Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
Data File : BF141549.D
Acq On : 10 Feb 2025 21:38
Operator : RC/JU
Sample : Q1241-15DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025DL

Quant Time: Feb 11 00:10:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	77702	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	310551	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	156153	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	212674	20.000	ng	0.00
76) Chrysene-d12	13.951	240	189599	20.000	ng	-0.01
86) Perylene-d12	15.409	264	157979	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	60386	12.184	ng	0.00
7) Phenol-d6	6.422	99	77872	12.431	ng	-0.02
23) Nitrobenzene-d5	7.345	82	49873	8.376	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	13545	8.635	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	93422	9.217	ng	-0.01
79) Terphenyl-d14	12.892	244	72393	6.446	ng	-0.01
Target Compounds						Qvalue
25) Isophorone	7.345	82	46710	4.920	ng	# 66
50) Dimethylphthalate	9.822	163	22582	2.130	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	20607	8.892	ng	# 23
56) 4-Nitrophenol	10.027	139	4878	2.635	ng	# 1
57) 2,4-Dinitrotoluene	9.822	165	20607	6.680	ng	# 19
71) Phenanthrene	11.333	178	273123	23.330	ng	99
72) Anthracene	11.380	178	89005	7.563	ng	99
75) Fluoranthene	12.521	202	573178	46.181	ng	100
78) Pyrene	12.751	202	543660	33.684	ng	99
81) Benzo(a)anthracene	13.939	228	292761	23.229	ng	98
83) Chrysene	13.974	228	230725	19.826	ng	97
87) Indeno(1,2,3-cd)pyrene	16.839	276	98091	10.049	ng	97
88) Benzo(b)fluoranthene	14.992	252	394380	37.179	ng	98
89) Benzo(k)fluoranthene	14.992	252	394380	43.540	ng	99
90) Benzo(a)pyrene	15.345	252	212861	24.800	ng	96
91) Dibenzo(a,h)anthracene	17.015	278	19739	2.496	ng	93
92) Benzo(g,h,i)perylene	17.274	276	90272	10.906	ng	98

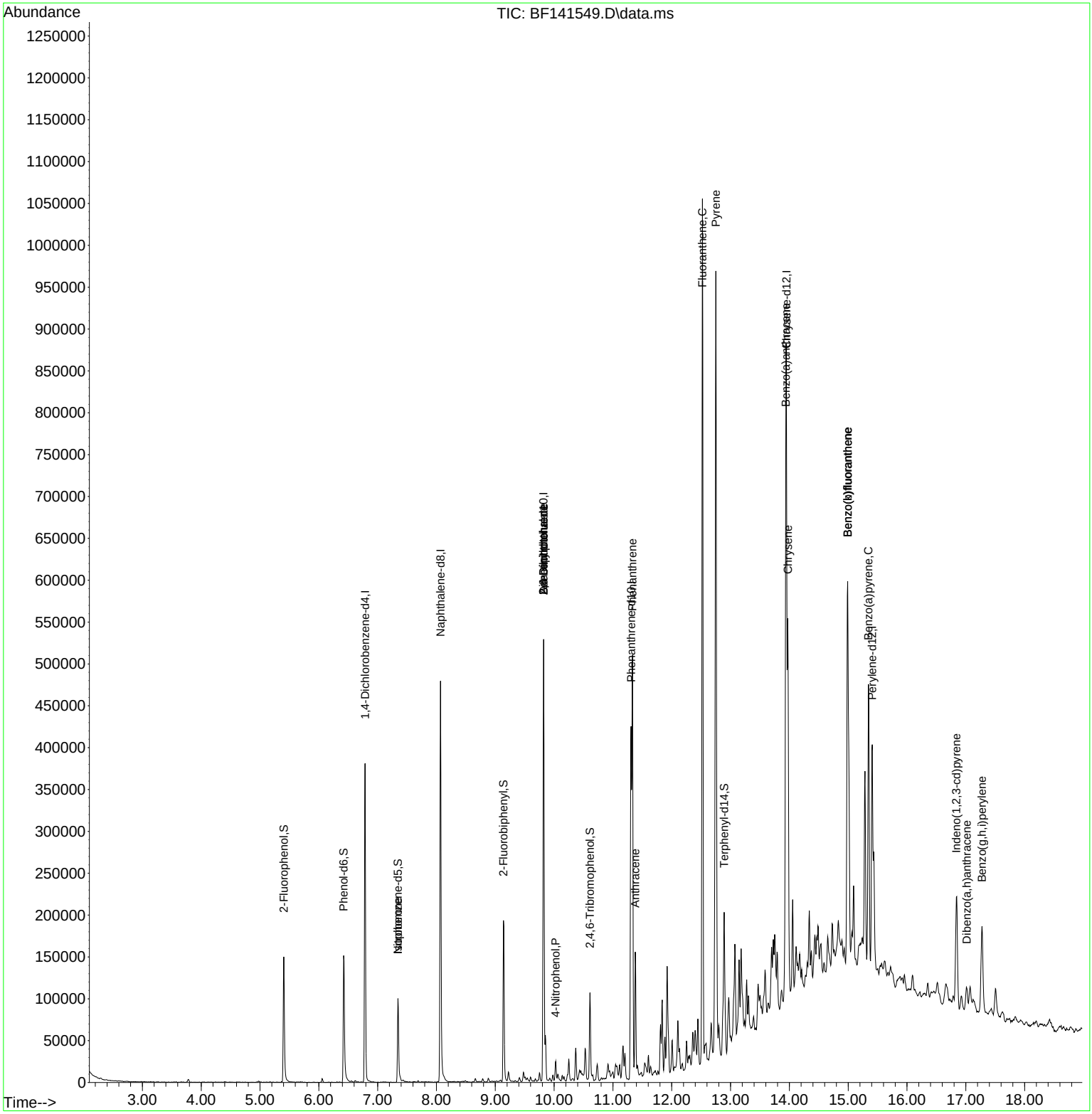
(#) = qualifier out of range (m) = manual integration (+) = signals summed

