Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060921\
Data File : BF124221.D
Acq On : 9 Jun 2021 22:06
Operator : JU/CG
Sample : M2589-18RE 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 18-B12(0-2)RE

Quant Time: Jun 10 01:55:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 10 01:53:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	34719	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	132095	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	69505	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	100989	20.000	ng	0.00
76) Chrysene-d12	14.016	240	88470	20.000	ng	0.00
86) Perylene-d12	15.498	264	53436	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	915	0.397	ng	0.00
7) Phenol-d6	6.493	99	4725	1.524	ng	0.00
23) Nitrobenzene-d5	7.404	82	10284	3.088	ng	-0.01
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.204	172	21302	3.857	ng	0.00
79) Terphenyl-d14	12.957	244	19053	2.957	ng	0.00
Target Compounds						Qvalue
51) 2,6-Dinitrotoluene	9.886	165	8547	6.482	ng	# 12
57) 2,4-Dinitrotoluene	9.886	165	8547	4.915	ng	# 19
77) Benzidine	12.957	184	300	4.194	ng	# 68
87) Indeno(1,2,3-cd)pyrene	16.980	276	1687	4.680	ng	# 60
91) Dibenzo(a,h)anthracene	16.980	278	1310	4.490	ng	# 51
92) Benzo(g,h,i)perylene	17.433	276	2379	4.392	ng	# 56

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

Quantitation Report (Not Reviewed)

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Data File : BF124221.D
Acq On : 9 Jun 2021 22:06
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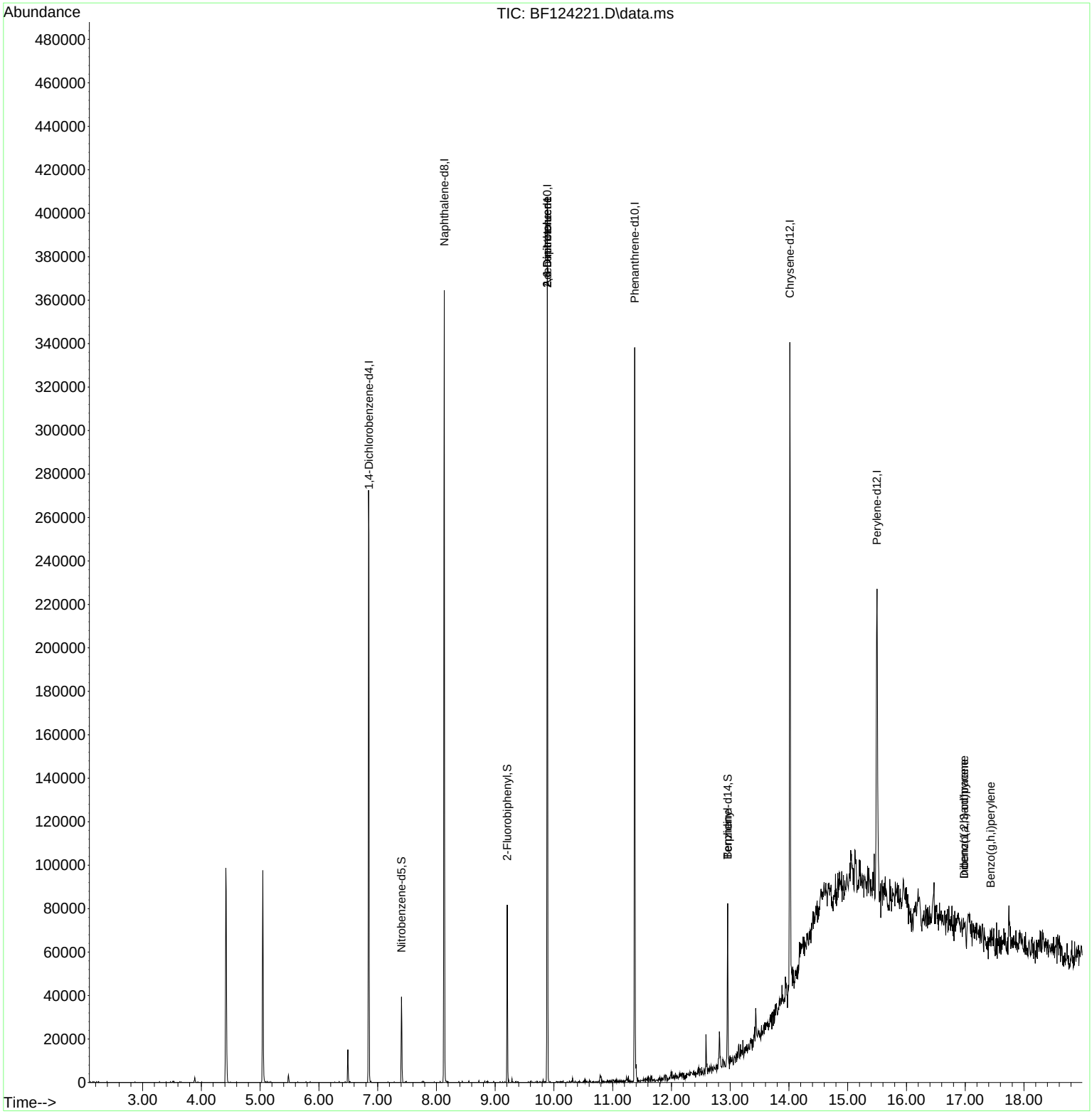
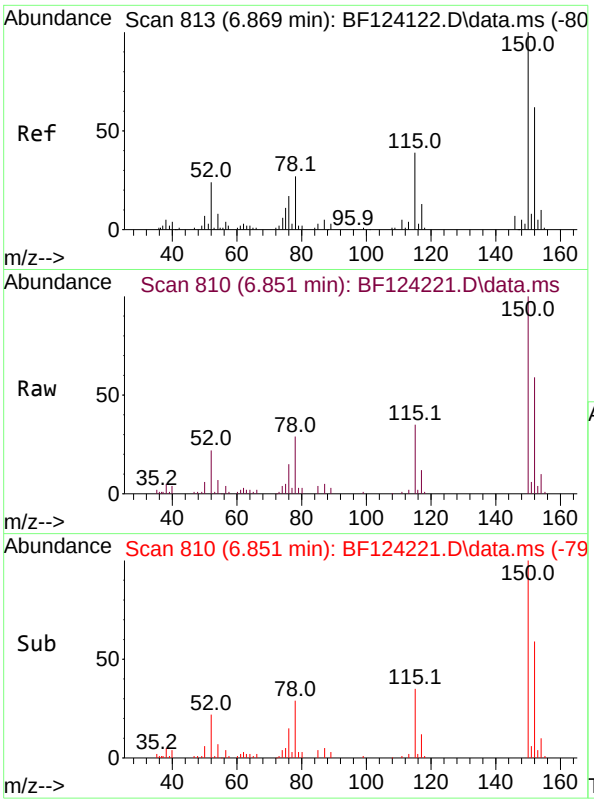
Sample : M2589-18RE 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B12(0-2)RE

