Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135217.D
Acq On : 13 Sep 2023 10:50
Operator : CG\JU
Sample : 04110-20DL 20X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-28(1.5-2.5)DL

Quant Time: Sep 13 12:19:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	104417	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	382493	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	162068	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	249381	20.000	ng	0.00
76) Chrysene-d12	13.945	240	200076	20.000	ng	0.00
86) Perylene-d12	15.409	264	183099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	24520	3.819	ng	0.00
7) Phenol-d6	6.398	99	33247	4.073	ng	0.00
23) Nitrobenzene-d5	7.322	82	21442	3.046	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	4970	3.086	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	44021	4.098	ng	-0.01
79) Terphenyl-d14	12.880	244	28767	2.229	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.798	163	31484	2.873	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	21378	8.906	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	21378	7.114	ng	# 18
75) Fluoranthene	12.510	202	165144	13.437	ng	98
78) Pyrene	12.739	202	231195	12.137	ng	99
81) Benzo(a)anthracene	13.933	228	139224	10.776	ng	94
83) Chrysene	13.968	228	130414	10.153	ng	97
87) Indeno(1,2,3-cd)pyrene	16.880	276	55242	4.602	ng	96
88) Benzo(b)fluoranthene	14.986	252	246776	24.897	ng	98
89) Benzo(k)fluoranthene	14.986	252	246776	25.204	ng	98
90) Benzo(a)pyrene	15.345	252	106043	11.219	ng	97
92) Benzo(g,h,i)perylene	17.327	276	44933	4.380	ng	# 93

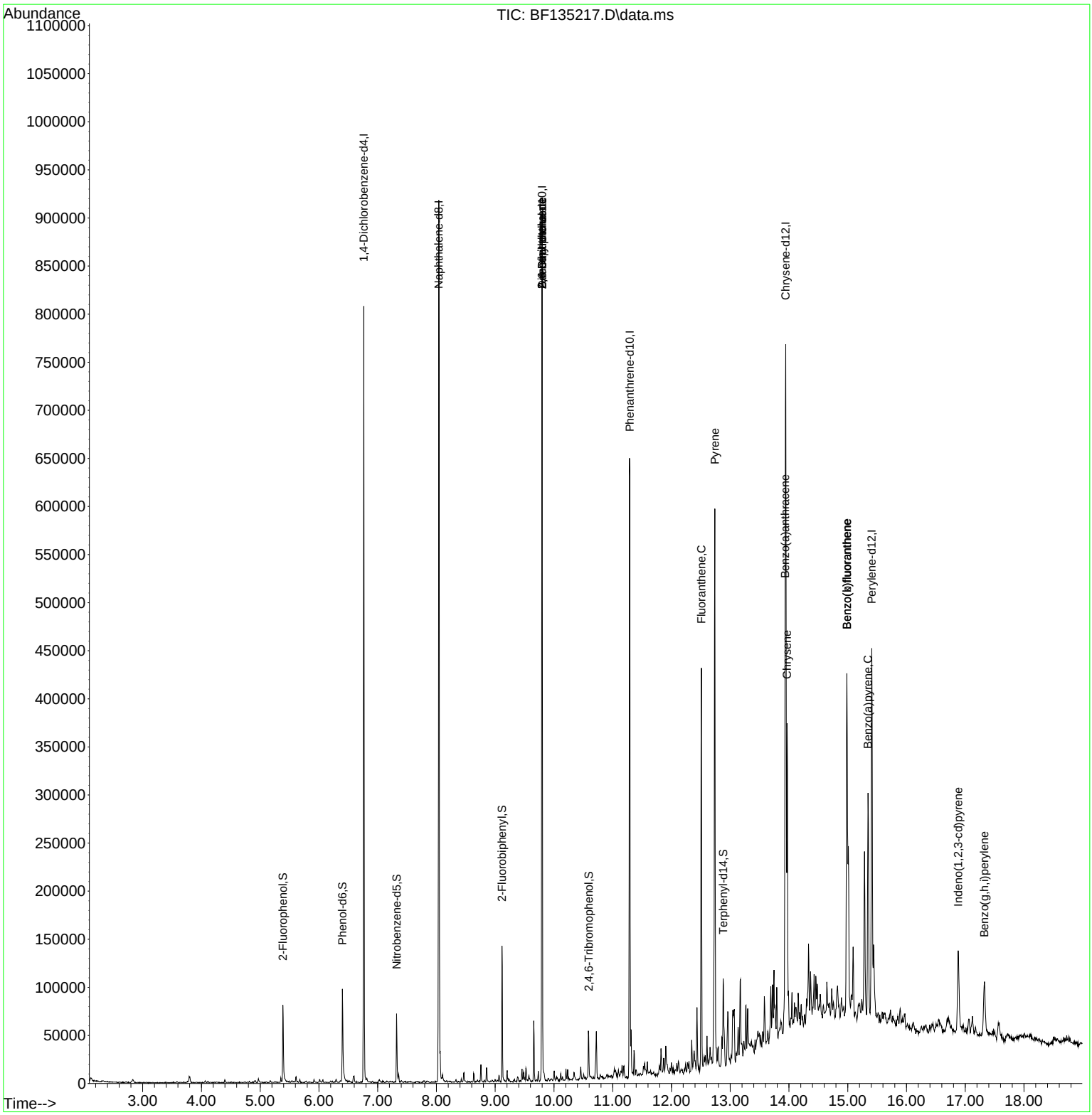
(#) = qualifier out of range (m) = manual integration (+) = signals summed

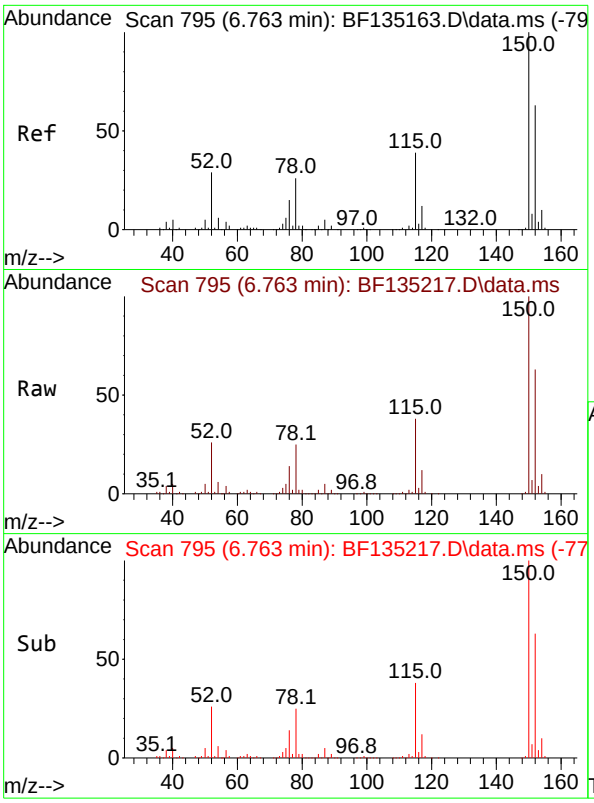
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135217.D
Acq On : 13 Sep 2023 10:50
Operator : CG\JU
Sample : 04110-20DL 20X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-28(1.5-2.5)DL

Quant Time: Sep 13 12:19:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration