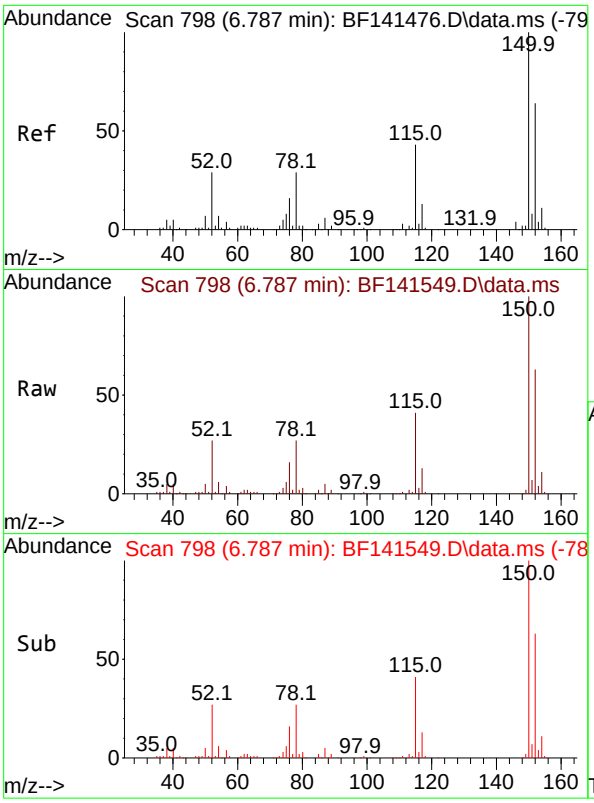
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
Data File : BF141549.D
Acq On : 10 Feb 2025 21:38
Operator : RC/JU
Sample : Q1241-15DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025DL

Quant Time: Feb 11 00:10:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration



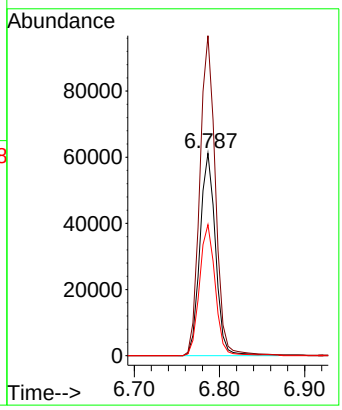


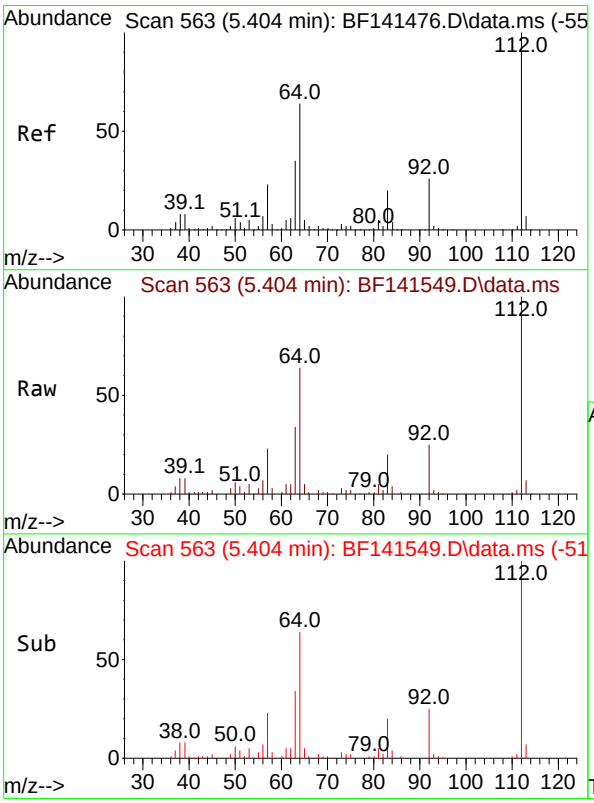
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025DL

Tgt Ion:152 Resp: 77702

Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.0	187.4
115	64.7	53.6	80.4

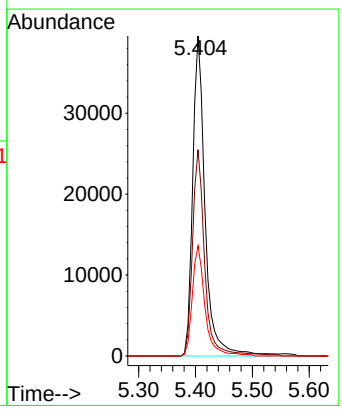


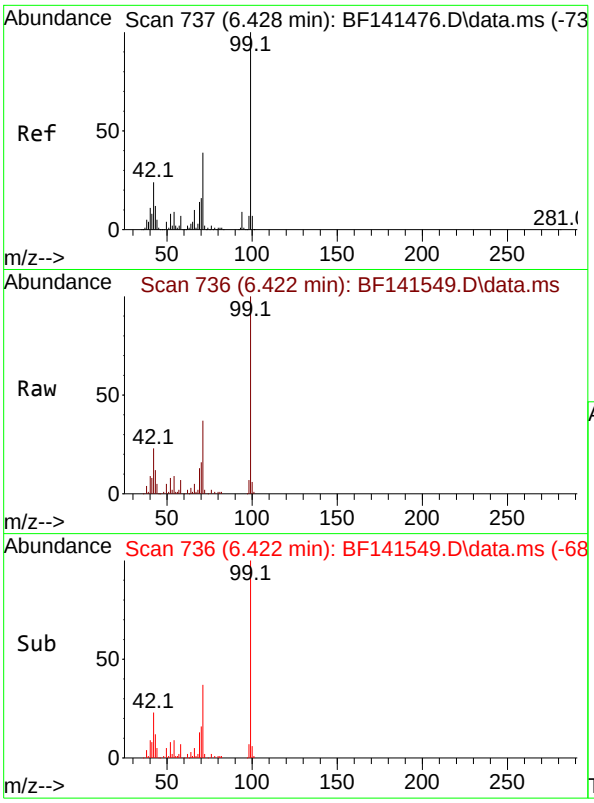


#5
2-Fluorophenol
Concen: 12.184 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Tgt Ion:112 Resp: 60386