Quant Time: Jun 10 01:55:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 10 01:53:56 2021
Response via : Initial Calibration



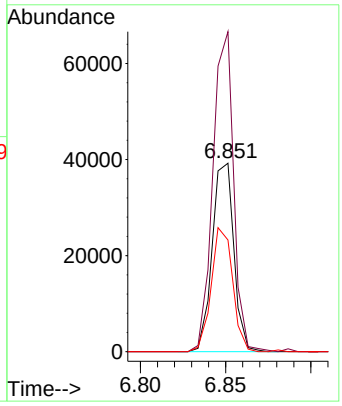
Instrument :
BNA_F
ClientSampleId :
18-B12(0-2)RE

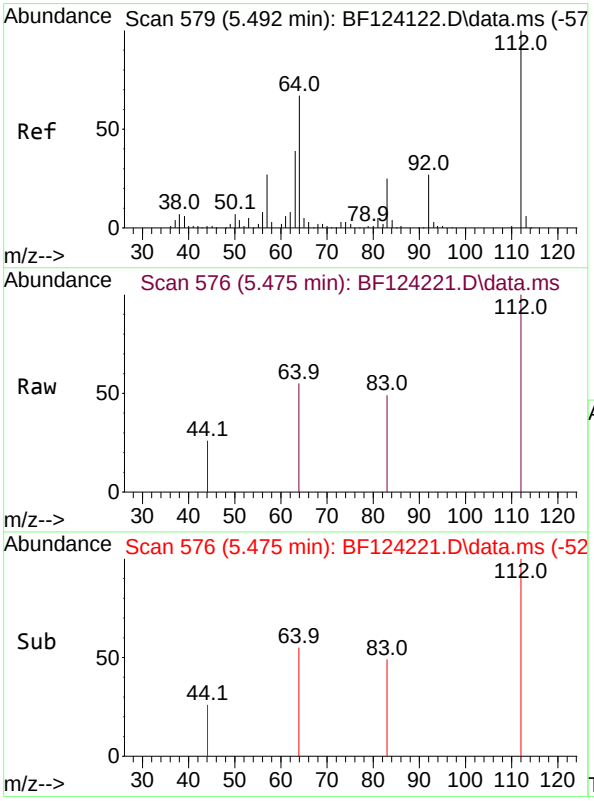


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF124221.D
Acq: 9 Jun 2021 22:06

Tgt Ion:152 Resp: 34719

Ion	Ratio	Lower	Upper
152	100		
150	169.8	127.0	190.6
115	59.3	54.3	81.5

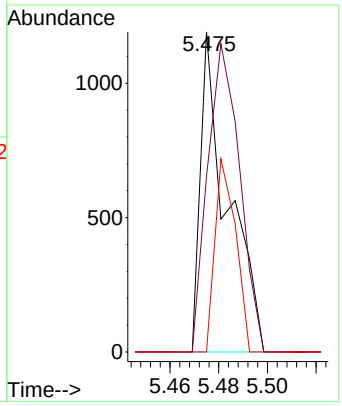




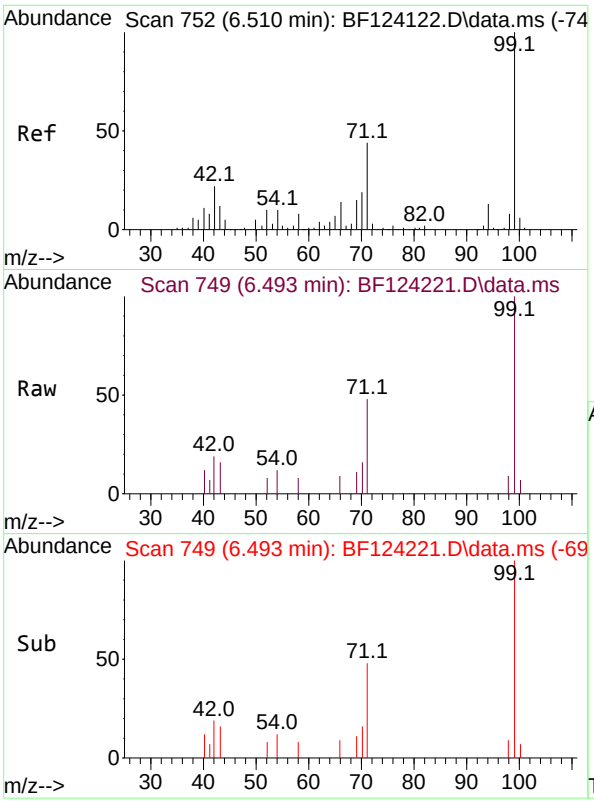
#5
2-Fluorophenol
Concen: 0.397 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124221.D
Acq: 9 Jun 2021 22:06

