Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070121\
Data File : BF124515.D
Acq On : 1 Jul 2021 17:07
Operator : JU/CG
Sample : M2875-10DL2 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14DL2

Quant Time: Jul 01 17:36:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 14:15:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.681	152	31119	20.000	ng	0.00
21) Naphthalene-d8	7.963	136	119902	20.000	ng	# 0.00
39) Acenaphthene-d10	9.716	164	74224	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	133008	20.000	ng	0.00
76) Chrysene-d12	13.851	240	69273	20.000	ng	# 0.00
86) Perylene-d12	15.274	264	75314	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	293	0.148	ng	0.09
7) Phenol-d6	6.422	99	360	0.139	ng	0.08
23) Nitrobenzene-d5	7.269	82	4204	1.454	ng	0.01
42) 2,4,6-Tribromophenol	10.516	330	1745	1.968	ng	0.00
45) 2-Fluorobiphenyl	9.045	172	9516	1.571	ng	0.00
79) Terphenyl-d14	12.786	244	12078	2.611	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.216	117	2006	2.033	ng	# 1
31) Naphthalene	7.987	128	319525	45.295	ng	99
32) Benzoic acid	7.987	122	706	7.737	ng	# 1
33) 4-Chloroaniline	7.987	127	43265	16.329	ng	# 34
35) Caprolactam	8.675	113	1616	2.774	ng	# 1
37) 2-Methylnaphthalene	8.681	142	46563	9.328	ng	99
38) 1-Methylnaphthalene	8.775	142	42242	9.098	ng	91
50) Dimethylphthalate	9.716	163	13270	2.268	ng	# 1
51) 2,6-Dinitrotoluene	9.716	165	9555	7.068	ng	# 11
52) Acenaphthene	9.751	154	10473	2.211	ng	# 82
57) 2,4-Dinitrotoluene	9.716	165	9555	5.333	ng	# 17

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

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Misc :
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Instrument :
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Quant Time: Jul 01 17:36:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 14:15:13 2021
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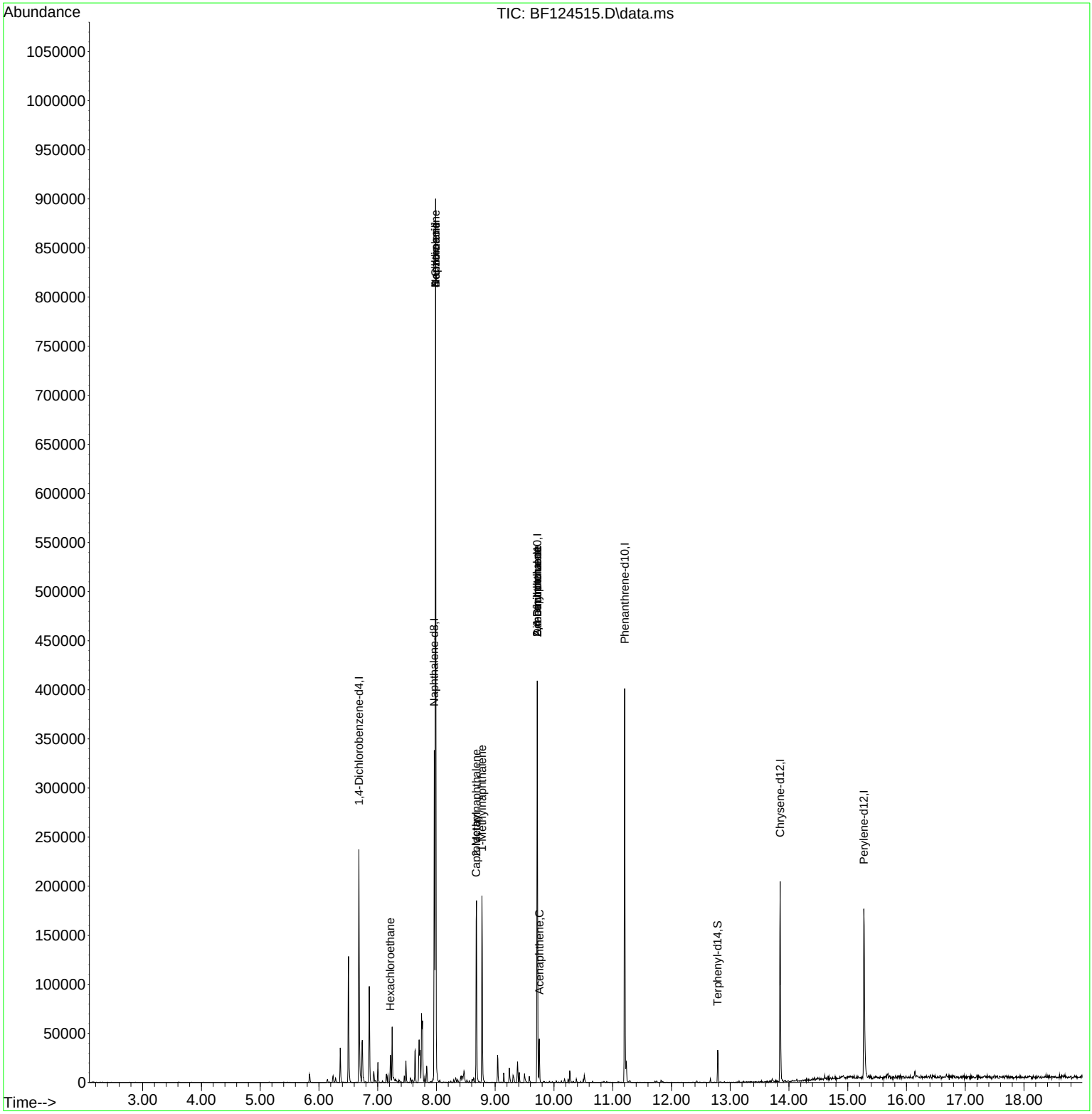
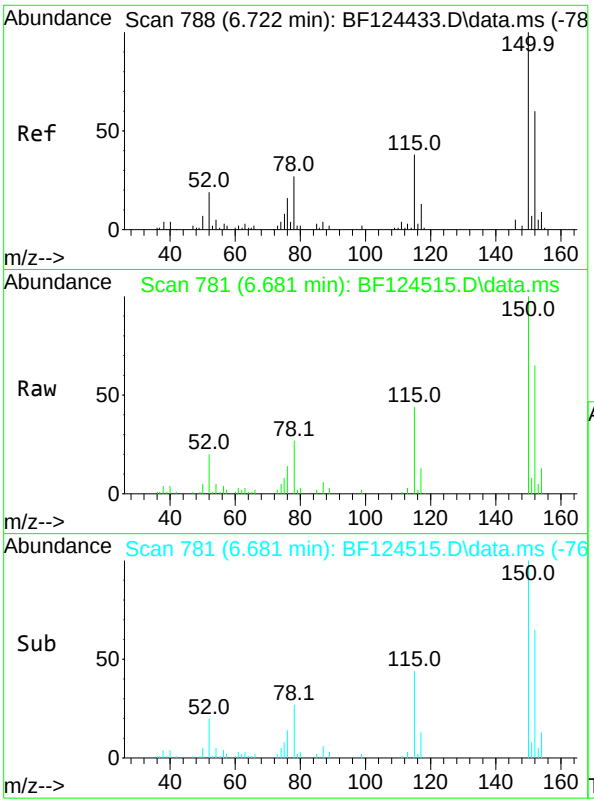
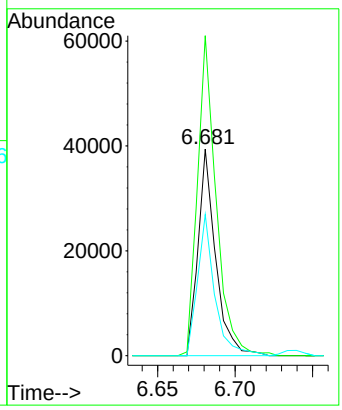