Ion	Ratio	Lower	Upper
112	100		
64	64.5	51.1	76.7
63	34.4	28.4	42.6



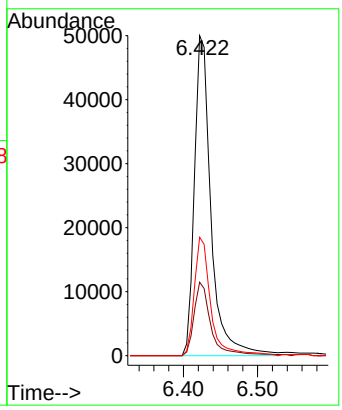


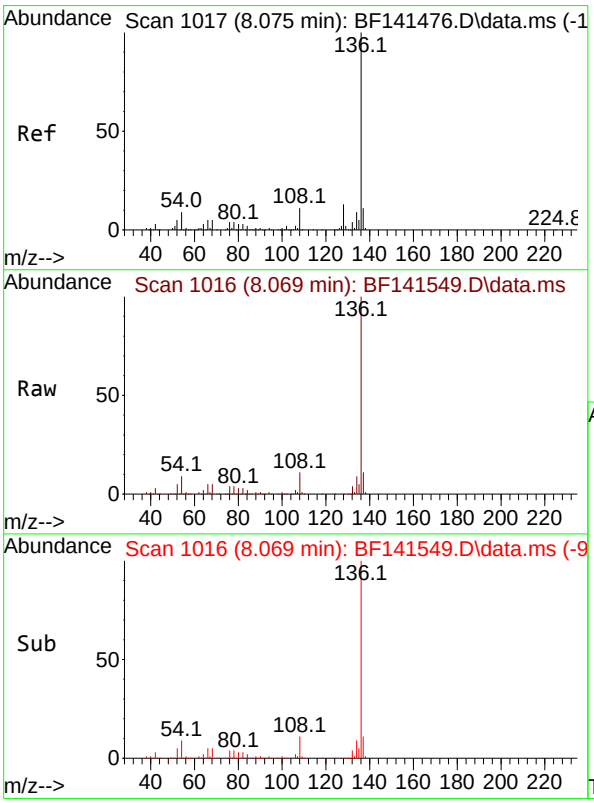
#7
Phenol-d6
Concen: 12.431 ng
RT: 6.422 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025DL

Tgt Ion: 99 Resp: 77872

Ion	Ratio	Lower	Upper
99	100		
42	23.0	19.1	28.7
71	37.0	31.1	46.7

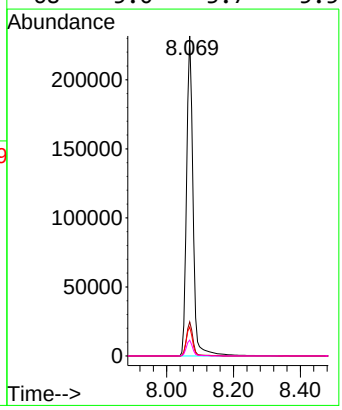


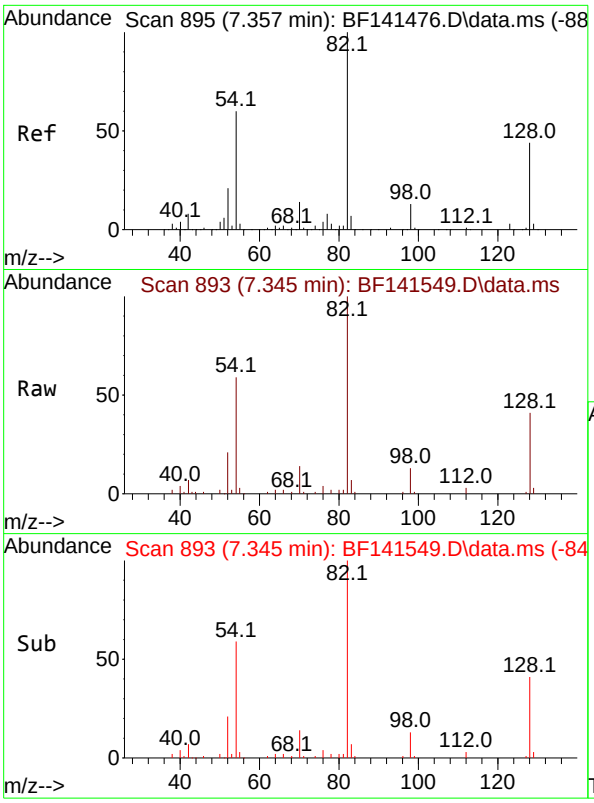


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Tgt Ion:136 Resp: 310551

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.1	7.2	10.8
68	5.0	3.7	5.5



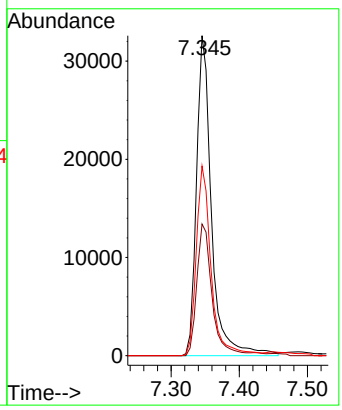


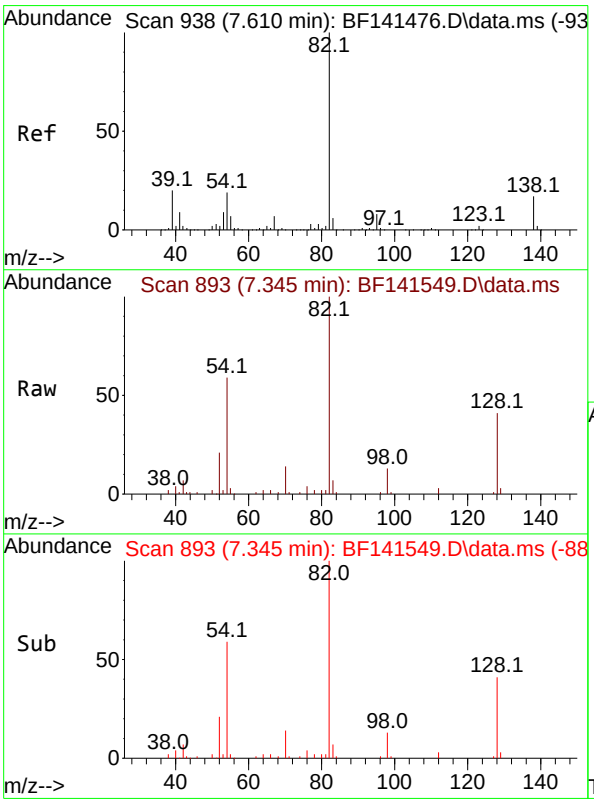
#23
Nitrobenzene-d5
Concen: 8.376 ng
RT: 7.345 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025DL