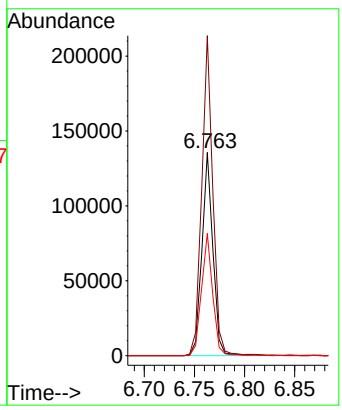


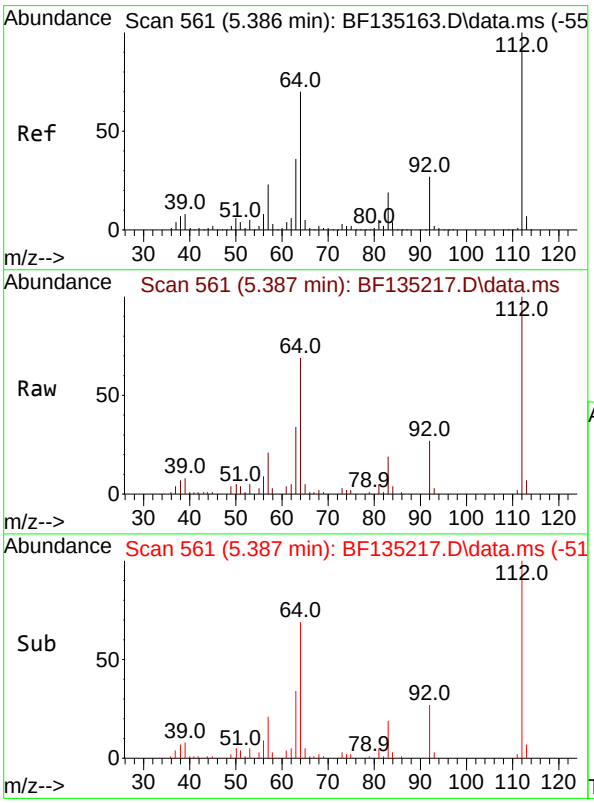
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF135217.D
Acq: 13 Sep 2023 10:50

Instrument :
BNA_F
ClientSampleId :
TP-28(1.5-2.5)DL

Tgt Ion:152 Resp: 104417

Ion	Ratio	Lower	Upper
152	100		
150	157.5	127.8	191.6
115	60.2	49.8	74.8

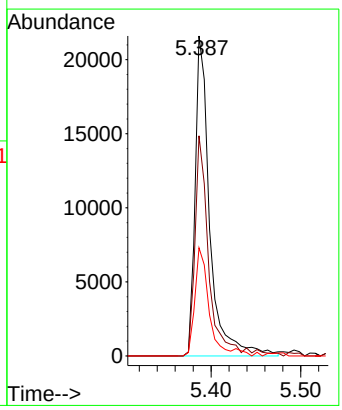


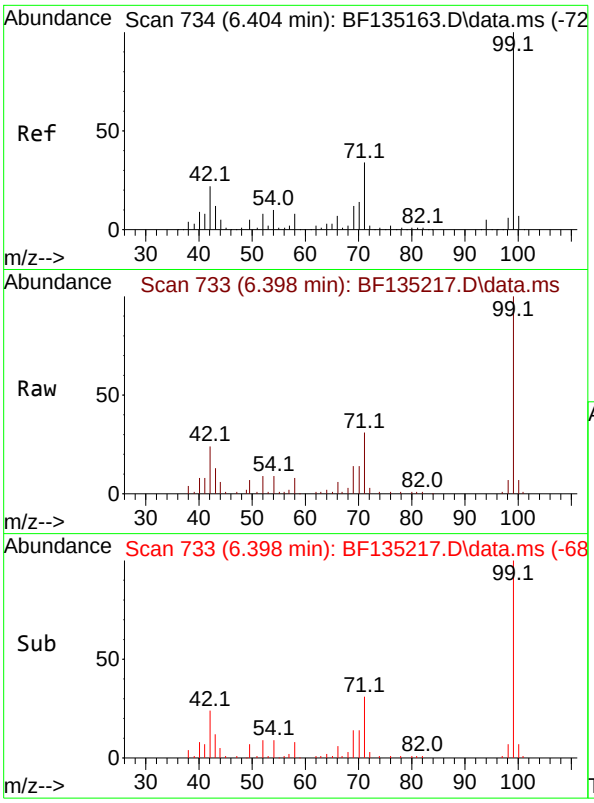


#5
2-Fluorophenol
Concen: 3.819 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135217.D
Acq: 13 Sep 2023 10:50

Tgt Ion:112 Resp: 24520

Ion	Ratio	Lower	Upper
112	100		
64	68.8	55.9	83.9
63	33.8	29.0	43.6



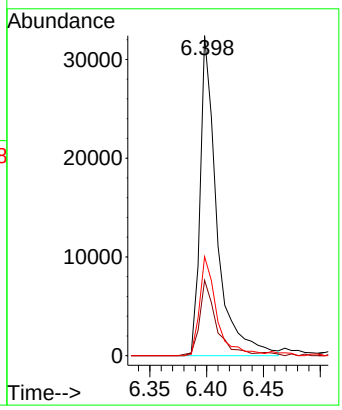


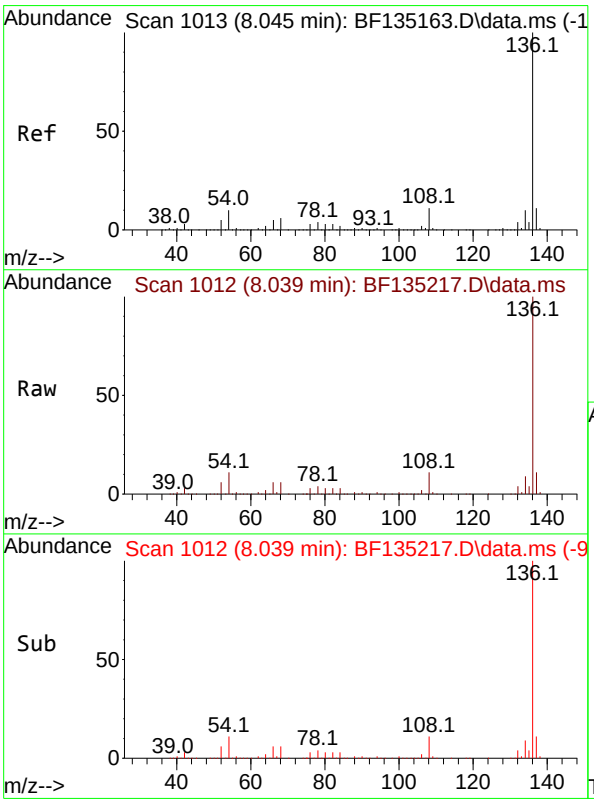
#7
Phenol-d6
Concen: 4.073 ng
RT: 6.398 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF135217.D
Acq: 13 Sep 2023 10:50

Instrument :
BNA_F
ClientSampleId :
TP-28(1.5-2.5)DL

Tgt Ion: 99 Resp: 33247

Ion	Ratio	Lower	Upper
99	100		
42	23.6	17.9	26.9
71	31.0	27.0	40.6

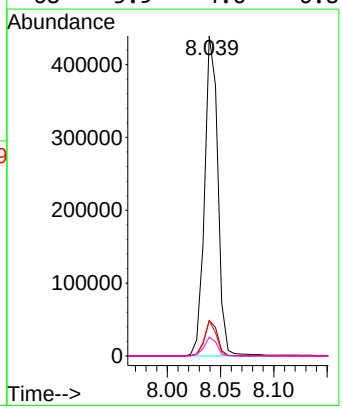


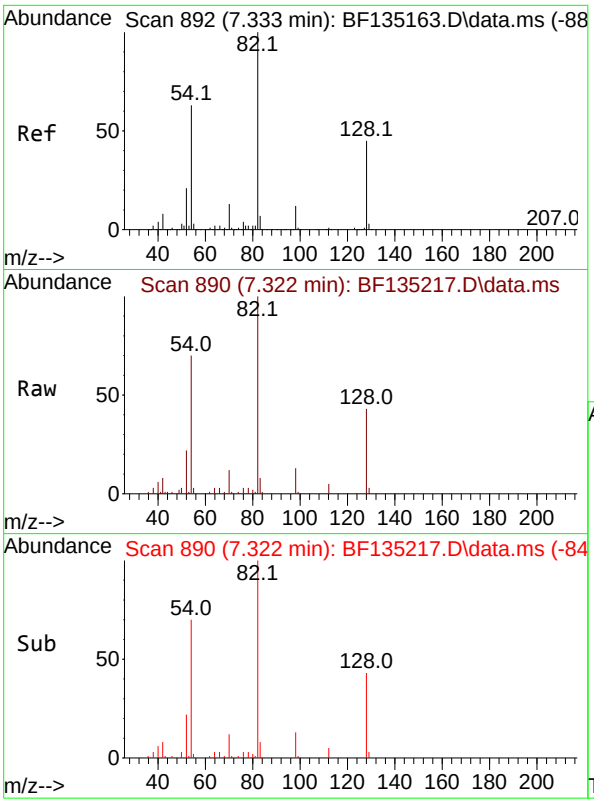


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135217.D
Acq: 13 Sep 2023 10:50