Tgt Ion:112 Resp: 915

Ion	Ratio	Lower	Upper
112	100		
64	54.9	61.4	92.0#
63	0.0	33.0	49.4#



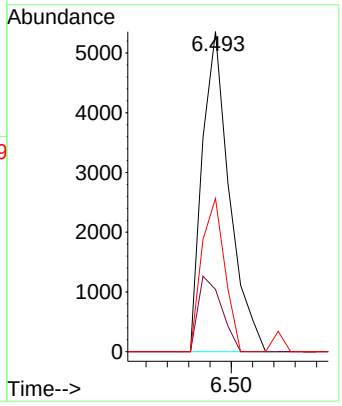
Instrument :
BNA_F
ClientSampleId :
18-B12(0-2)RE

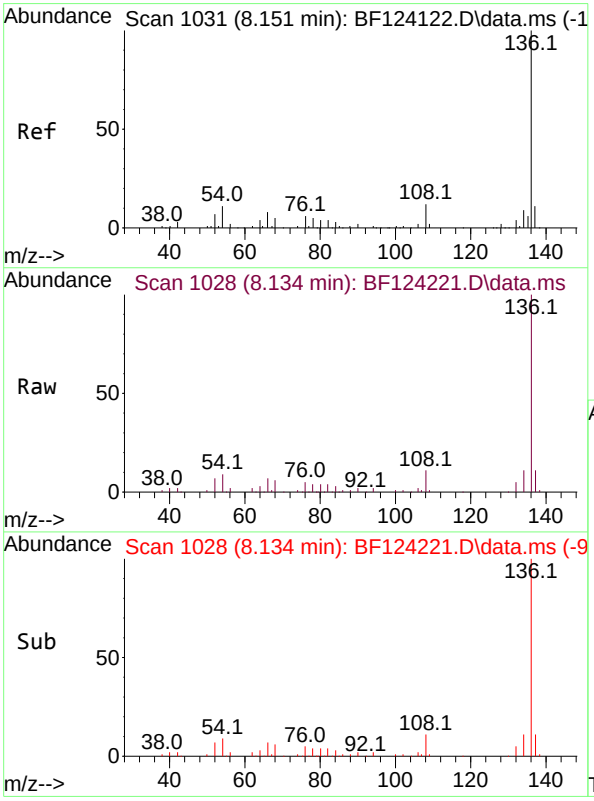


#7
Phenol-d6
Concen: 1.524 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124221.D
Acq: 9 Jun 2021 22:06

Tgt Ion: 99 Resp: 4725

Ion	Ratio	Lower	Upper
99	100		
42	19.4	19.8	29.8#
71	47.9	31.1	46.7#

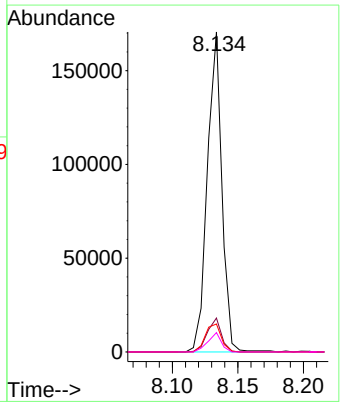




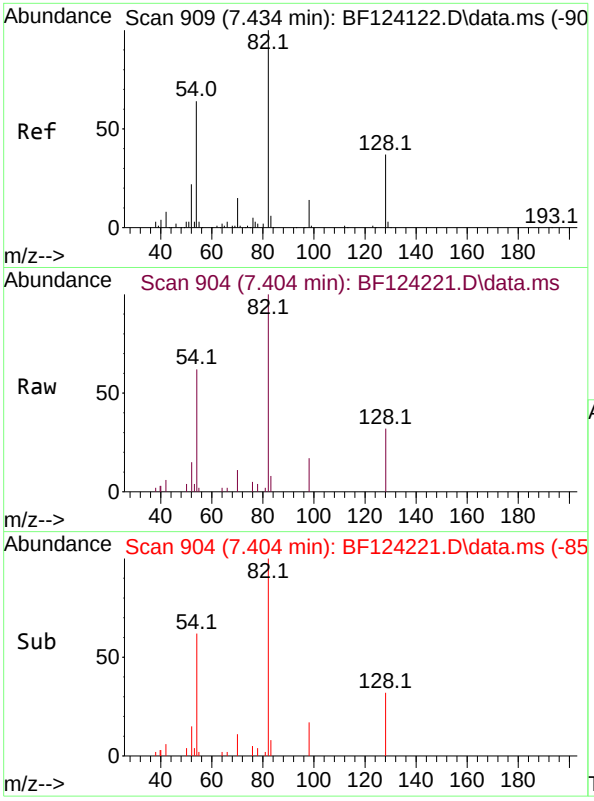
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF124221.D
Acq: 9 Jun 2021 22:06

Tgt Ion:136 Resp: 132095

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	8.7	9.8	14.6#
68	6.0	4.1	6.1



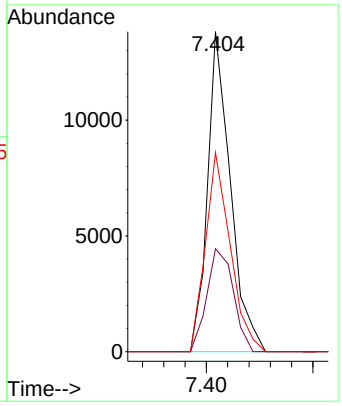
Instrument :
BNA_F
ClientSampleId :
18-B12(0-2)RE