Tgt Ion: 82 Resp: 49873

Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.8	52.2
54	59.3	48.2	72.4

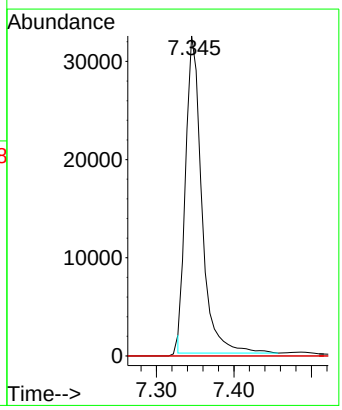


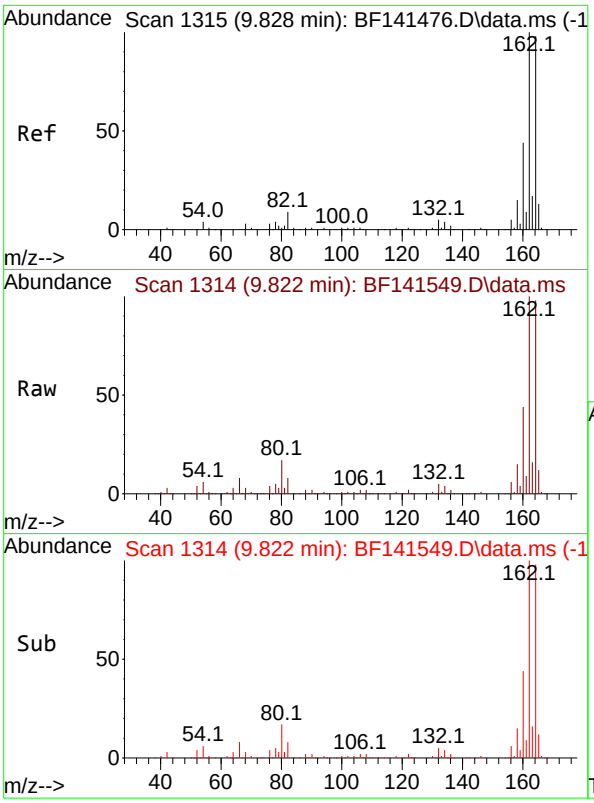


#25
Isophorone
Concen: 4.920 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.276 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Tgt Ion: 82 Resp: 46710

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.4	9.6#
138	0.0	13.9	20.9#



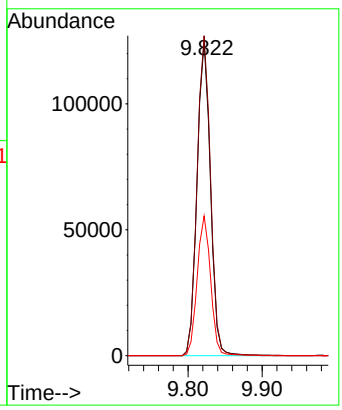


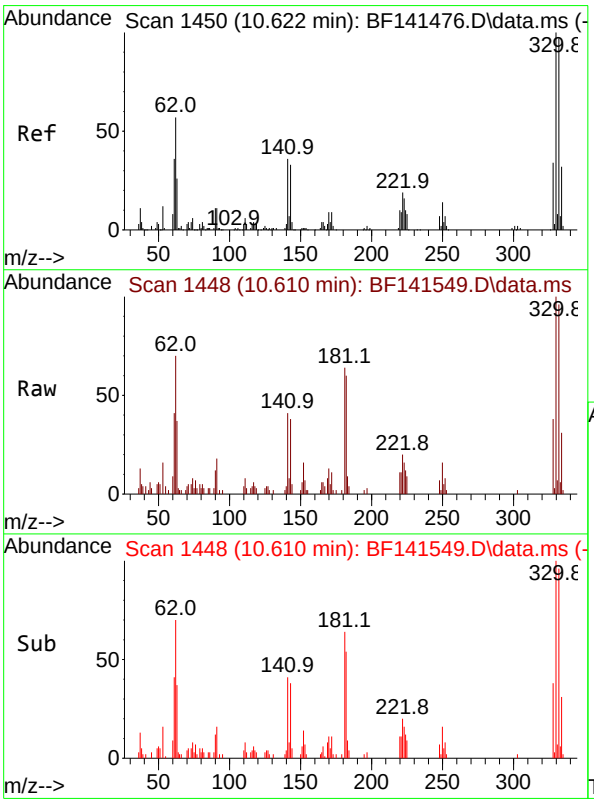
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025DL

Tgt Ion:164 Resp: 156153

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.3	121.9
160	44.5	35.9	53.9

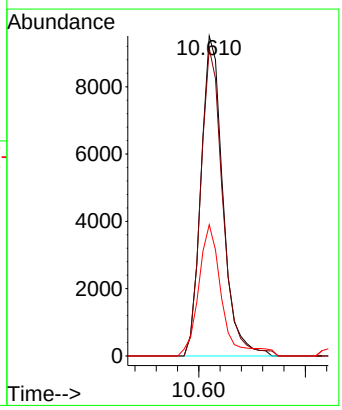


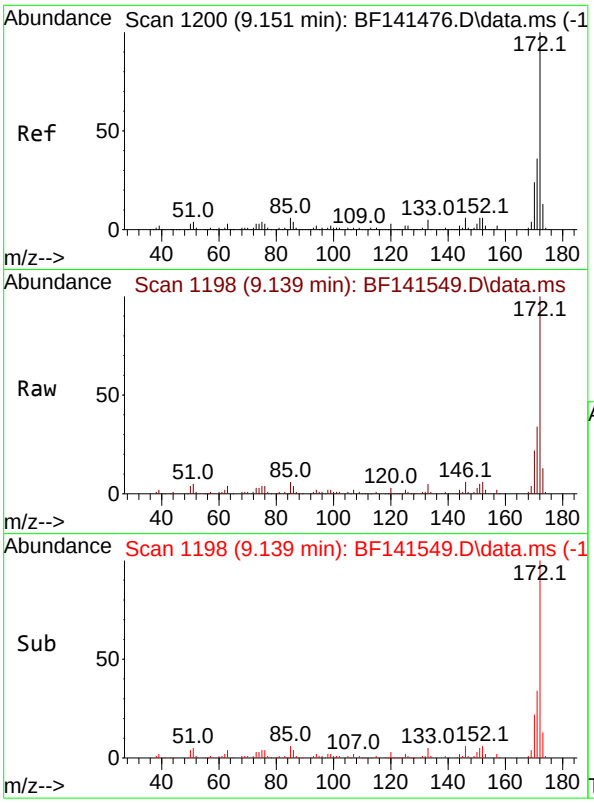


#42
2,4,6-Tribromophenol
Concen: 8.635 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.018 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Tgt Ion:330 Resp: 13545