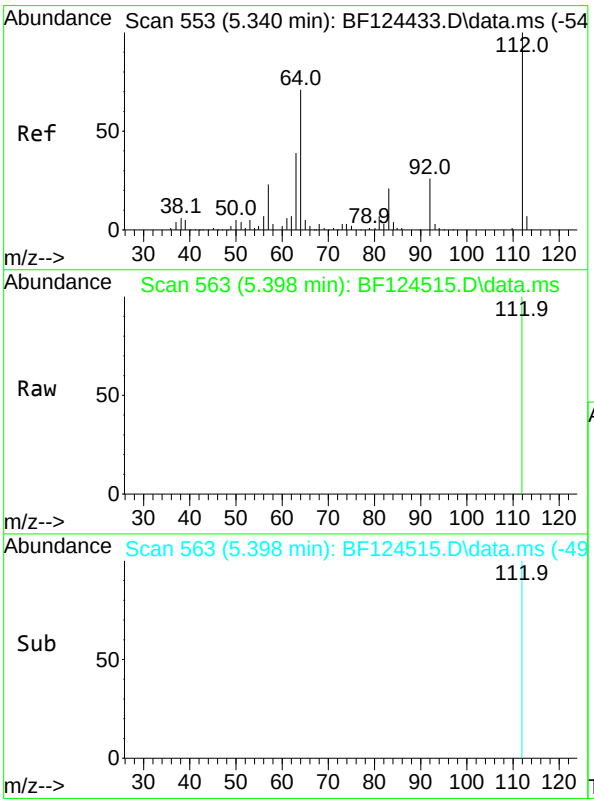
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion:152 Resp: 31119

Ion	Ratio	Lower	Upper
152	100		
150	154.9	127.0	190.6
115	68.3	54.3	81.5



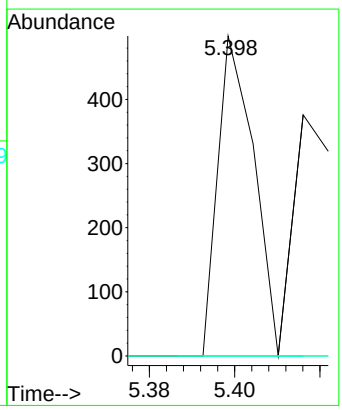
Instrument :
BNA_F
ClientSampleId :
MW-14DL2



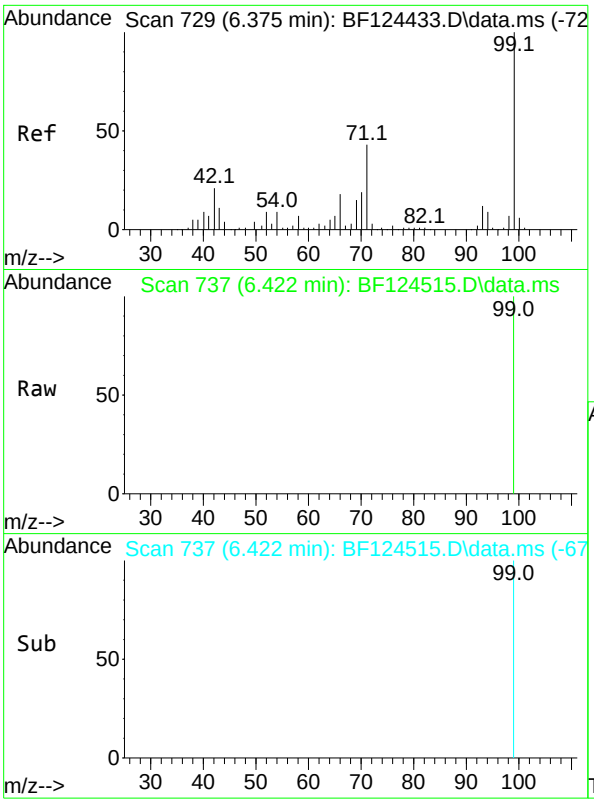
#5
2-Fluorophenol
Concen: 0.148 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.094 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion:112 Resp: 293

Ion	Ratio	Lower	Upper
112	100		
64	0.0	61.4	92.0#
63	0.0	33.0	49.4#



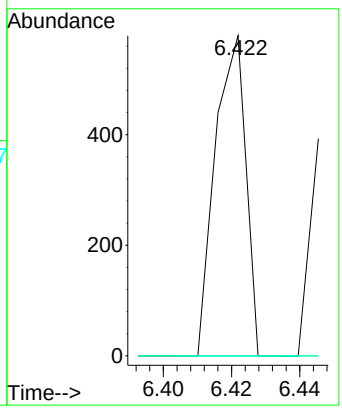
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

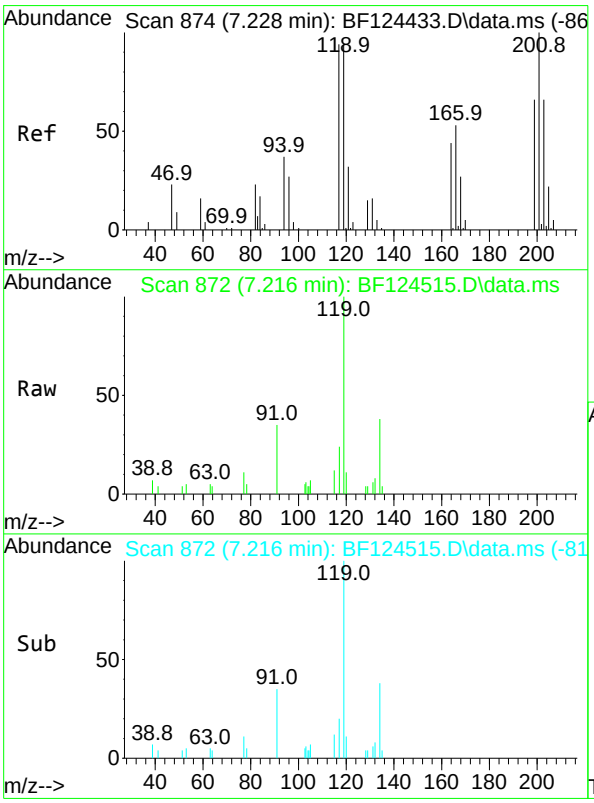


#7
Phenol-d6
Concen: 0.139 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.082 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion: 99 Resp: 360