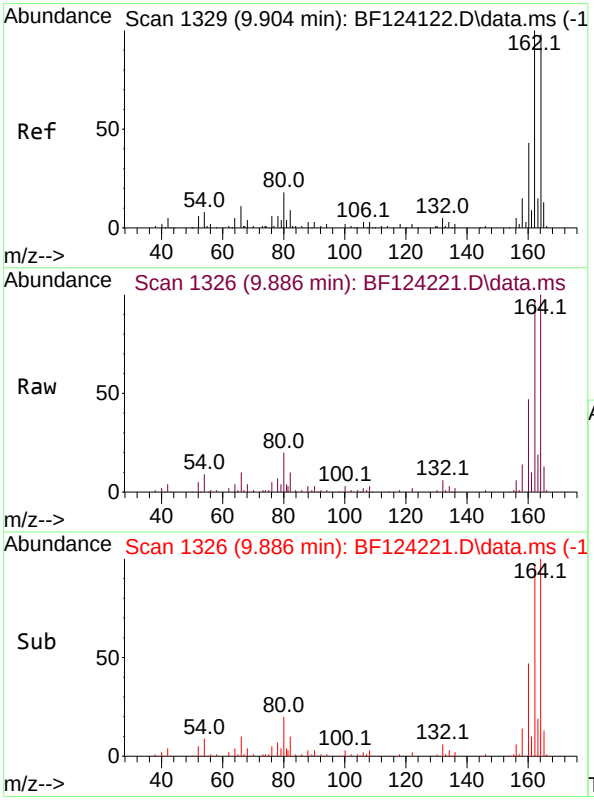


#23
Nitrobenzene-d5
Concen: 3.088 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.011 min
Lab File: BF124221.D
Acq: 9 Jun 2021 22:06

Tgt Ion: 82 Resp: 10284

Ion	Ratio	Lower	Upper
82	100		
128	32.2	29.4	44.2
54	62.2	54.1	81.1

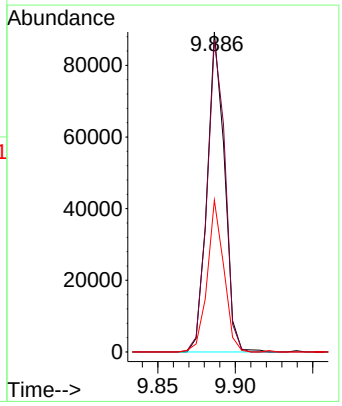


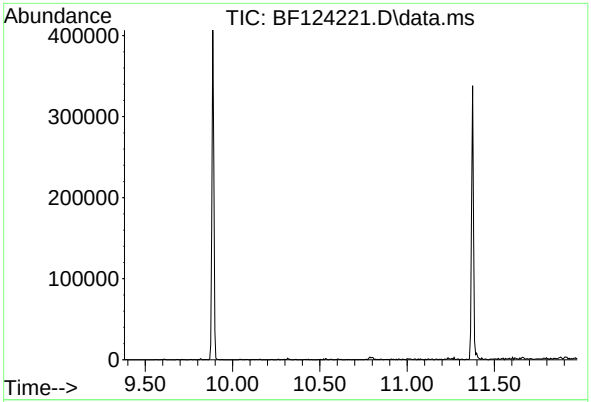


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124221.D
Acq: 9 Jun 2021 22:06

Tgt Ion:164 Resp: 69505

Ion	Ratio	Lower	Upper
164	100		
162	97.4	80.7	121.1
160	47.5	37.3	55.9





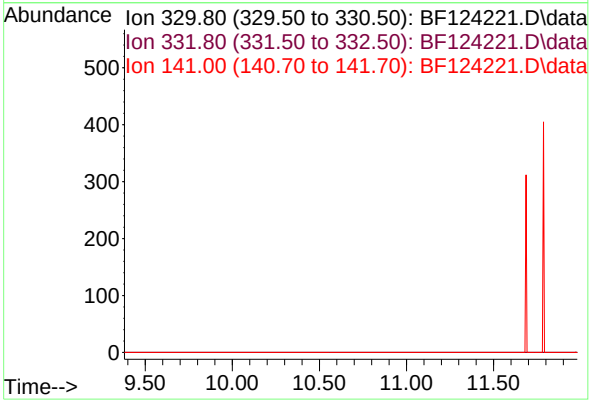
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.68 min

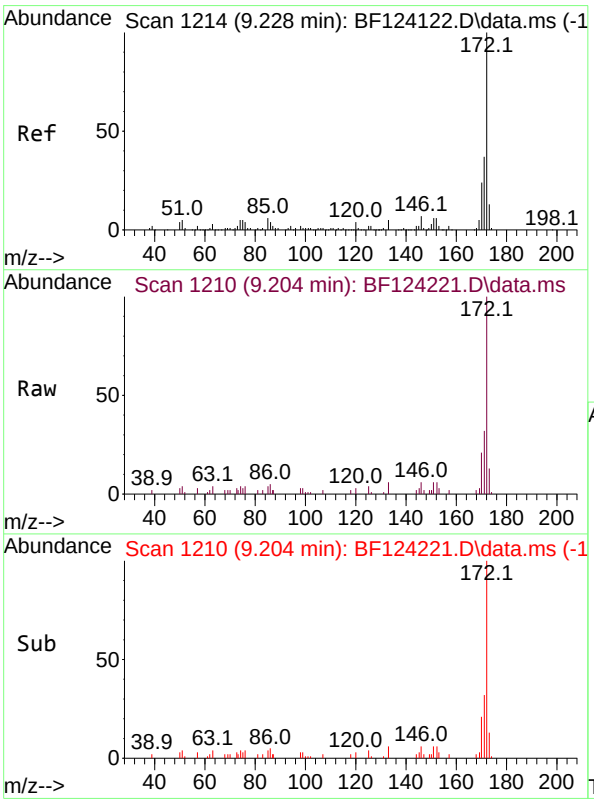
Lab File: BF124221.D
Acq: 9 Jun 2021 22:06