Tgt Ion:136 Resp: 382493

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.0	7.7	11.5
68	5.9	4.6	6.8



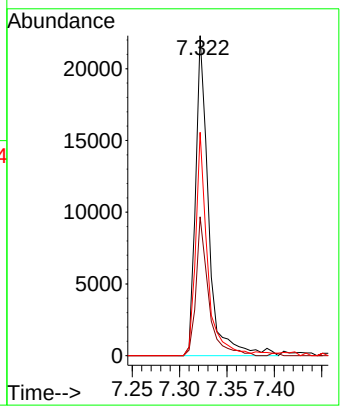


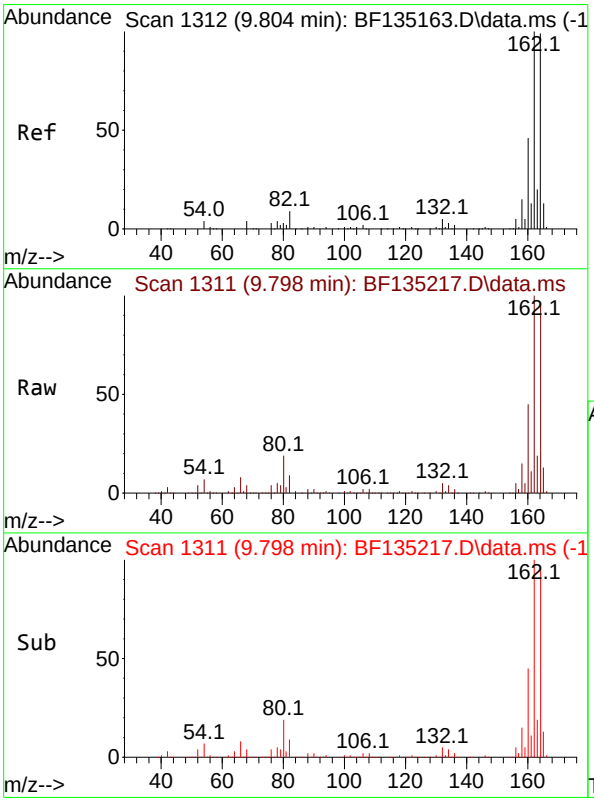
#23
Nitrobenzene-d5
Concen: 3.046 ng
RT: 7.322 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF135217.D
Acq: 13 Sep 2023 10:50

Instrument :
BNA_F
ClientSampleId :
TP-28(1.5-2.5)DL

Tgt Ion: 82 Resp: 21442

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.8	53.6
54	69.8	50.6	76.0

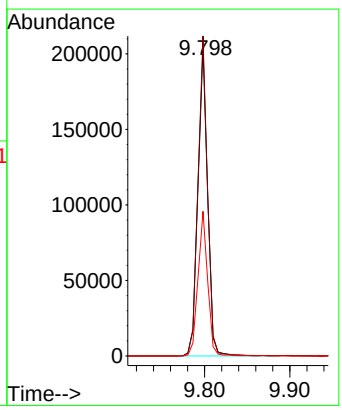


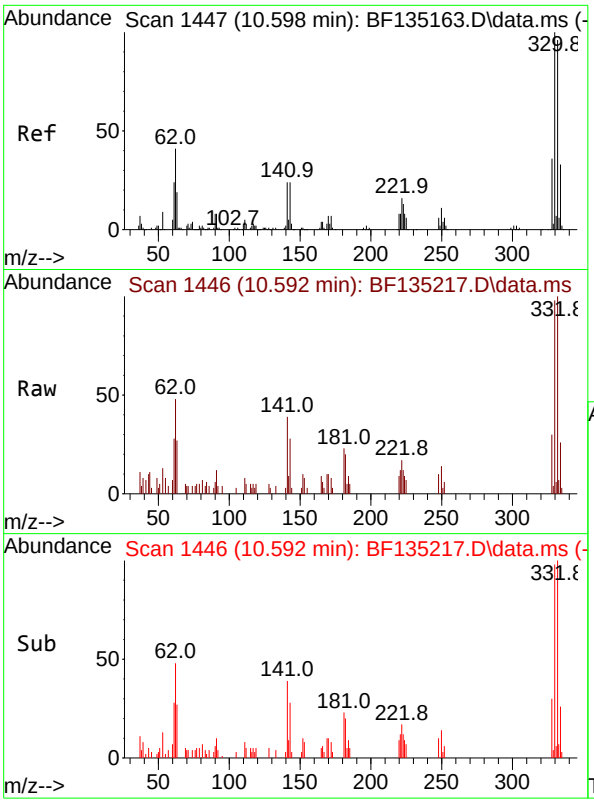


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135217.D
Acq: 13 Sep 2023 10:50

Tgt Ion:164 Resp: 162068

Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.0	121.4
160	46.9	37.0	55.4



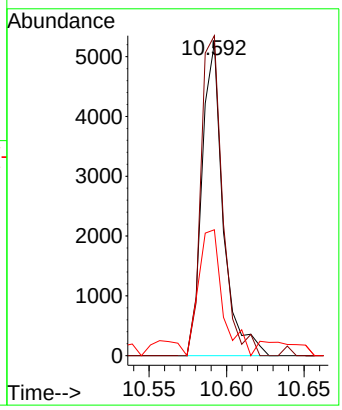


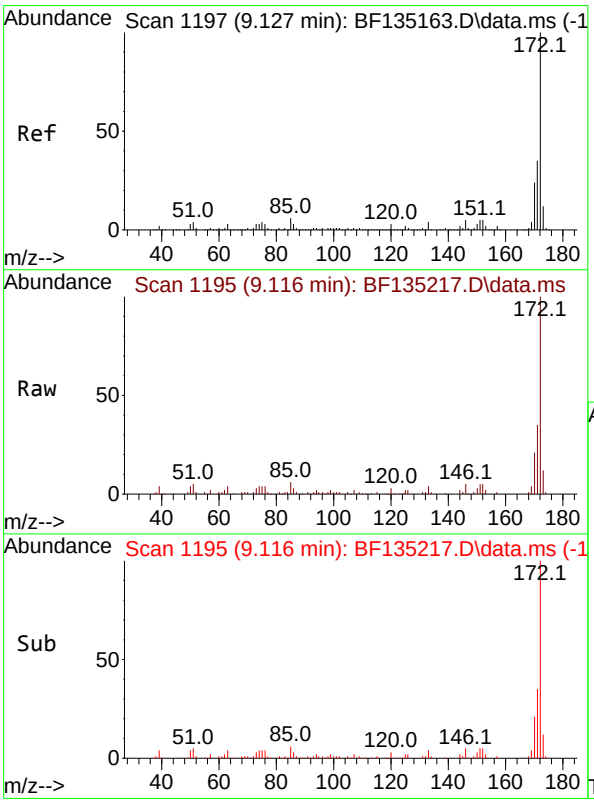
#42
2,4,6-Tribromophenol
Concen: 3.086 ng
RT: 10.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF135217.D
Acq: 13 Sep 2023 10:50