Ion	Ratio	Lower	Upper
99	100		
42	0.0	19.8	29.8#
71	0.0	31.1	46.7#

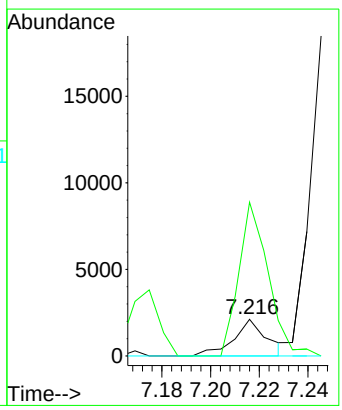




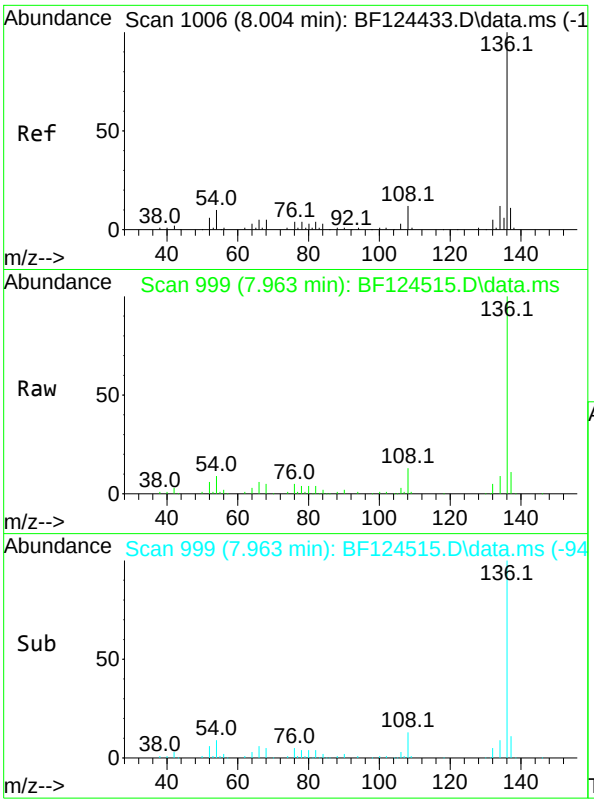
#18
Hexachloroethane
Concen: 2.033 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.030 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion:117 Resp: 2006

Ion	Ratio	Lower	Upper
117	100		
119	419.2	77.8	116.8#
201	0.0	67.8	101.8#



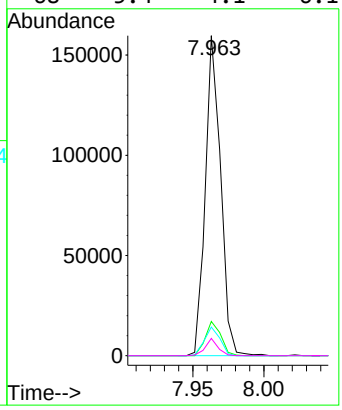
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

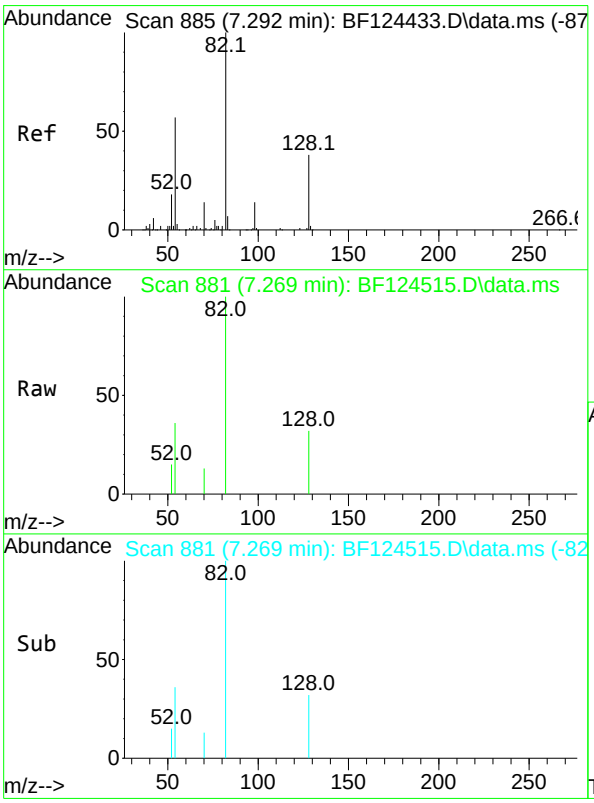


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion:136 Resp: 119902

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.0	9.8	14.6#
68	5.4	4.1	6.1

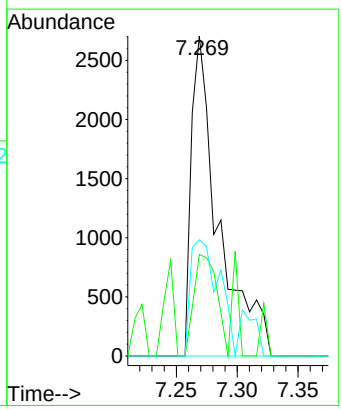




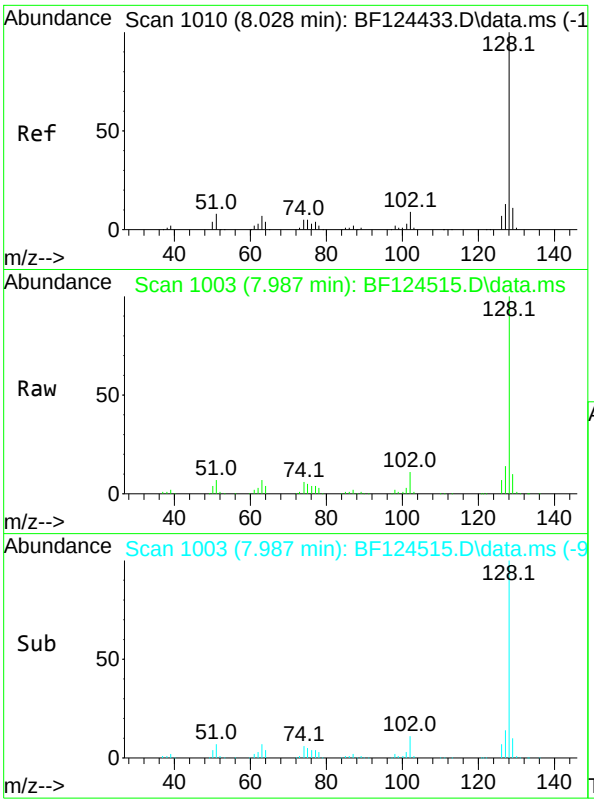
#23
Nitrobenzene-d5
Concen: 1.454 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.012 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion: 82 Resp: 4204

Ion	Ratio	Lower	Upper
82	100		
128	31.7	29.4	44.2
54	36.3	54.1	81.1#



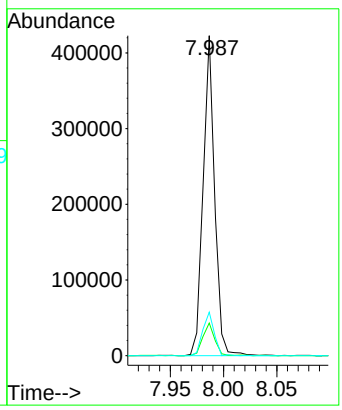
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