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.4
141	34.9

Instrument :
BNA_F
ClientSampleId :
18-B12(0-2)RE

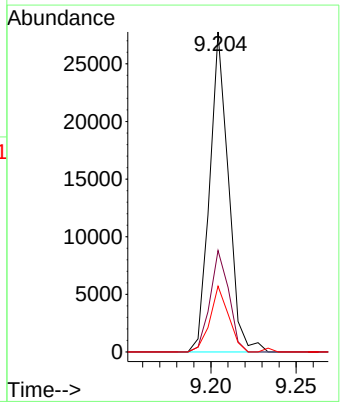




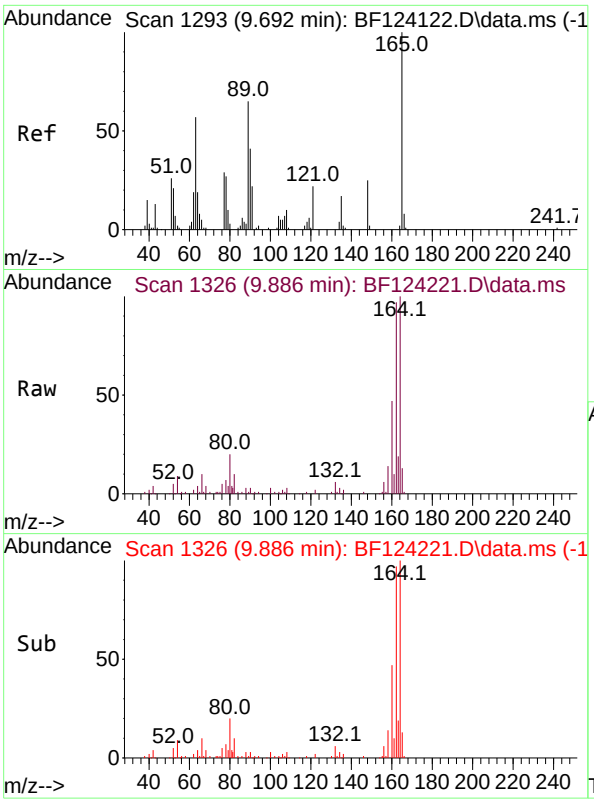
#45
2-Fluorobiphenyl
Concen: 3.857 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124221.D
Acq: 9 Jun 2021 22:06

Tgt Ion:172 Resp: 21302

Ion	Ratio	Lower	Upper
172	100		
171	31.7	28.1	42.1
170	20.6	19.2	28.8



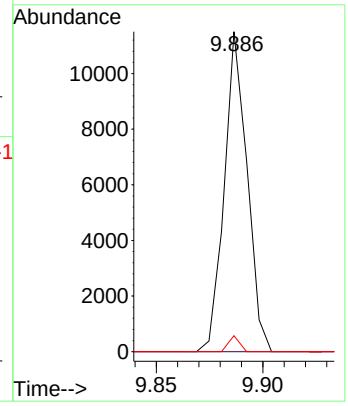
Instrument :
BNA_F
ClientSampleId :
18-B12(0-2)RE

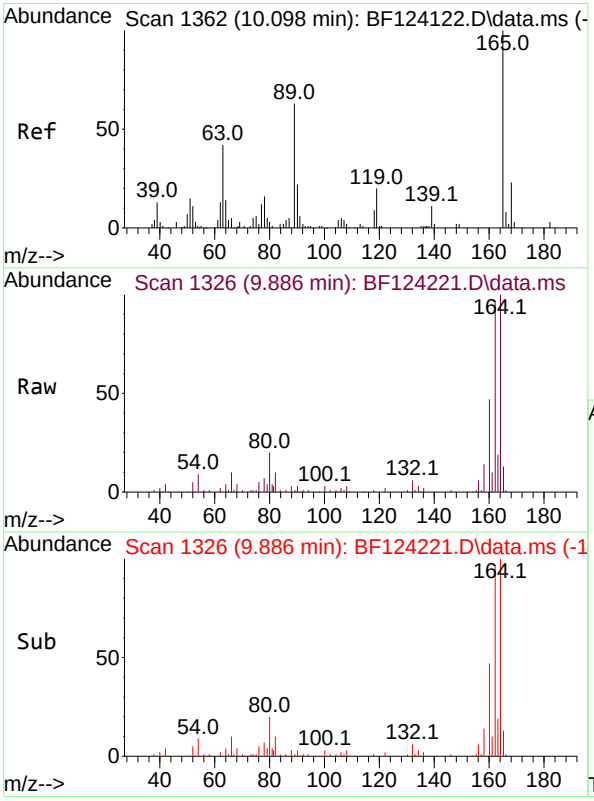


#51
2,6-Dinitrotoluene
Concen: 6.482 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF124221.D
Acq: 9 Jun 2021 22:06

Tgt Ion:165 Resp: 8547

Ion	Ratio	Lower	Upper
165	100		
63	0.0	67.7	101.5#
89	5.0	58.8	88.2#

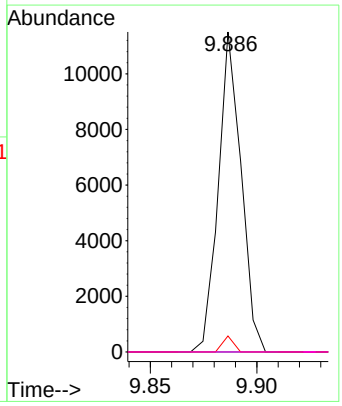




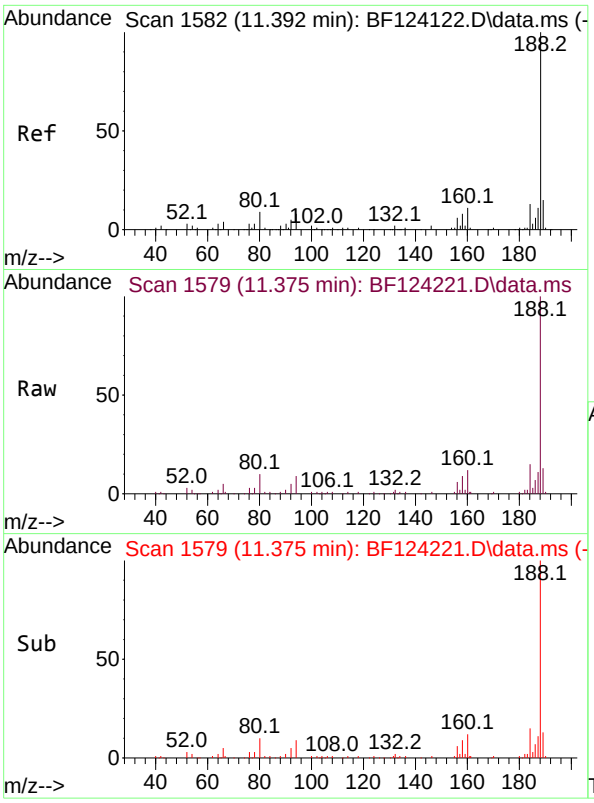
#57
2,4-Dinitrotoluene
Concen: 4.915 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF124221.D
Acq: 9 Jun 2021 22:06