Instrument :
BNA_F
ClientSampleId :
TP-28(1.5-2.5)DL

Tgt Ion:330 Resp: 4970

Ion	Ratio	Lower	Upper
330	100		
332	104.1	77.3	115.9
141	45.7	25.8	38.8#

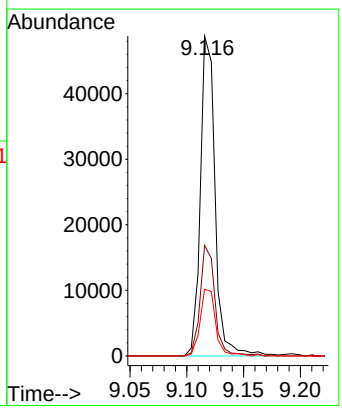


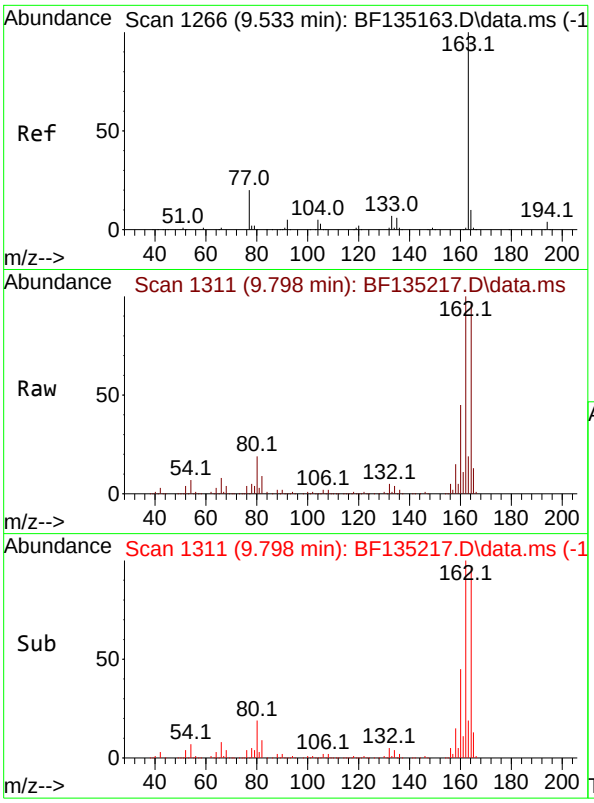


#45
2-Fluorobiphenyl
Concen: 4.098 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135217.D
Acq: 13 Sep 2023 10:50

Tgt Ion:172 Resp: 44021

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.4	42.6
170	20.9	19.0	28.4



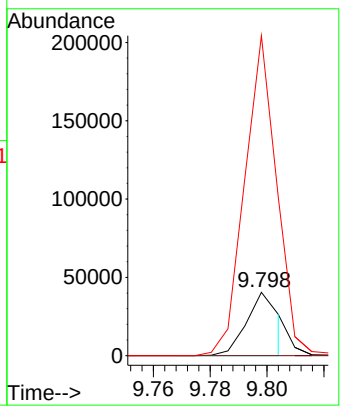


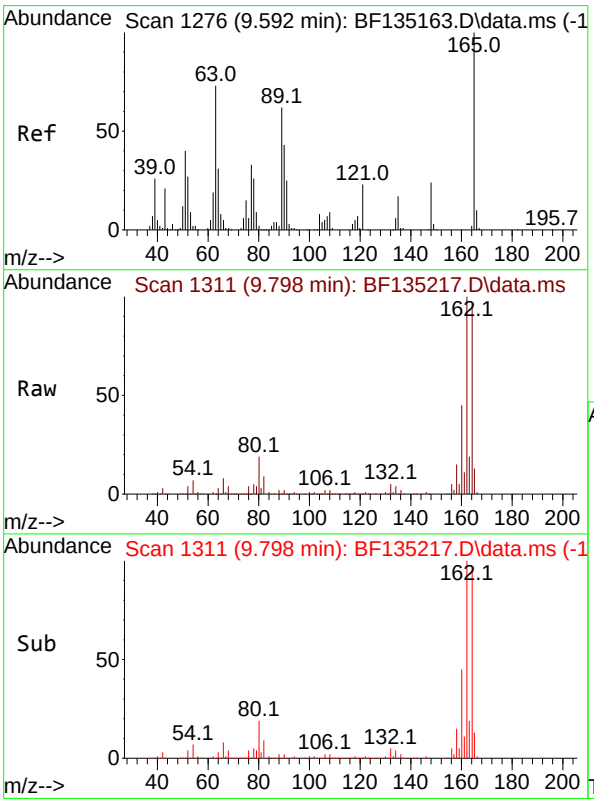
#50
Dimethylphthalate
Concen: 2.873 ng
RT: 9.798 min Scan# 1
Delta R.T. 0.265 min
Lab File: BF135217.D
Acq: 13 Sep 2023 10:50

Instrument :
BNA_F
ClientSampleId :
TP-28(1.5-2.5)DL

Tgt Ion:163 Resp: 31484

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.1	4.7#
164	504.8	8.1	12.1#

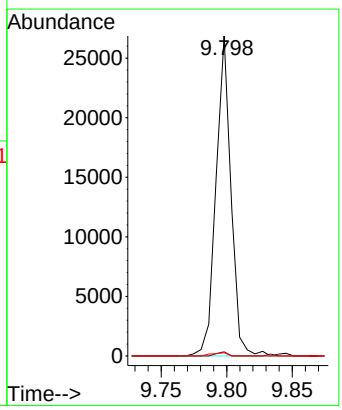


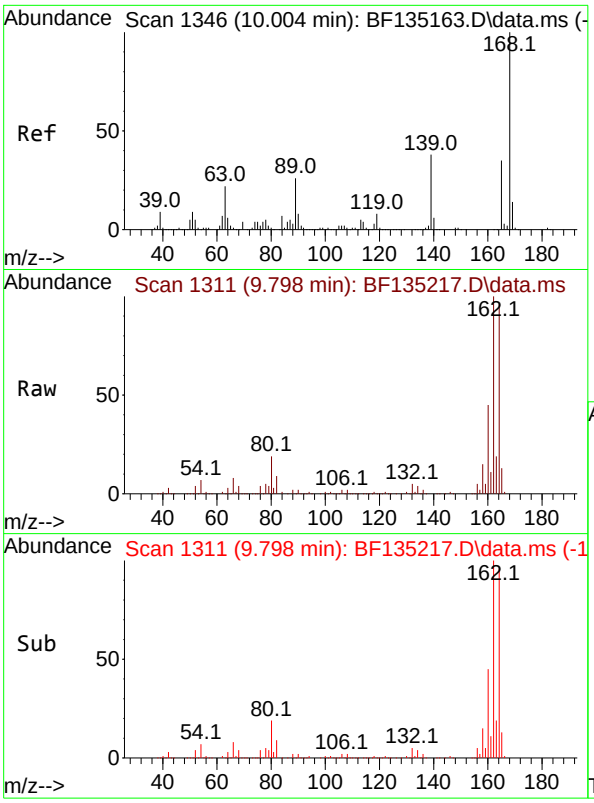


#51
2,6-Dinitrotoluene
Concen: 8.906 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135217.D
Acq: 13 Sep 2023 10:50