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.5	117.7
141	43.2	31.0	46.4



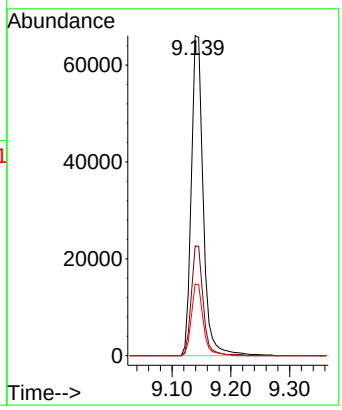


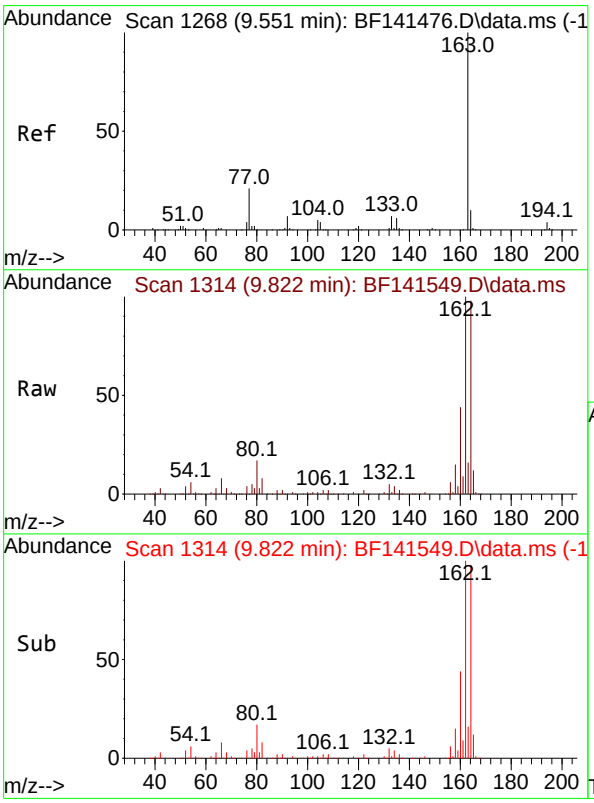
#45
2-Fluorobiphenyl
Concen: 9.217 ng
RT: 9.139 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025DL

Tgt Ion:172 Resp: 93422

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.7	43.1
170	22.4	18.9	28.3

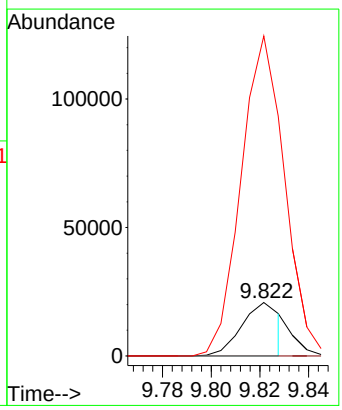


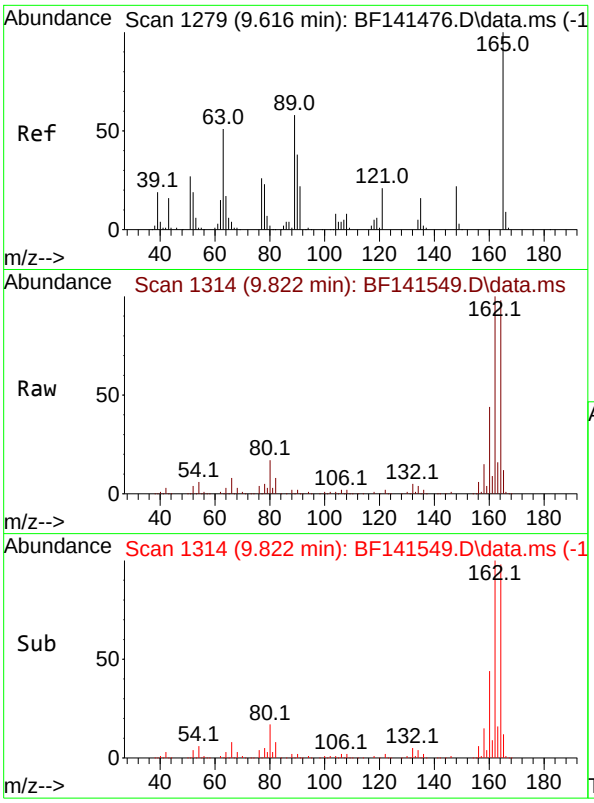


#50
Dimethylphthalate
Concen: 2.130 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Tgt Ion:163 Resp: 22582

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.4#
164	597.8	7.9	11.9#



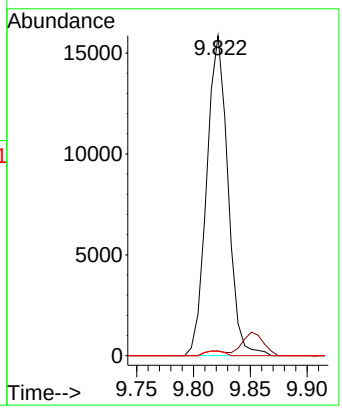


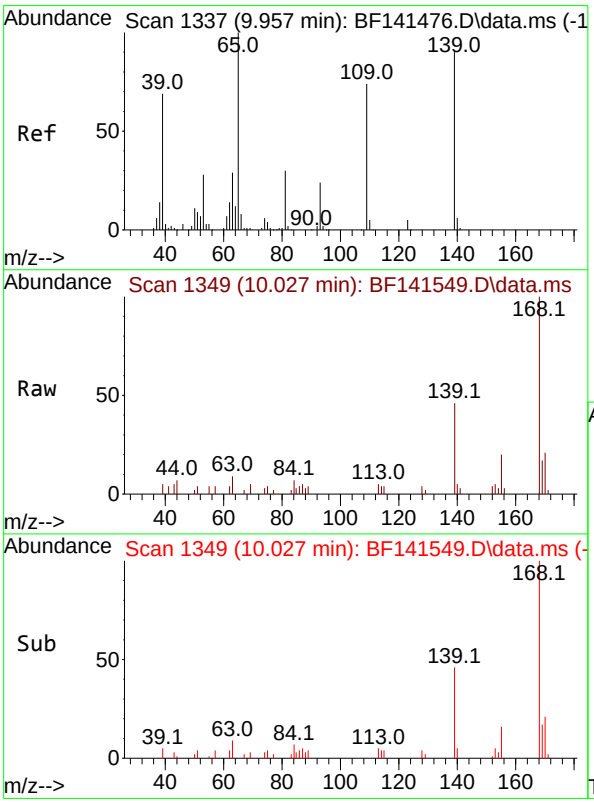
#51
2,6-Dinitrotoluene
Concen: 8.892 ng
RT: 9.822 min Scan# 1
Delta R.T. 0.200 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025DL