Tgt Ion:165 Resp: 8547

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.5	65.3#
89	5.0	67.7	101.5#
182	0.0	2.1	3.1#



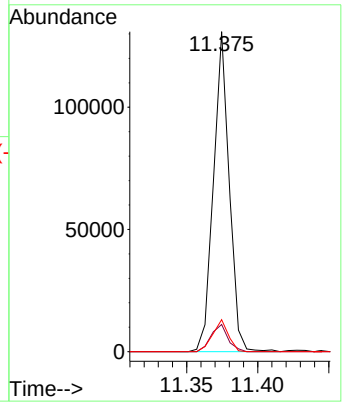
Instrument :
BNA_F
ClientSampleId :
18-B12(0-2)RE

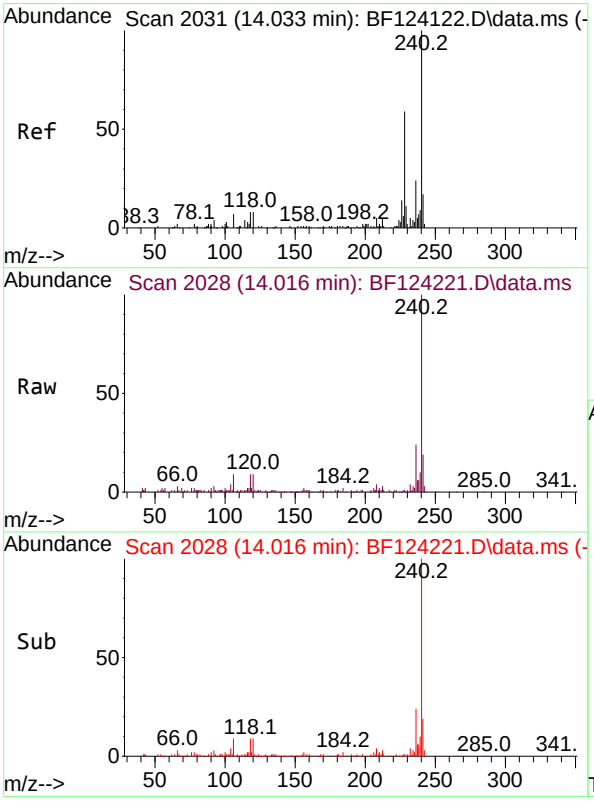


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124221.D
Acq: 9 Jun 2021 22:06

Tgt Ion:188 Resp: 100989

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	10.0	8.2	12.2

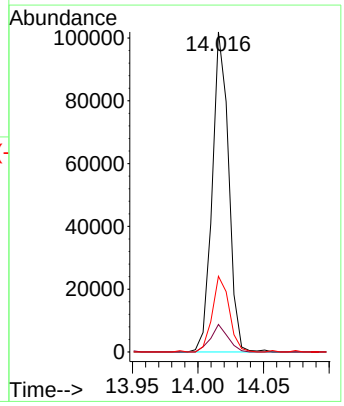


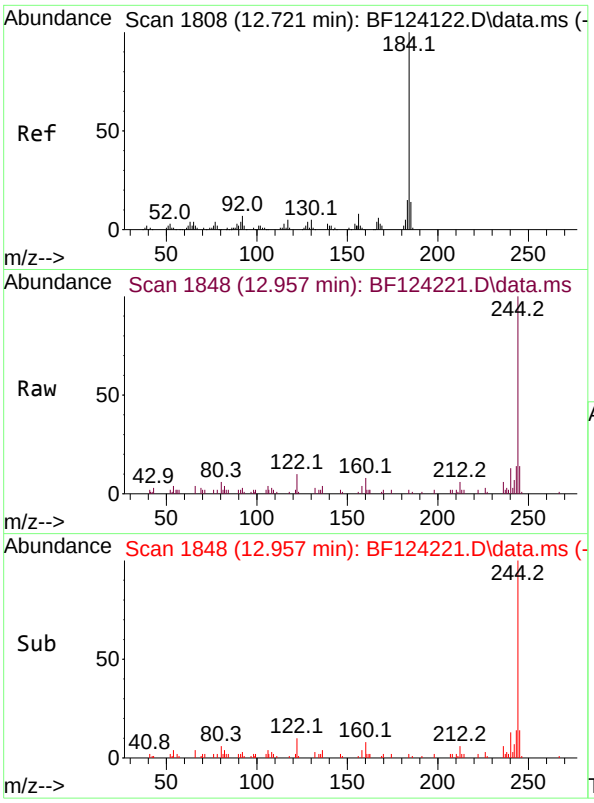


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124221.D
Acq: 9 Jun 2021 22:06