Tgt Ion:165 Resp: 21378

Ion	Ratio	Lower	Upper
165	100		
63	1.3	59.4	89.2#
89	1.0	49.8	74.8#



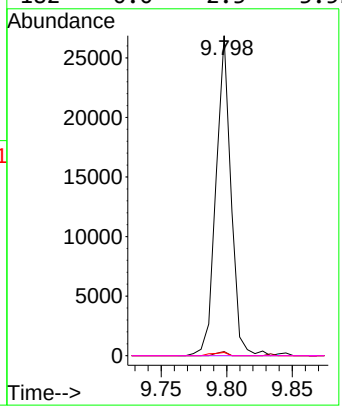


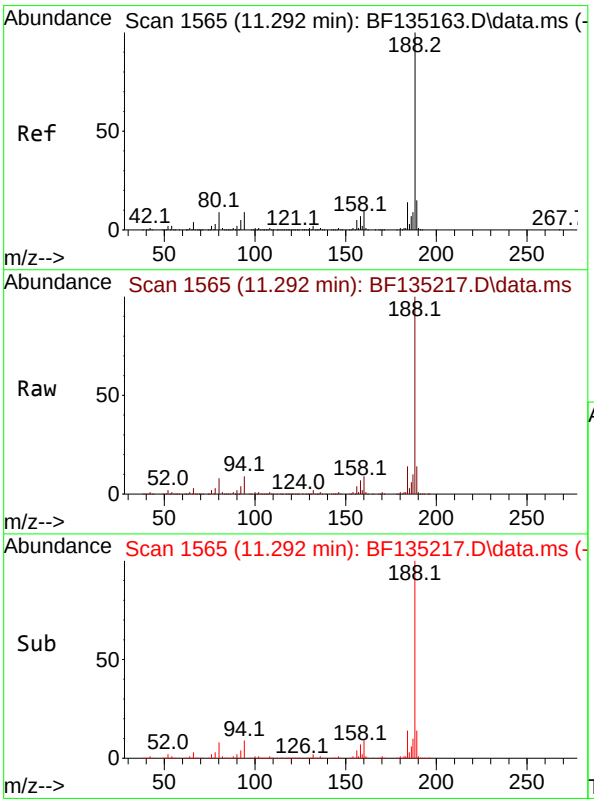
#57
2,4-Dinitrotoluene
Concen: 7.114 ng
RT: 9.798 min Scan# 1
Delta R.T. -0.206 min
Lab File: BF135217.D
Acq: 13 Sep 2023 10:50

Instrument :
BNA_F
ClientSampleId :
TP-28(1.5-2.5)DL

Tgt Ion:165 Resp: 21378

Ion	Ratio	Lower	Upper
165	100		
63	1.3	50.1	75.1#
89	1.0	59.3	88.9#
182	0.0	2.3	3.5#

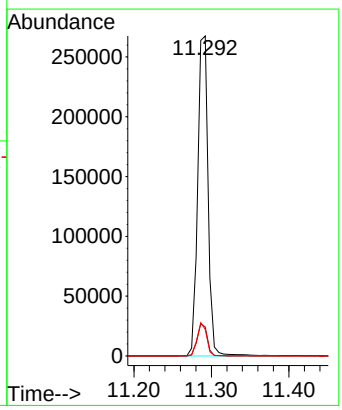


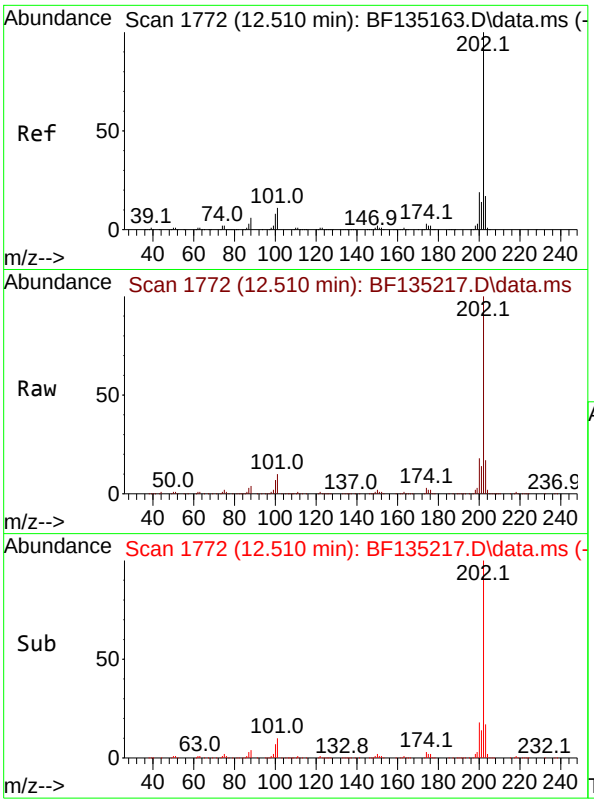


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135217.D
Acq: 13 Sep 2023 10:50

Tgt Ion:188 Resp: 249381

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	8.3	7.5	11.3



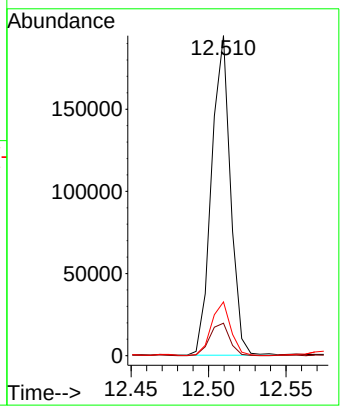


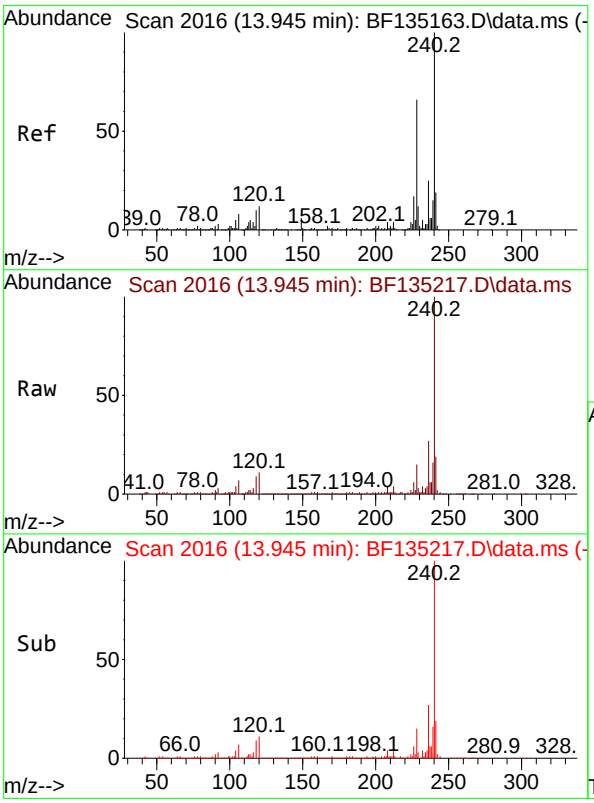
#75
Fluoranthene
Concen: 13.437 ng
RT: 12.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF135217.D
Acq: 13 Sep 2023 10:50