Tgt Ion:165 Resp: 20607

Ion	Ratio	Lower	Upper
165	100		
63	1.5	49.4	74.0#
89	1.4	46.5	69.7#

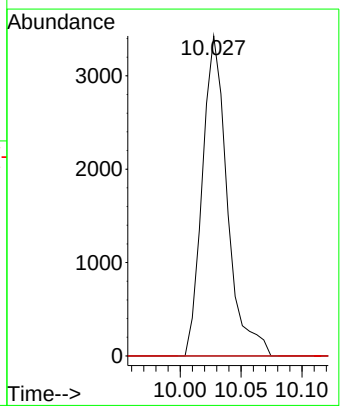


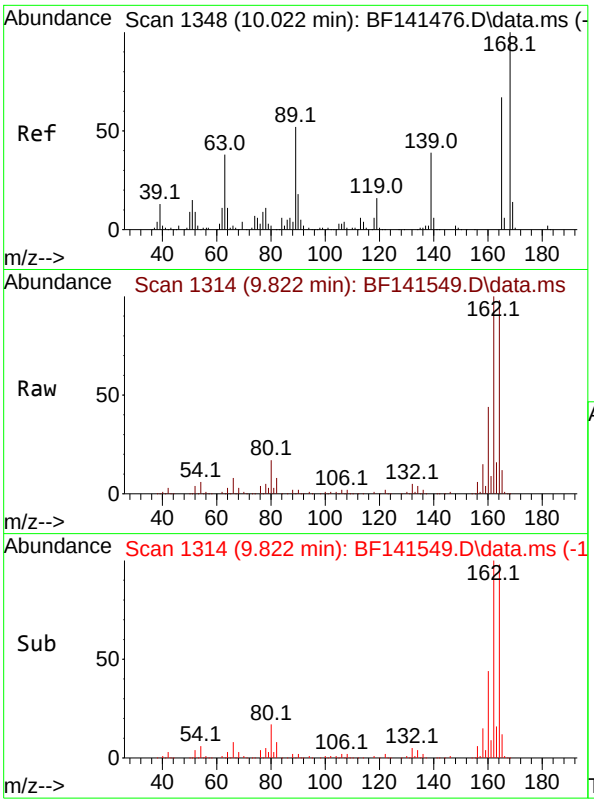


#56
4-Nitrophenol
Concen: 2.635 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.059 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Tgt Ion:139 Resp: 4878

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.0	102.0#
65	0.0	91.2	131.2#



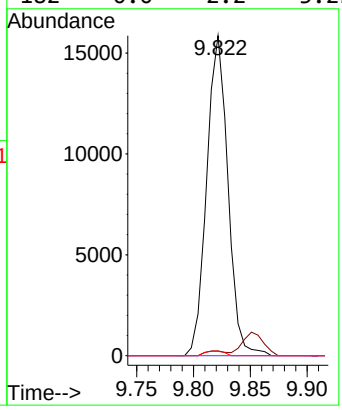


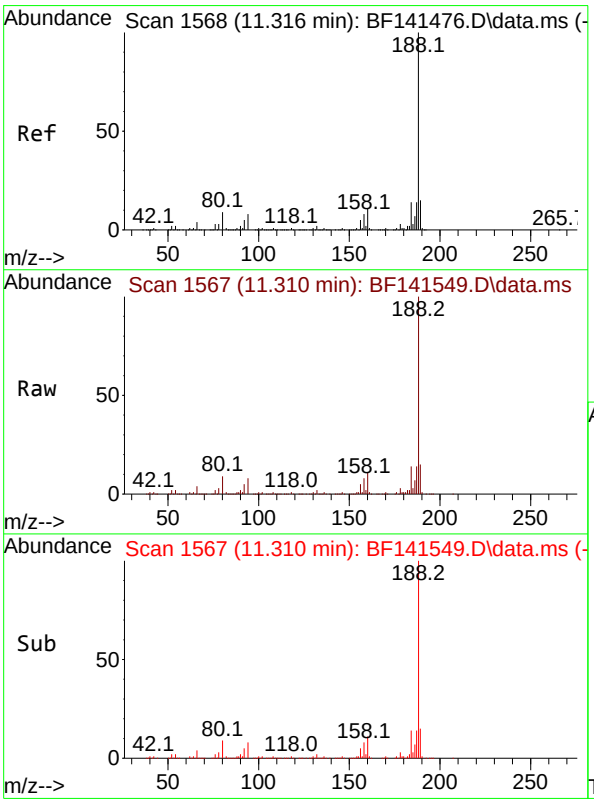
#57
2,4-Dinitrotoluene
Concen: 6.680 ng
RT: 9.822 min Scan# 1
Delta R.T. -0.206 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025DL

Tgt Ion:165 Resp: 20607

Ion	Ratio	Lower	Upper
165	100		
63	1.5	46.4	69.6#
89	1.4	61.8	92.6#
182	0.0	2.2	3.2#