Tgt Ion:240 Resp: 88470

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.2	10.8
236	23.6	19.0	28.4

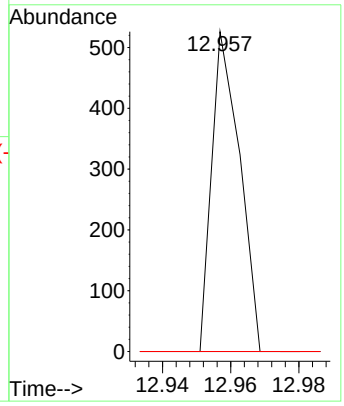




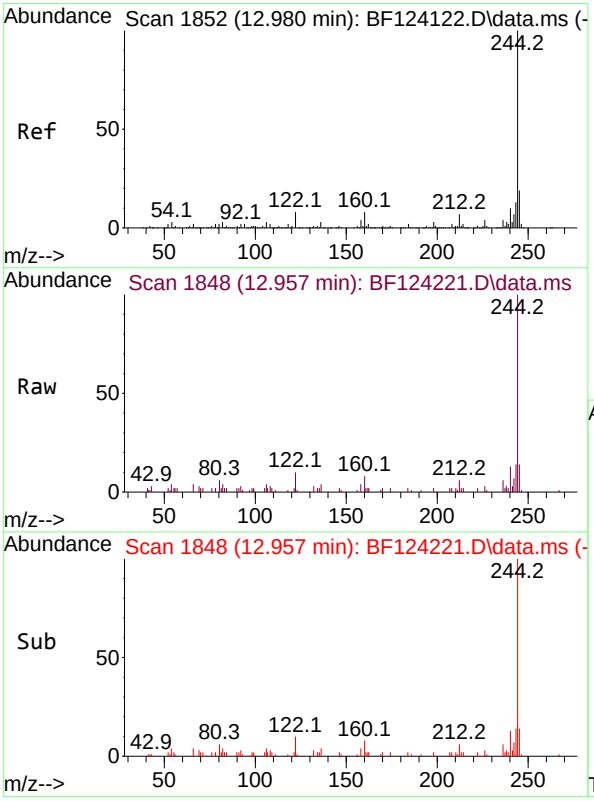
#77
Benzidine
Concen: 4.194 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF124221.D
Acq: 9 Jun 2021 22:06

Tgt Ion:184 Resp: 300

Ion	Ratio	Lower	Upper
184	100		
185	0.0	12.1	18.1#
183	0.0	7.8	11.8#



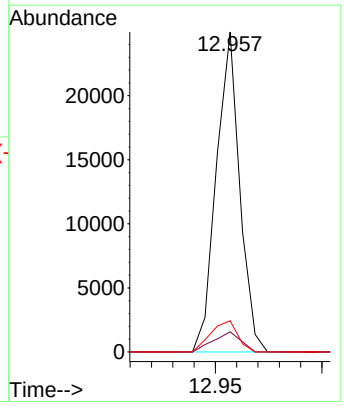
Instrument :
BNA_F
ClientSampleId :
18-B12(0-2)RE



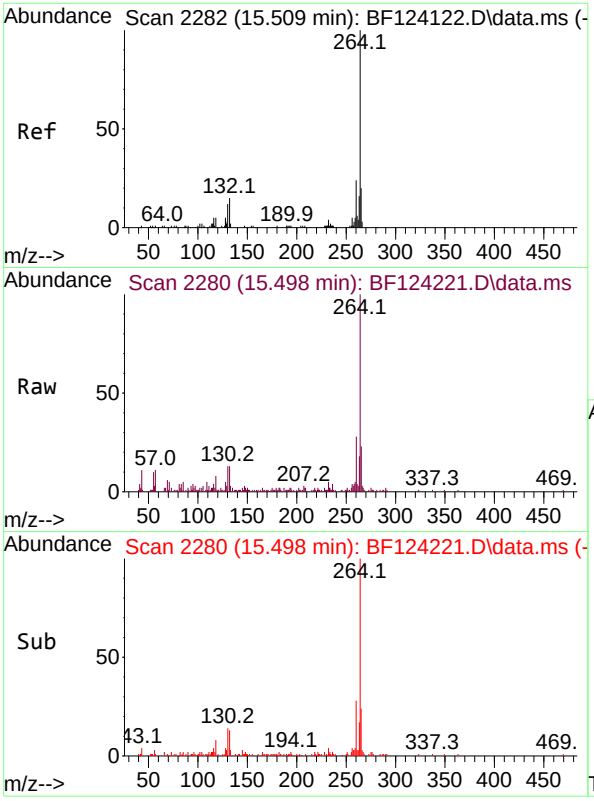
#79
Terphenyl-d14
Concen: 2.957 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124221.D
Acq: 9 Jun 2021 22:06

Tgt Ion:244 Resp: 19053

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.7	8.5
122	9.7	9.7	14.5



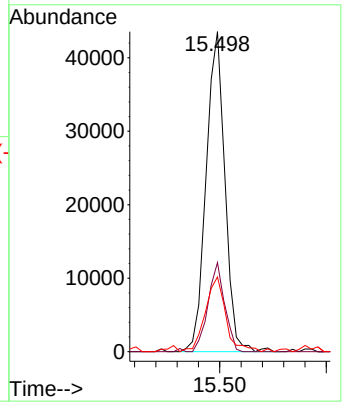
Instrument :
BNA_F
ClientSampleId :
18-B12(0-2)RE

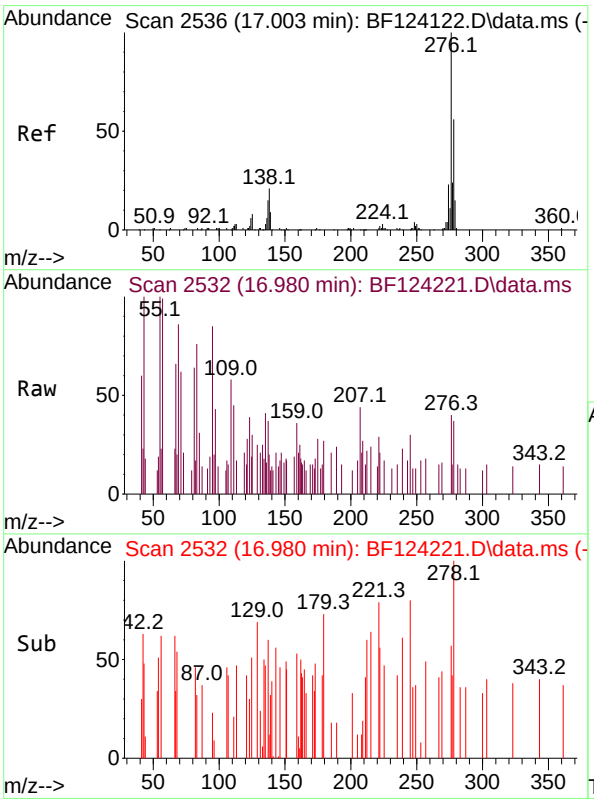


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF124221.D
Acq: 9 Jun 2021 22:06