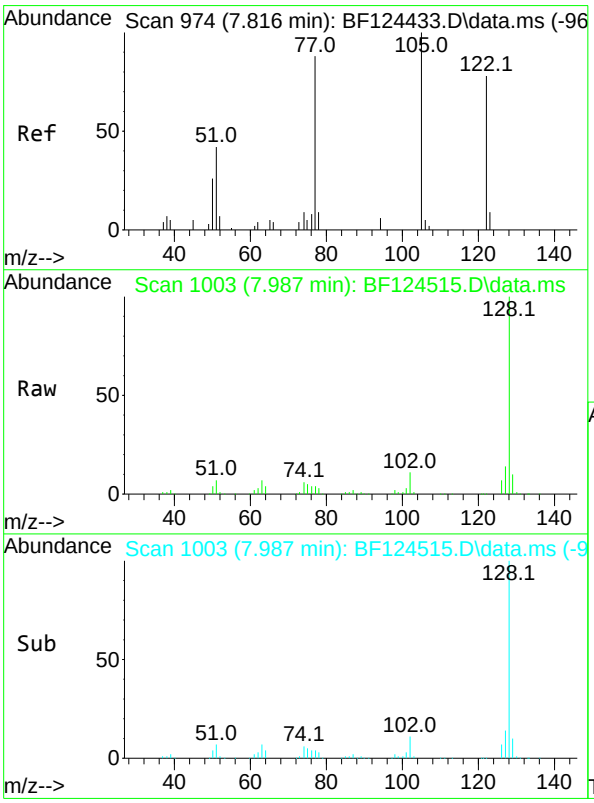


#31
Naphthalene
Concen: 45.295 ng
RT: 7.987 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion:128 Resp: 319525

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.9	13.3
127	13.6	10.8	16.2

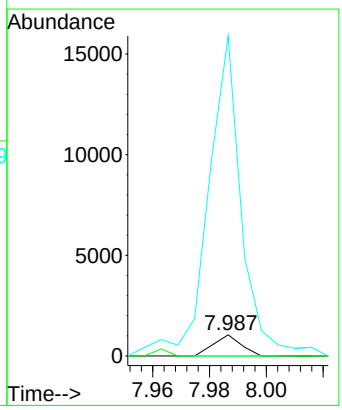




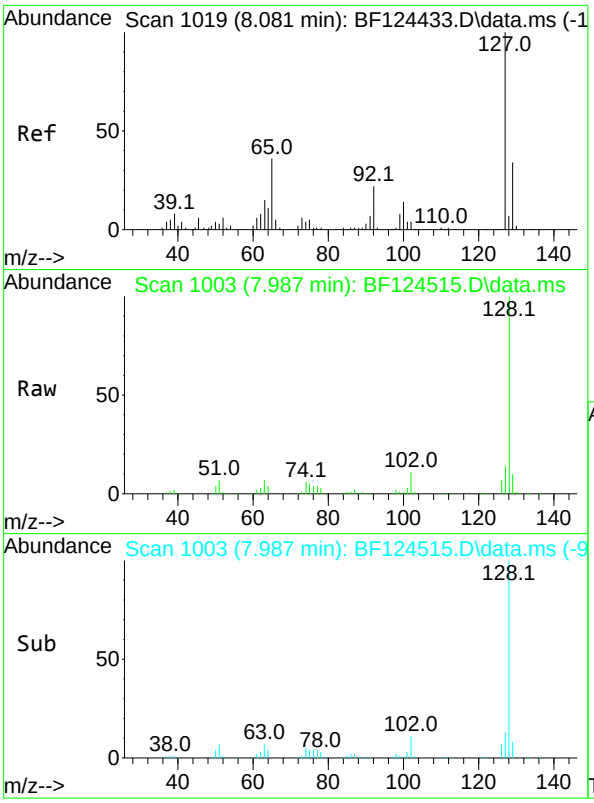
#32
Benzoic acid
Concen: 7.737 ng
RT: 7.987 min Scan# 1003
Delta R.T. 0.182 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion:122 Resp: 706

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.8	147.8#
77	1510.2	81.6	121.6#



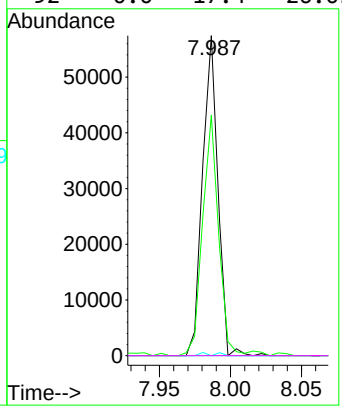
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

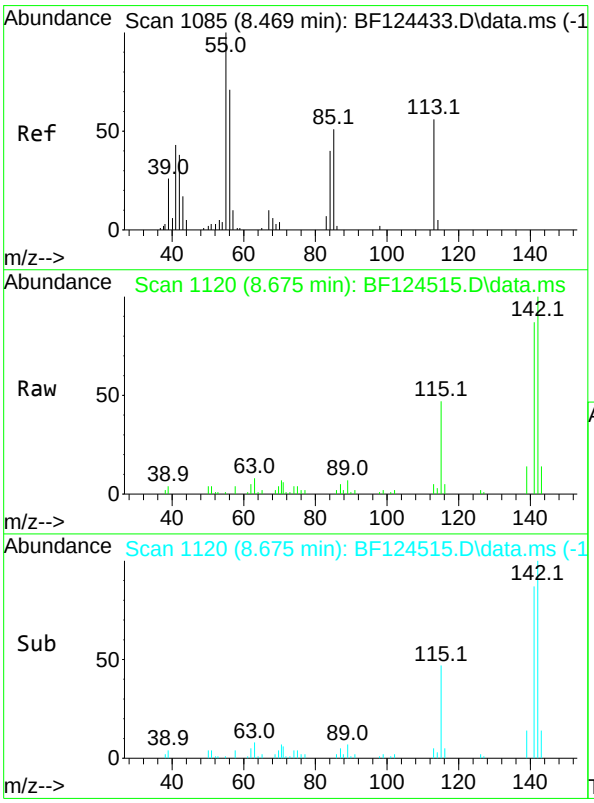


#33
4-Chloroaniline
Concen: 16.329 ng
RT: 7.987 min Scan# 1003
Delta R.T. -0.059 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion:127 Resp: 43265

Ion	Ratio	Lower	Upper
127	100		
129	75.1	25.7	38.5#
65	0.0	34.5	51.7#
92	0.0	17.4	26.0#