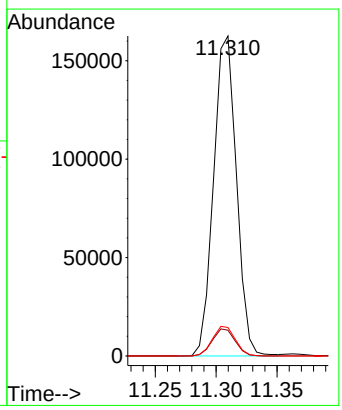


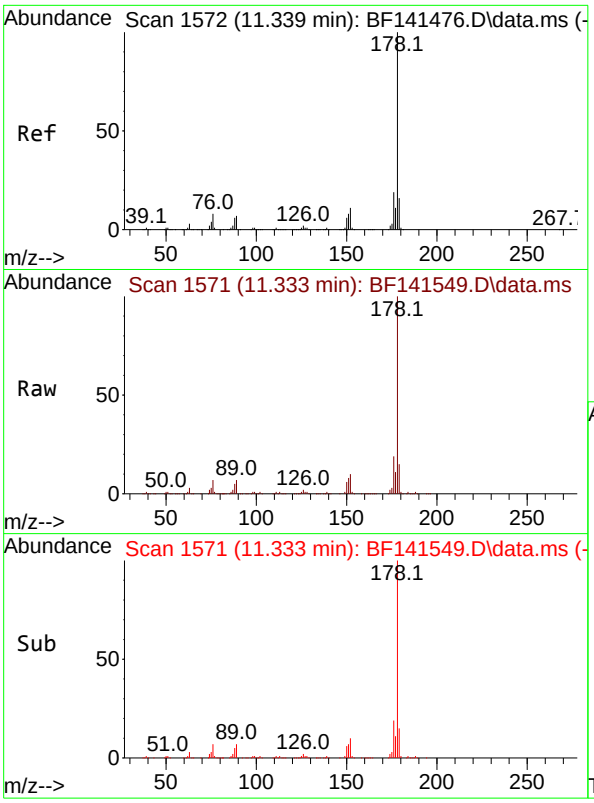


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Tgt Ion:188 Resp: 212674

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.6	10.0
80	8.9	7.3	10.9



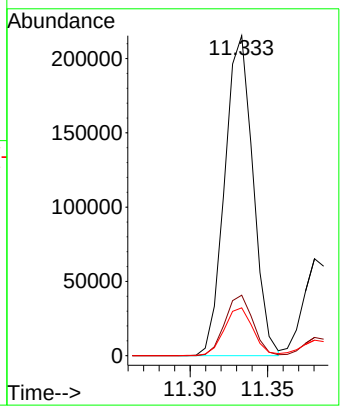


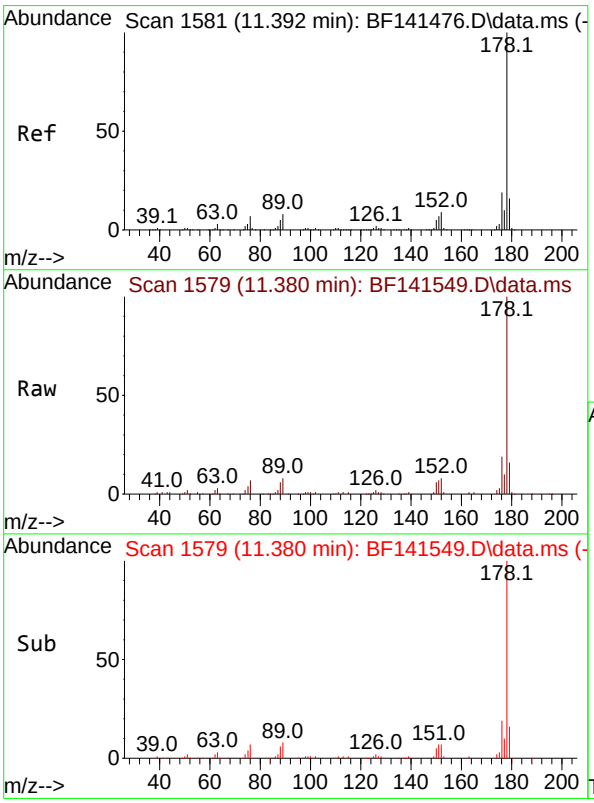
#71
Phenanthrene
Concen: 23.330 ng
RT: 11.333 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025DL

Tgt Ion:178 Resp: 273123

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.0	12.4	18.6

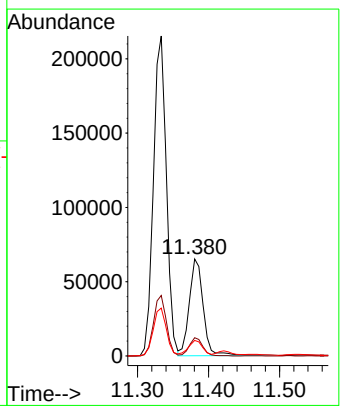


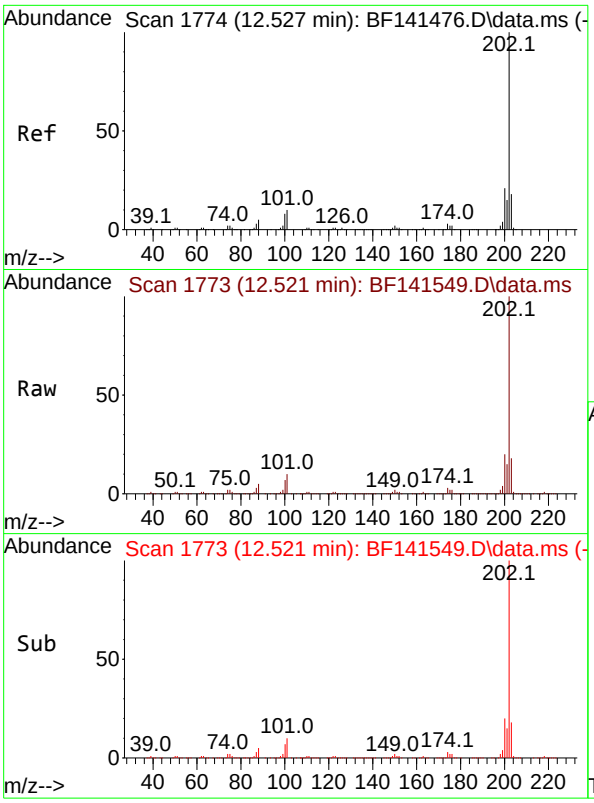


#72
Anthracene
Concen: 7.563 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.018 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Tgt Ion:178 Resp: 89005

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.8	22.2
179	16.0	12.4	18.6



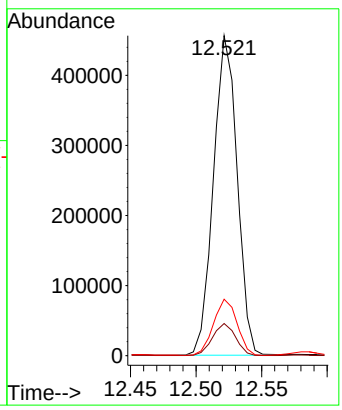


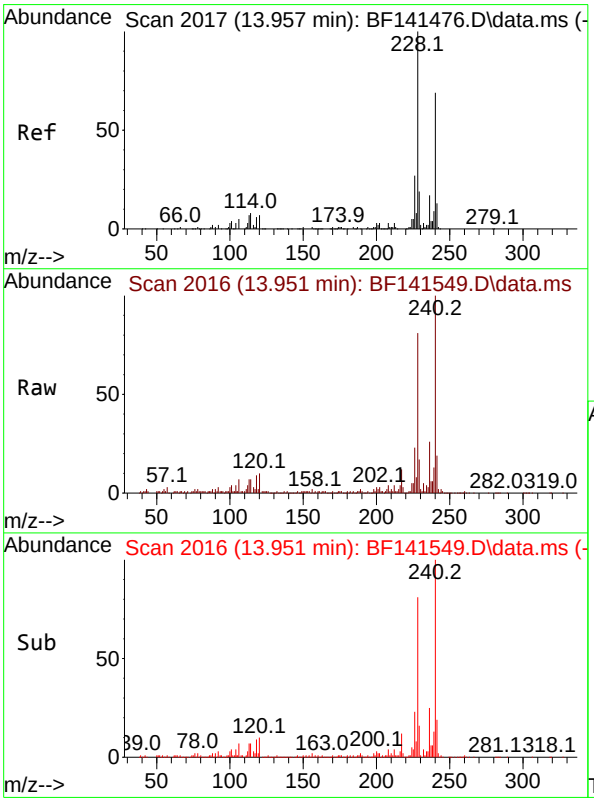
#75
Fluoranthene
Concen: 46.181 ng
RT: 12.521 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025DL