Instrument :
BNA_F
ClientSampleId :
TP-28(1.5-2.5)DL

Tgt Ion:202 Resp: 165144

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.3
203	16.8	0.0	37.4

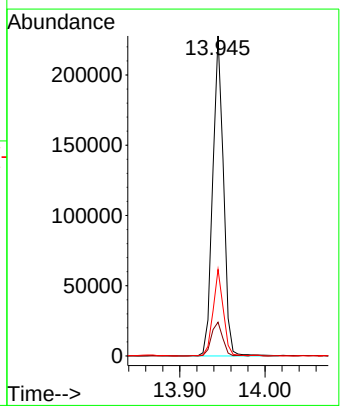


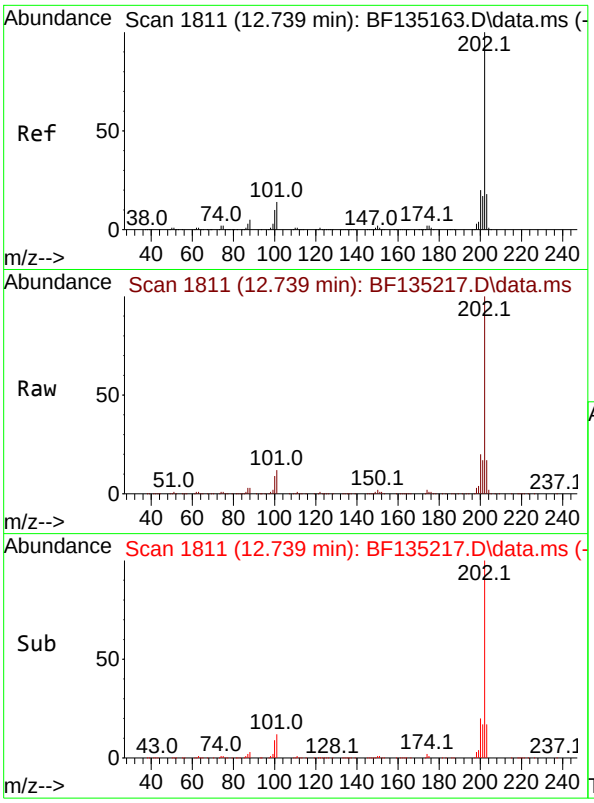


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135217.D
Acq: 13 Sep 2023 10:50

Tgt Ion:240 Resp: 200076

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.4	14.2
236	27.0	19.8	29.8



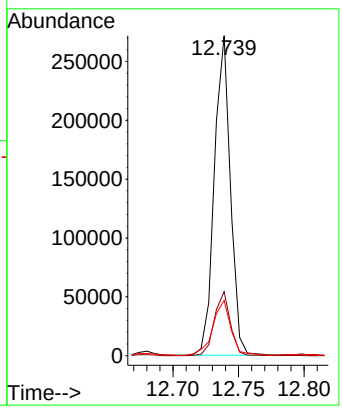


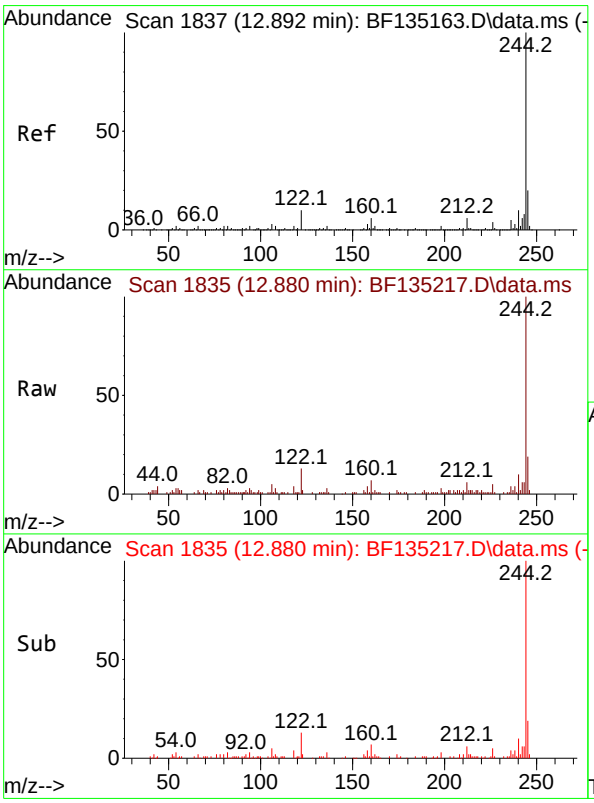
#78
Pyrene
Concen: 12.137 ng
RT: 12.739 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF135217.D
Acq: 13 Sep 2023 10:50

Instrument :
BNA_F
ClientSampleId :
TP-28(1.5-2.5)DL

Tgt Ion:202 Resp: 231195

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.2	24.2
203	17.2	14.2	21.4

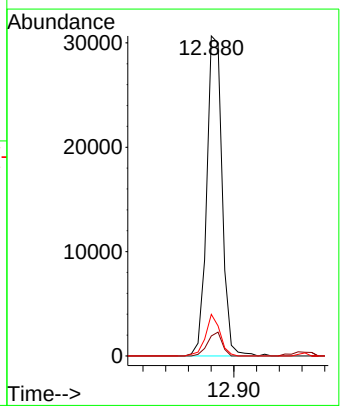


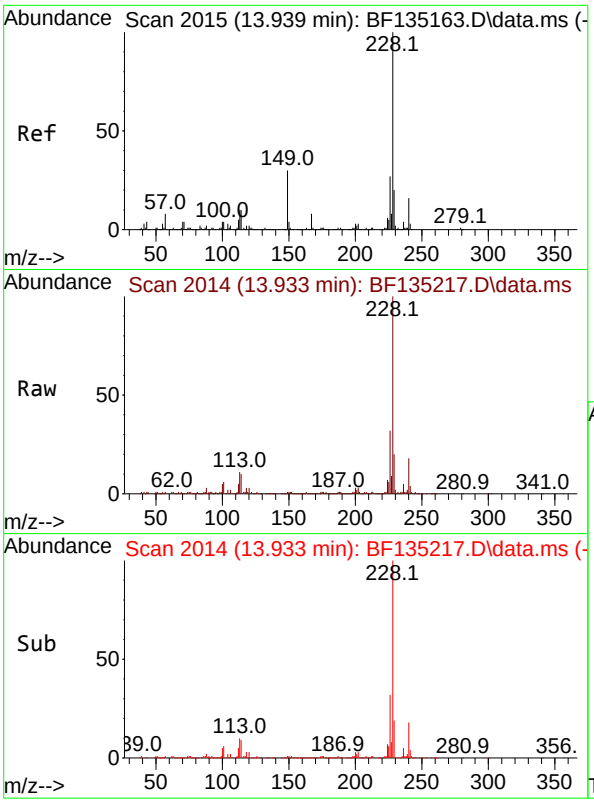


#79
Terphenyl-d14
Concen: 2.229 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BF135217.D
Acq: 13 Sep 2023 10:50

Tgt Ion:244 Resp: 28767

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.1	7.7
122	13.0	7.9	11.9#



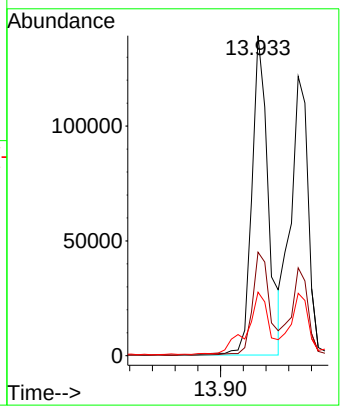


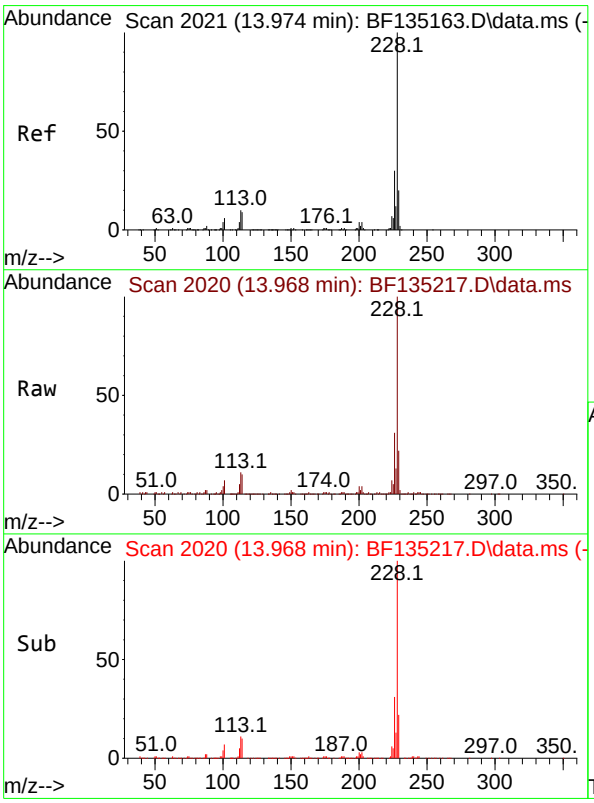
#81
Benzo(a)anthracene
Concen: 10.776 ng
RT: 13.933 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF135217.D
Acq: 13 Sep 2023 10:50