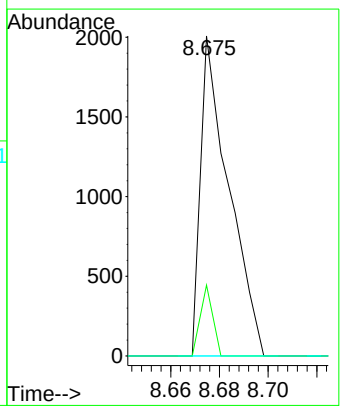




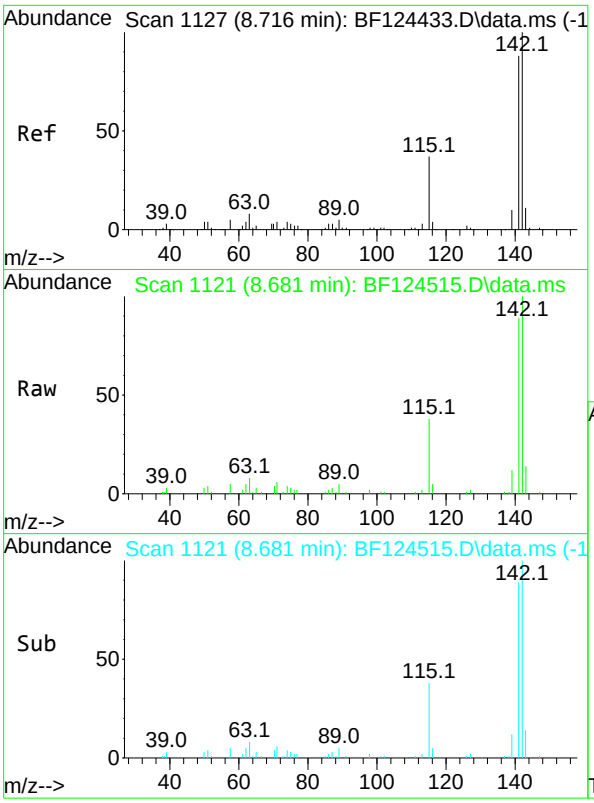
#35
Caprolactam
Concen: 2.774 ng
RT: 8.675 min Scan# 1120
Delta R.T. 0.235 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion:113 Resp: 1616

Ion	Ratio	Lower	Upper
113	100		
55	22.2	254.9	294.9#
56	0.0	179.4	219.4#



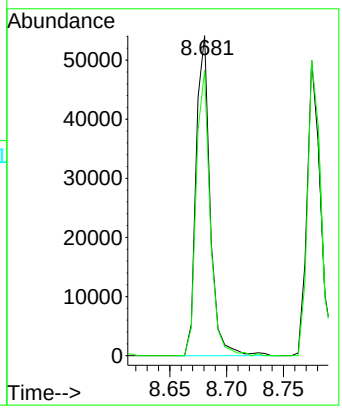
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

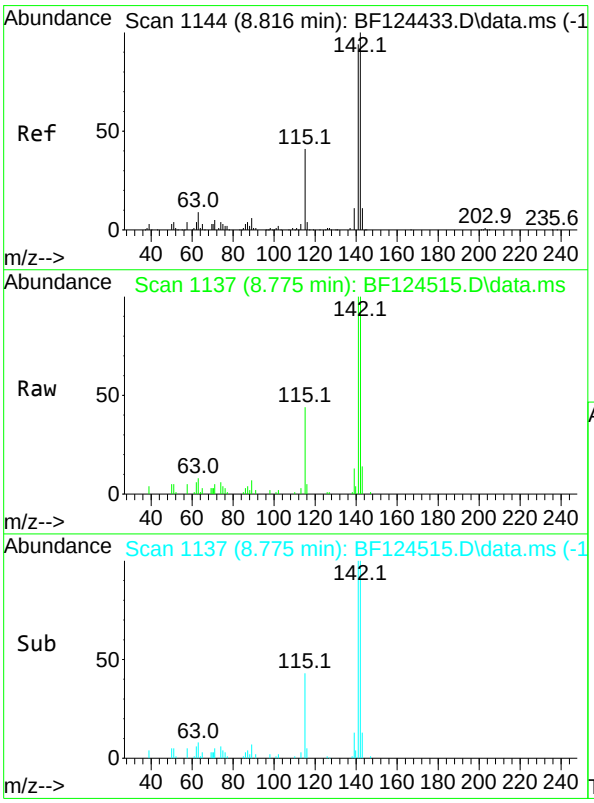


#37
2-Methylnaphthalene
Concen: 9.328 ng
RT: 8.681 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion:142 Resp: 46563

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.8	107.6

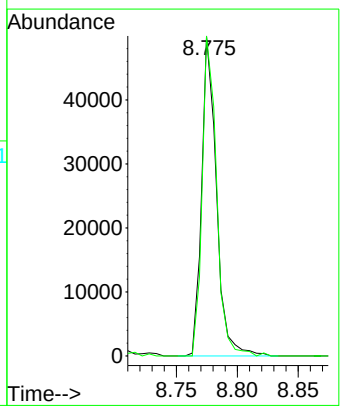




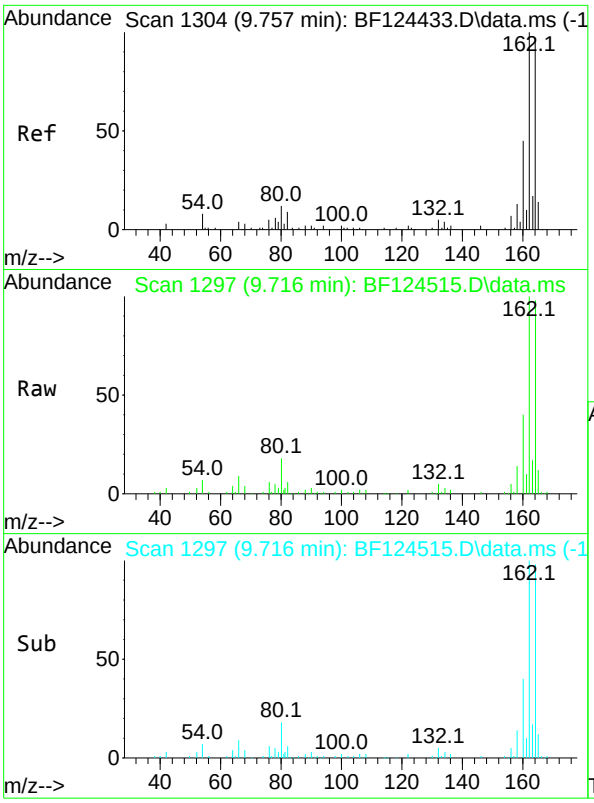
#38
1-Methylnaphthalene
Concen: 9.098 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion:142 Resp: 42242

Ion	Ratio	Lower	Upper
142	100		
141	99.9	72.8	109.2



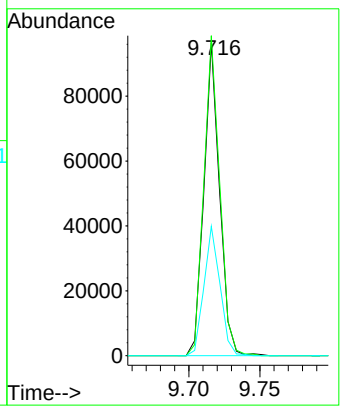
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