Tgt Ion:264 Resp: 53436

Ion	Ratio	Lower	Upper
264	100		
260	27.8	18.7	28.1
265	23.3	17.8	26.8

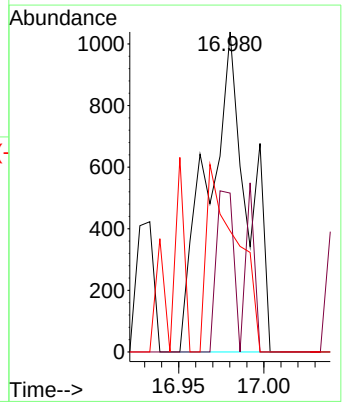




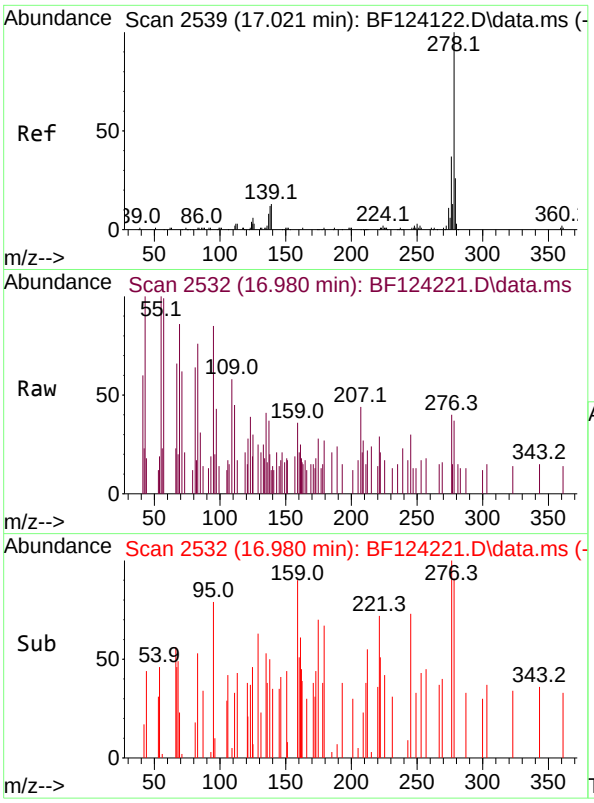
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.680 ng
RT: 16.980 min Scan# 2532
Delta R.T. 0.000 min
Lab File: BF124221.D
Acq: 9 Jun 2021 22:06

Tgt Ion:276 Resp: 1687

Ion	Ratio	Lower	Upper
276	100		
138	33.2	16.2	24.2#
277	0.0	20.1	30.1#



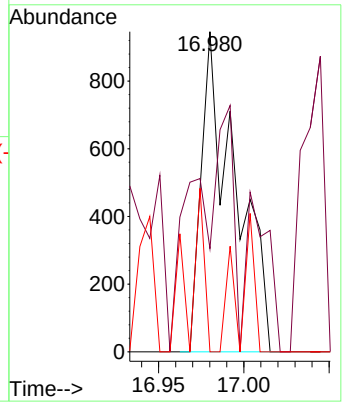
Instrument :
BNA_F
ClientSampleId :
18-B12(0-2)RE

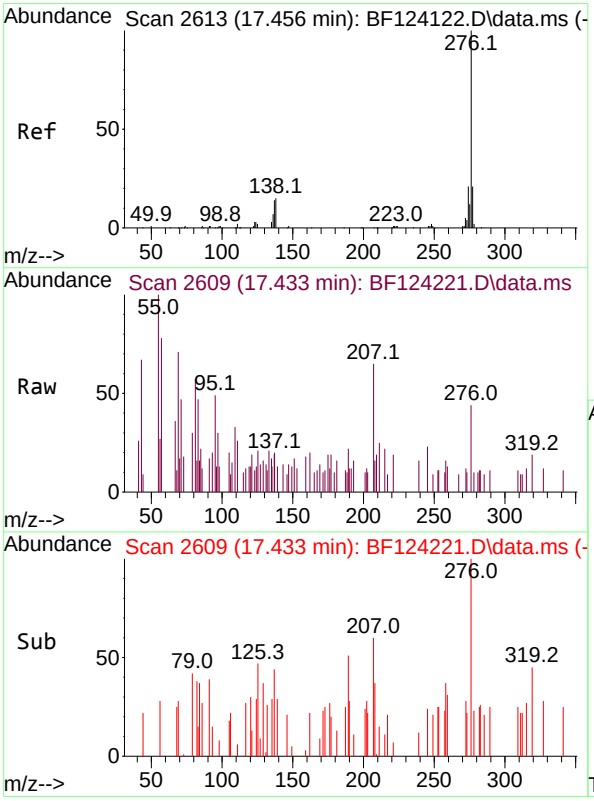


#91
Dibenzo(a,h)anthracene
Concen: 4.490 ng
RT: 16.980 min Scan# 2532
Delta R.T. -0.011 min
Lab File: BF124221.D
Acq: 9 Jun 2021 22:06

Tgt Ion:278 Resp: 1310

Ion	Ratio	Lower	Upper
278	100		
139	32.2	10.2	15.2#
279	0.0	19.4	29.0#





#92
Benzo(g,h,i)perylene
Concen: 4.392 ng
RT: 17.433 min Scan# 2609
Delta R.T. 0.000 min
Lab File: BF124221.D
Acq: 9 Jun 2021 22:06

Tgt Ion:276 Resp: 2379

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.2	27.2#
138	0.0	13.8	20.6#