Instrument :
BNA_F
ClientSampleId :
TP-28(1.5-2.5)DL

Tgt Ion:228 Resp: 139224

Ion	Ratio	Lower	Upper
228	100		
226	32.4	21.7	32.5
229	19.8	15.8	23.8

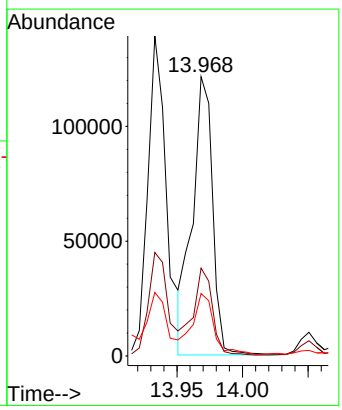


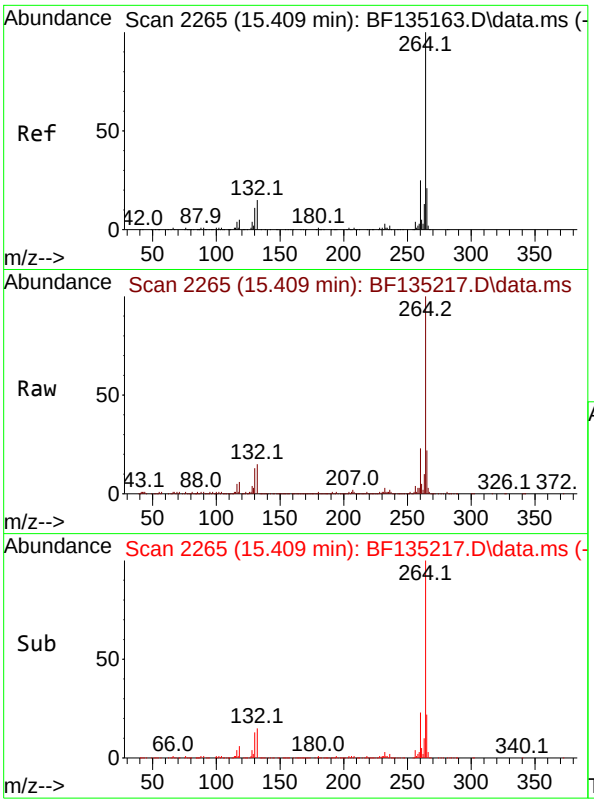


#83
Chrysene
Concen: 10.153 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF135217.D
Acq: 13 Sep 2023 10:50

Tgt Ion:228 Resp: 130414

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.3	36.5
229	22.4	16.0	24.0



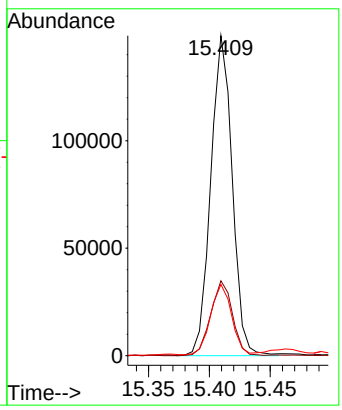


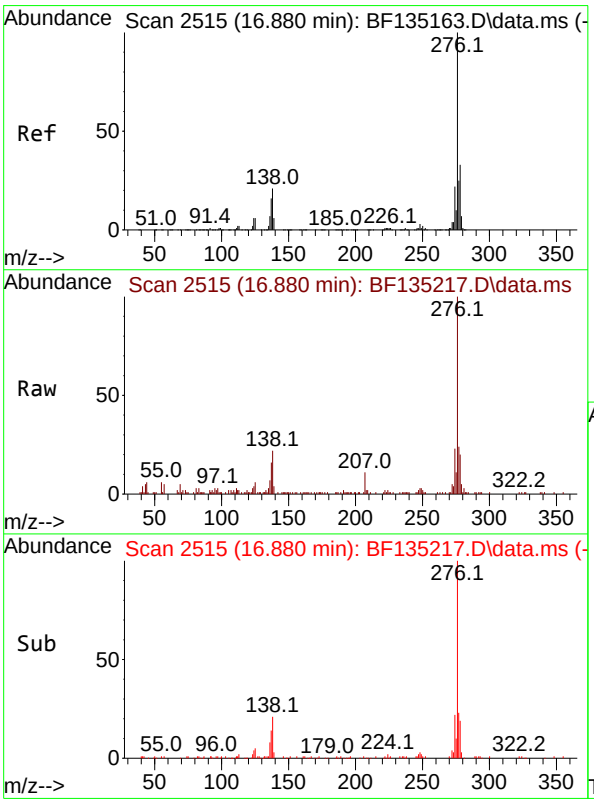
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF135217.D
Acq: 13 Sep 2023 10:50

Instrument :
BNA_F
ClientSampleId :
TP-28(1.5-2.5)DL

Tgt Ion:264 Resp: 183099

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.8	29.6
265	22.2	17.0	25.4

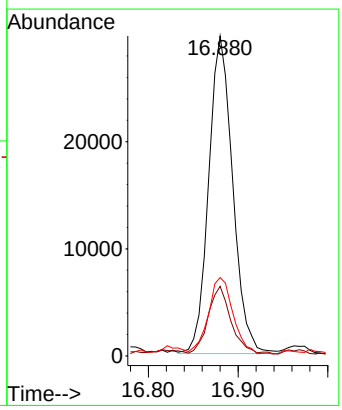


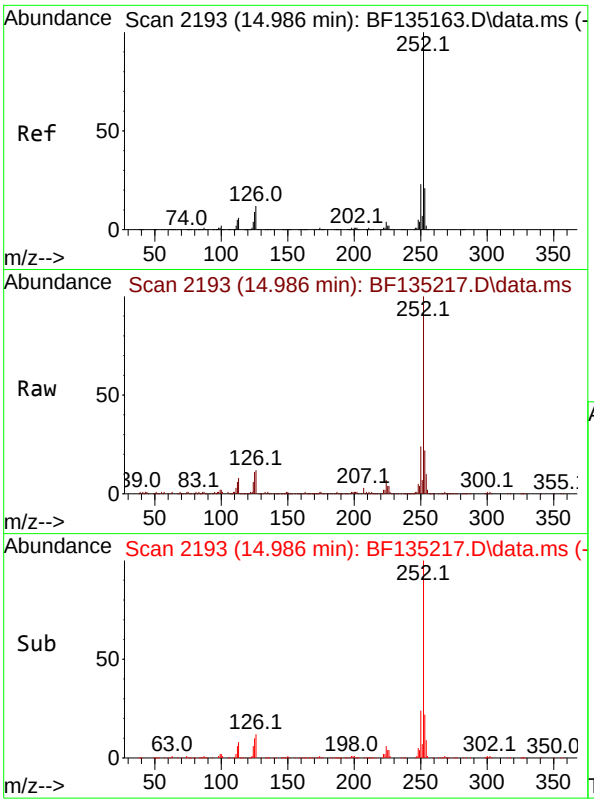


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.602 ng
RT: 16.880 min Scan# 2515
Delta R.T. 0.000 min
Lab File: BF135217.D
Acq: 13 Sep 2023 10:50