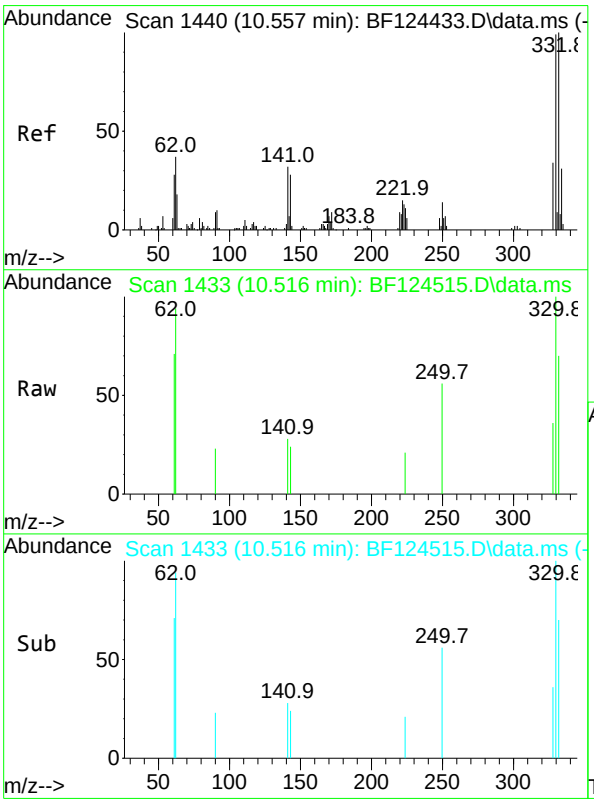


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion:164 Resp: 74224

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.7	121.1
160	41.3	37.3	55.9

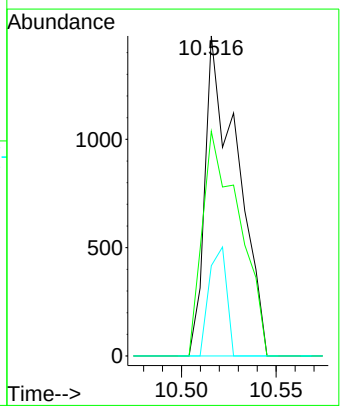




#42
2,4,6-Tribromophenol
Concen: 1.968 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion:330 Resp: 1745

Ion	Ratio	Lower	Upper
330	100		
332	80.3	77.1	115.7
141	18.6	27.9	41.9#



Instrument :
BNA_F
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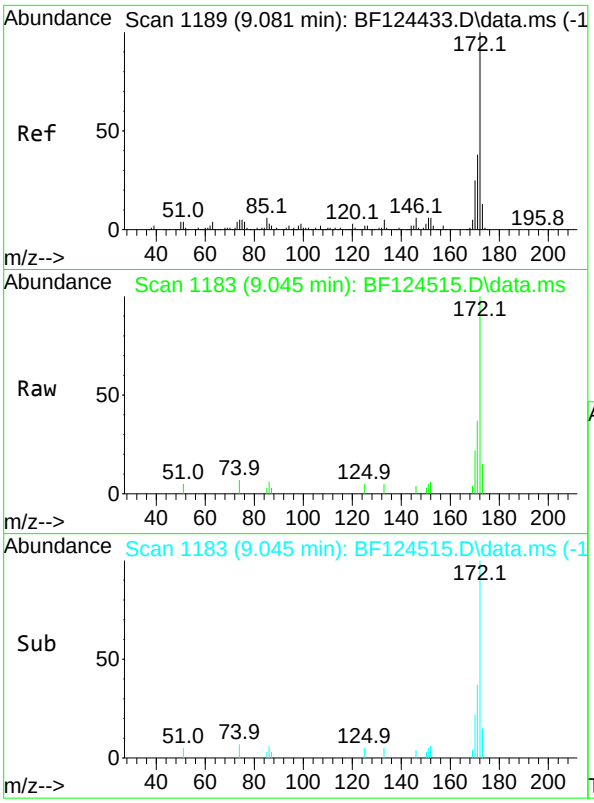
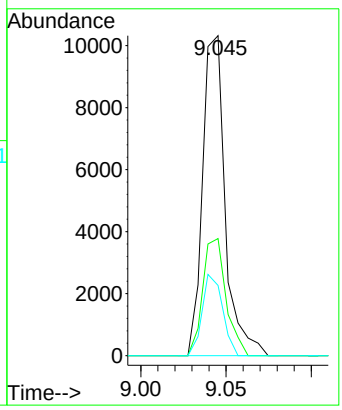
MW-14DL2

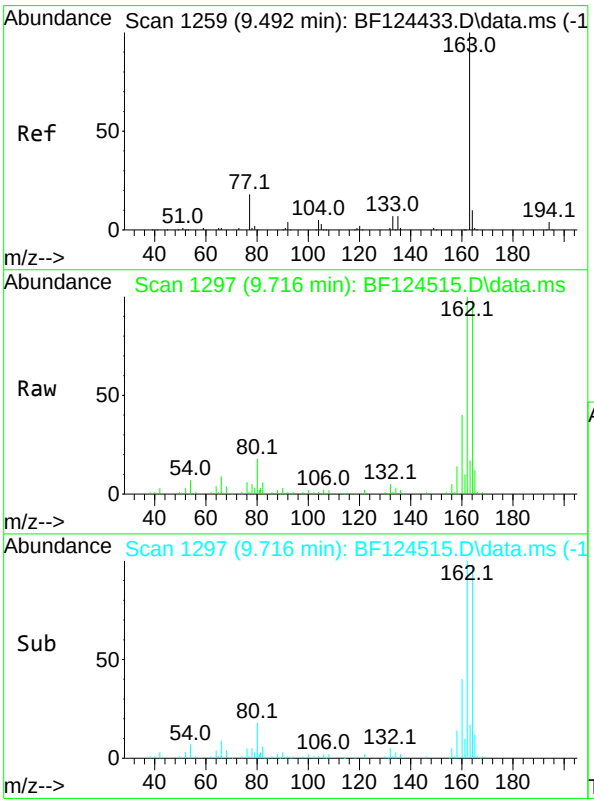


#45
2-Fluorobiphenyl
Concen: 1.571 ng
RT: 9.045 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion:172 Resp: 9516

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.1	42.1
170	21.9	19.2	28.8

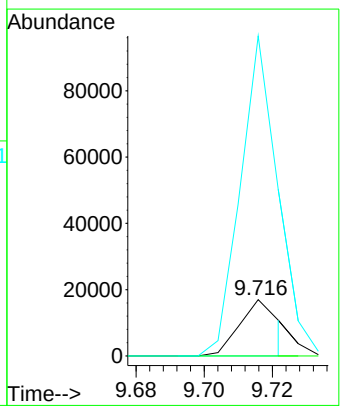




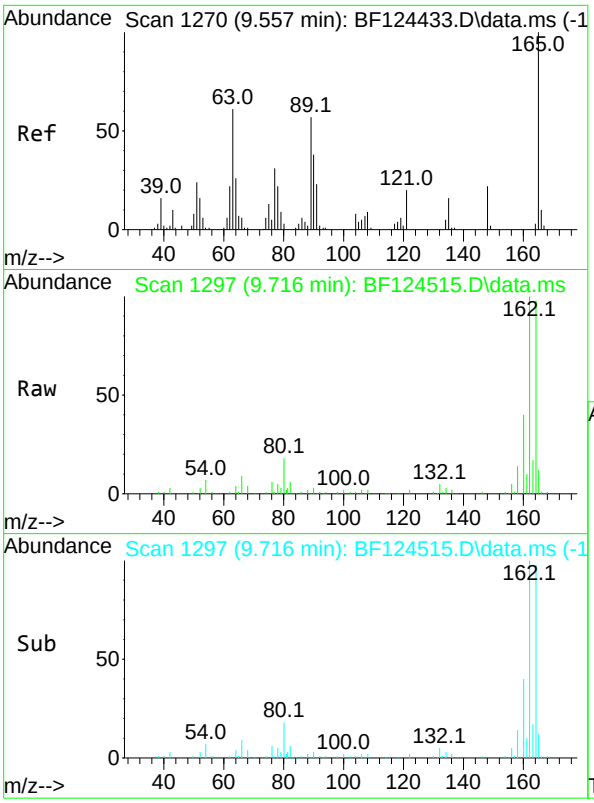
#50
Dimethylphthalate
Concen: 2.268 ng
RT: 9.716 min Scan# 1297
Delta R.T. 0.265 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion:163 Resp: 13270

