 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

Tgt Ion:244 Resp: 29419

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.1	8.2	12.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

Instrument :
BNA_F
ClientSampleId :
MW-14DL2

Tgt Ion:264 Resp: 148690

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	21.7	16.2	24.4