Tgt Ion:276 Resp: 55242

Ion	Ratio	Lower	Upper
276	100		
138	20.5	19.2	28.8
277	24.7	19.7	29.5



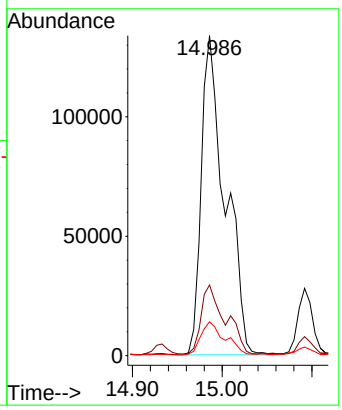


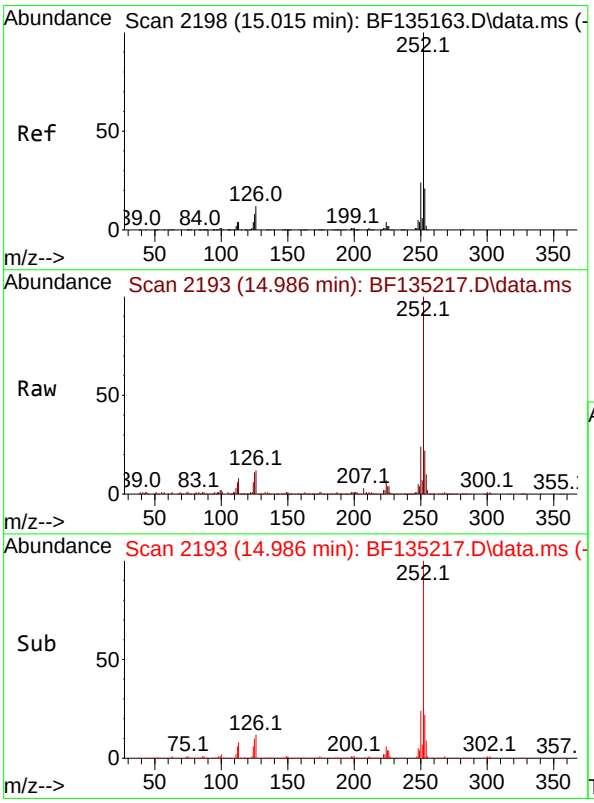
#88
Benzo(b)fluoranthene
Concen: 24.897 ng
RT: 14.986 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135217.D
Acq: 13 Sep 2023 10:50

Instrument :
BNA_F
ClientSampleId :
TP-28(1.5-2.5)DL

Tgt Ion:252 Resp: 246776

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	10.6	7.1	10.7

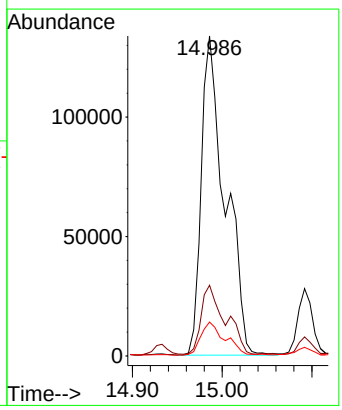


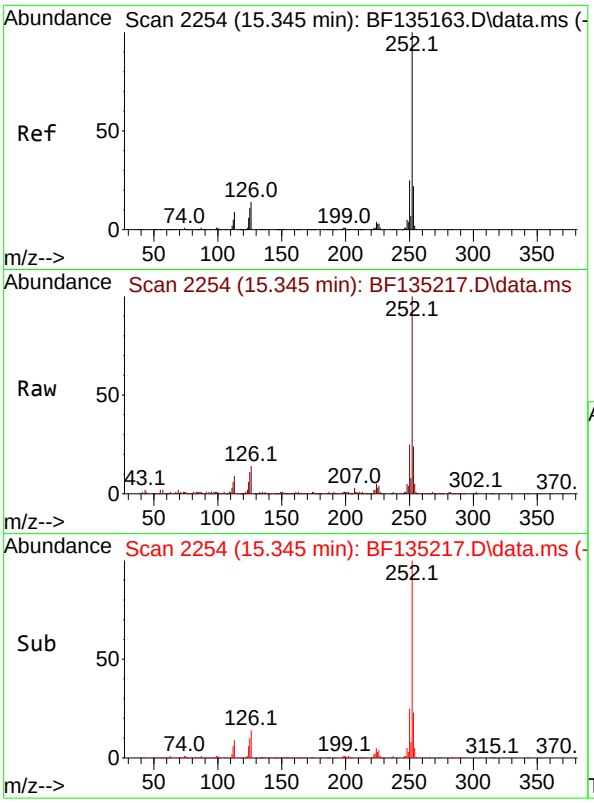


#89
Benzo(k)fluoranthene
Concen: 25.204 ng
RT: 14.986 min Scan# 2193
Delta R.T. -0.029 min
Lab File: BF135217.D
Acq: 13 Sep 2023 10:50

Tgt Ion:252 Resp: 246776

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	10.6	7.2	10.8



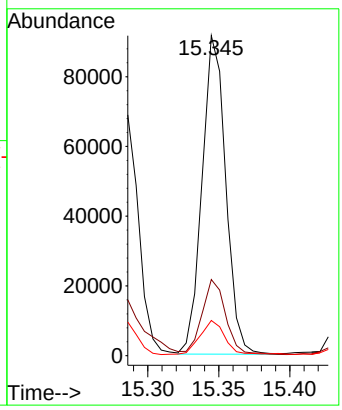


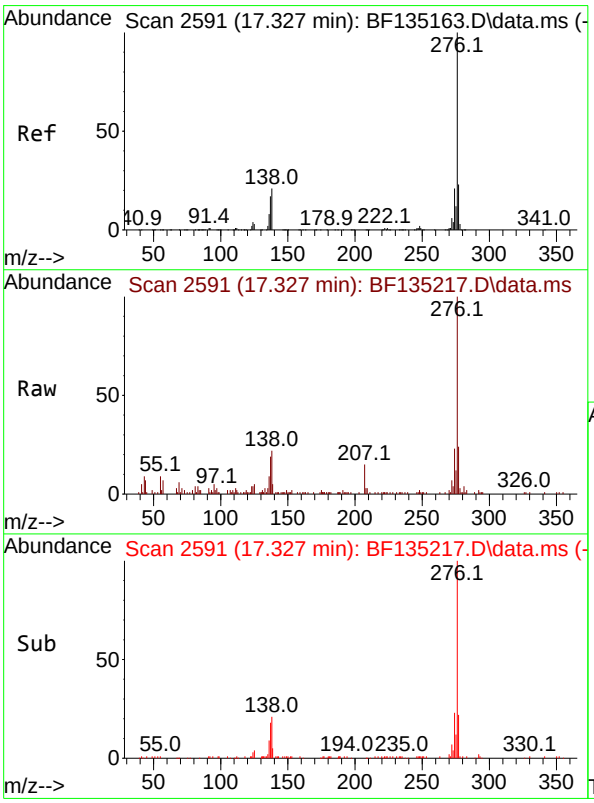
#90
Benzo(a)pyrene
Concen: 11.219 ng
RT: 15.345 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF135217.D
Acq: 13 Sep 2023 10:50

Instrument :
BNA_F
ClientSampleId :
TP-28(1.5-2.5)DL

Tgt Ion:252 Resp: 106043

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	11.0	9.2	13.8





#92
Benzo(g,h,i)perylene
Concen: 4.380 ng
RT: 17.327 min Scan# 2591
Delta R.T. 0.000 min
Lab File: BF135217.D
Acq: 13 Sep 2023 10:50

Tgt Ion:276 Resp: 44933

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	27.7	16.9	25.3#