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.1	4.7#
164	568.2	8.2	12.2#



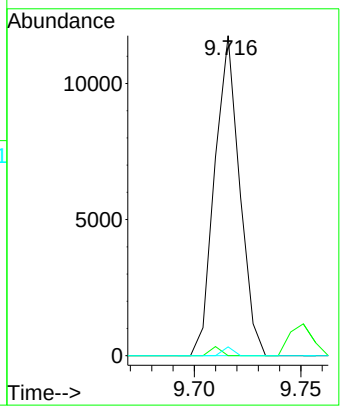
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

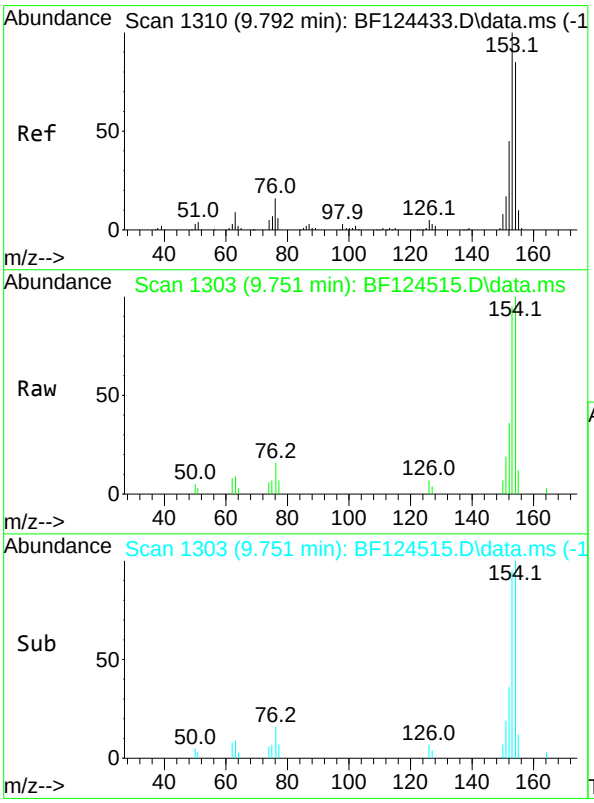


#51
2,6-Dinitrotoluene
Concen: 7.068 ng
RT: 9.716 min Scan# 1297
Delta R.T. 0.194 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion:165 Resp: 9555

Ion	Ratio	Lower	Upper
165	100		
63	0.0	67.7	101.5#
89	2.8	58.8	88.2#

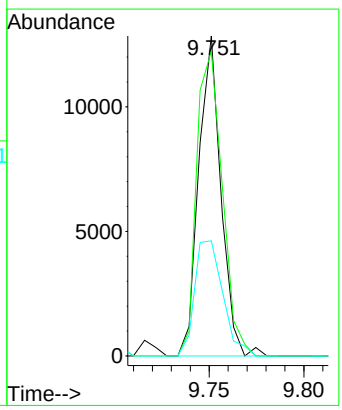




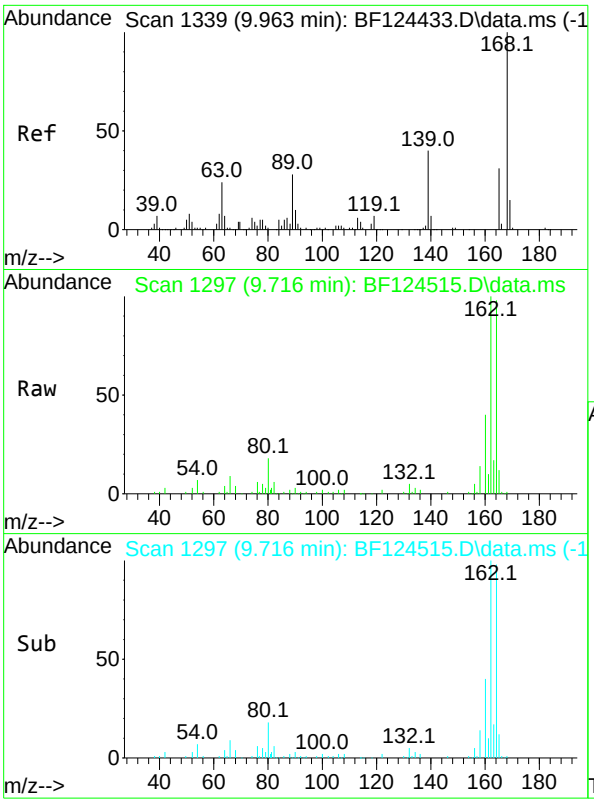
#52
Acenaphthene
Concen: 2.211 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion:154 Resp: 10473

Ion	Ratio	Lower	Upper
154	100		
153	95.3	88.1	132.1
152	36.0	43.4	65.0#



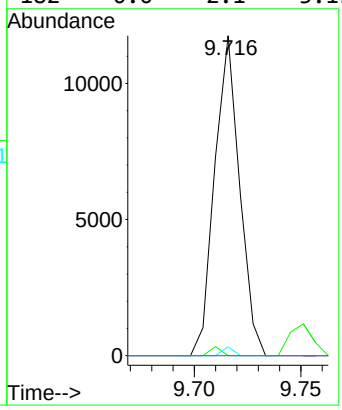
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

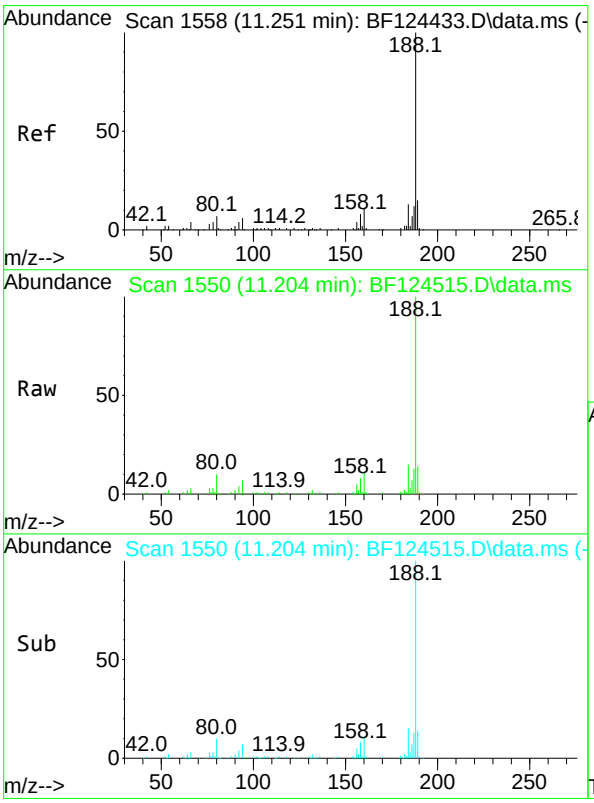


#57
2,4-Dinitrotoluene
Concen: 5.333 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.212 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion:165 Resp: 9555

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.5	65.3#
89	2.8	67.7	101.5#
182	0.0	2.1	3.1#

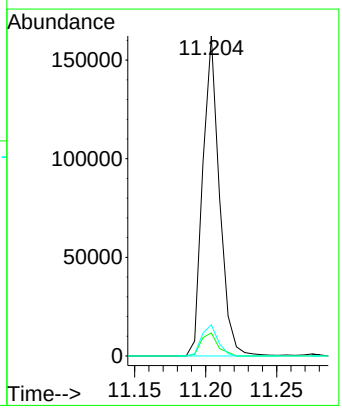




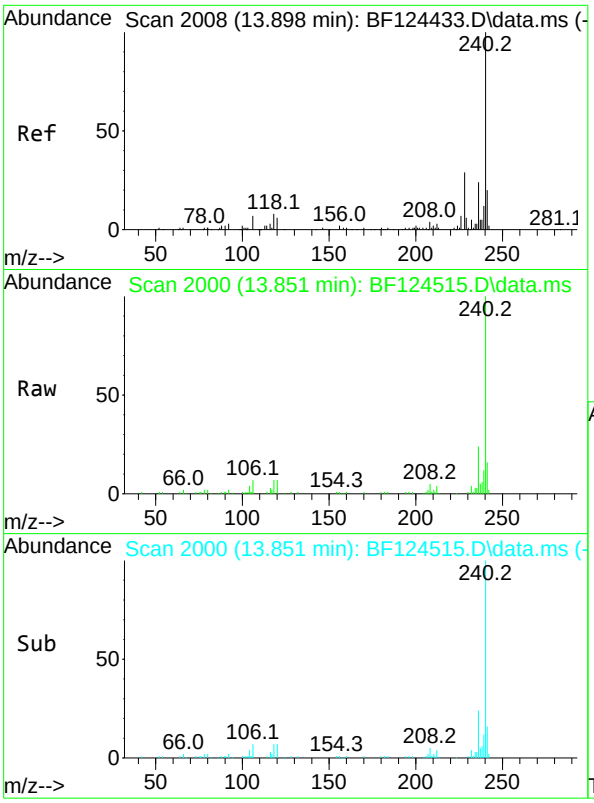
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion:188 Resp: 133008

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	9.7	8.2	12.2



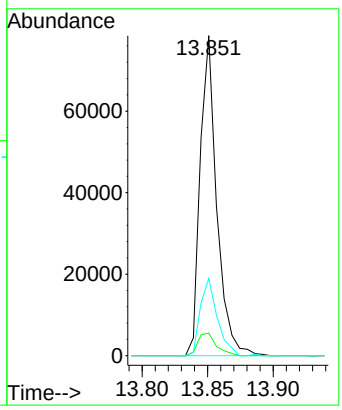
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

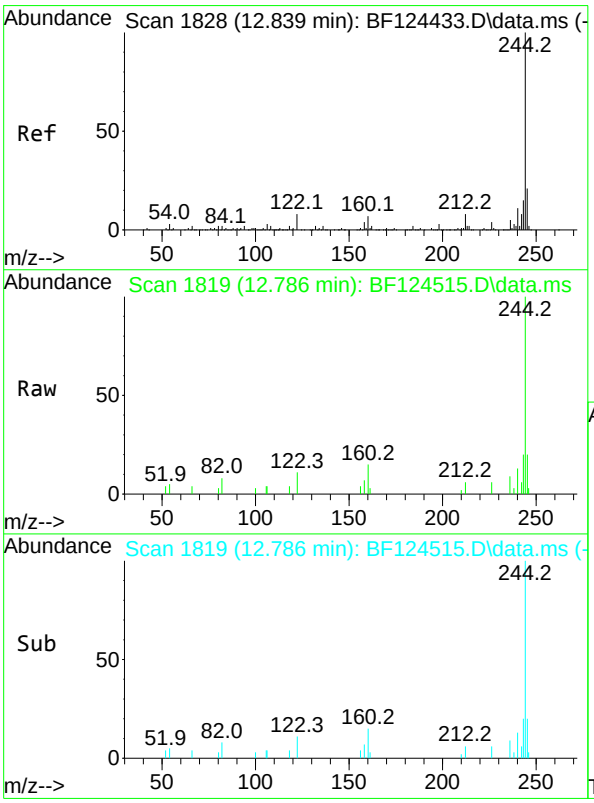


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.851 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion:240 Resp: 69273

Ion	Ratio	Lower	Upper
240	100		
120	7.0	7.2	10.8#
236	24.2	19.0	28.4

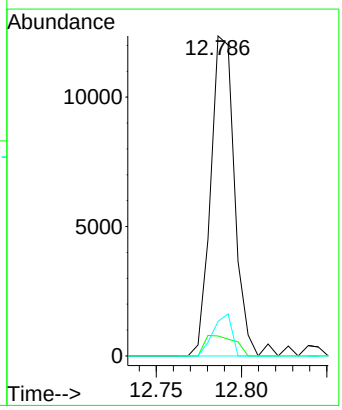


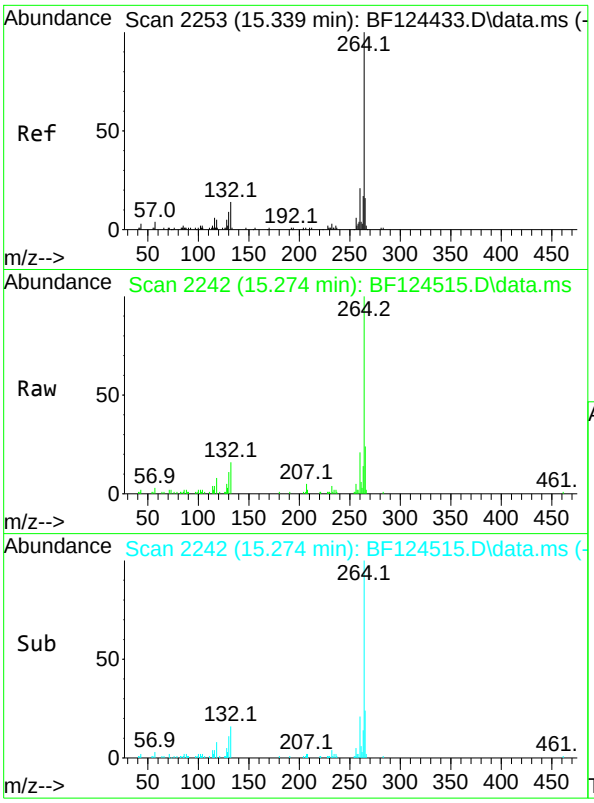


#79
Terphenyl-d14
Concen: 2.611 ng
RT: 12.786 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion:244 Resp: 12078

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.7	8.5
122	10.8	9.7	14.5

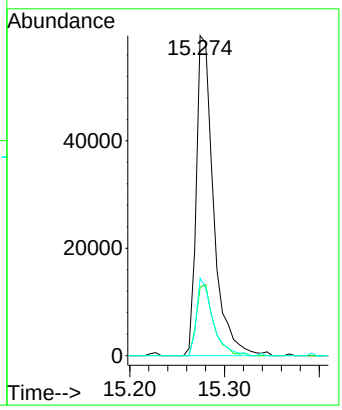




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.274 min Scan# 2242
Delta R.T. 0.000 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion:264 Resp: 75314

Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.7	28.1
265	24.3	17.8	26.8



Instrument :
BNA_F
ClientSampleId :
MW-14DL2