Tgt Ion:202 Resp: 573178

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.2
203	17.6	0.0	37.6

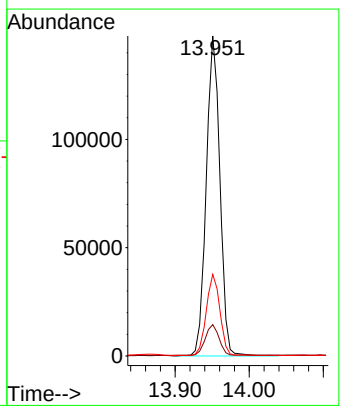


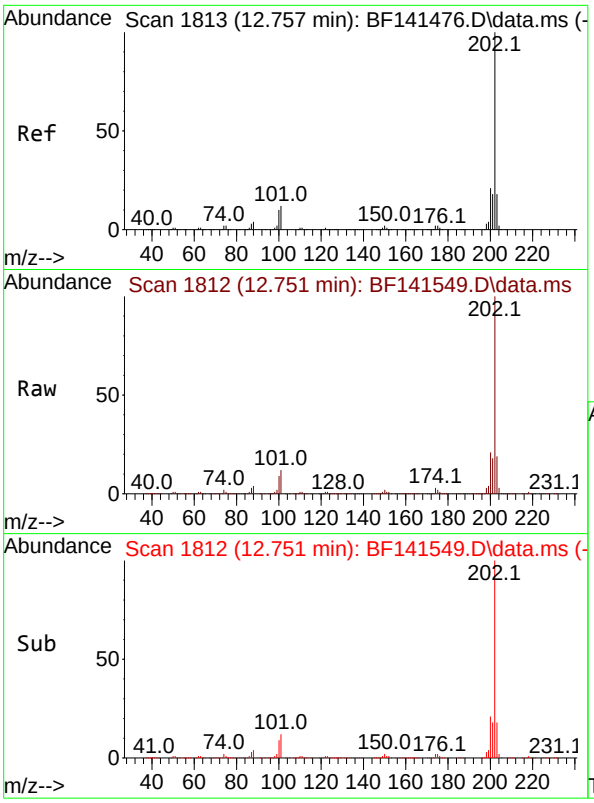


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Tgt Ion:240 Resp: 189599

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.0	12.0
236	25.5	19.8	29.8



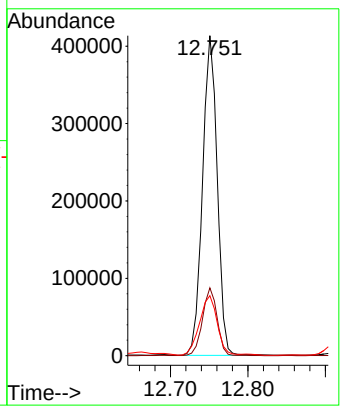


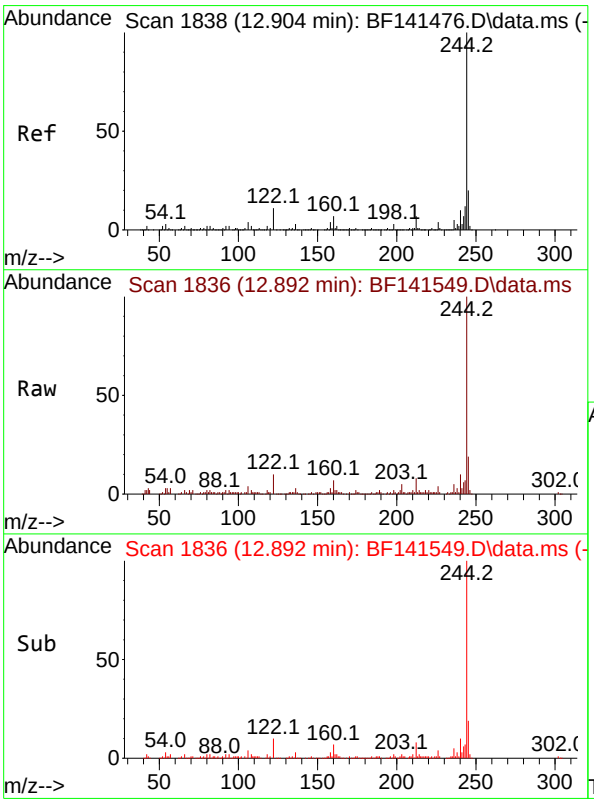
#78
Pyrene
Concen: 33.684 ng
RT: 12.751 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025DL

Tgt Ion:202 Resp: 543660

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	18.7	14.3	21.5

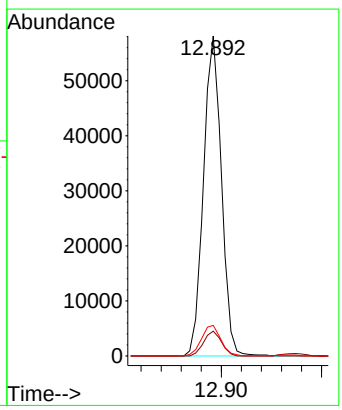


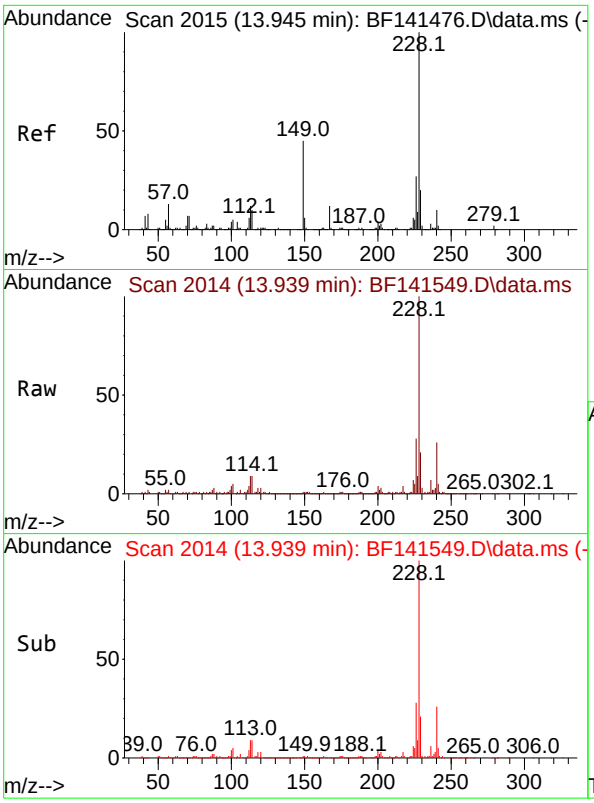


#79
Terphenyl-d14
Concen: 6.446 ng
RT: 12.892 min Scan# 1836
Delta R.T. -0.012 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Tgt Ion:244 Resp: 72393

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.6	8.4
122	9.5	8.4	12.6



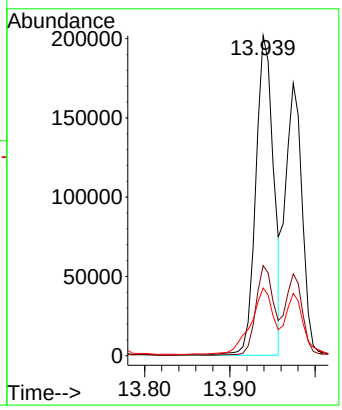


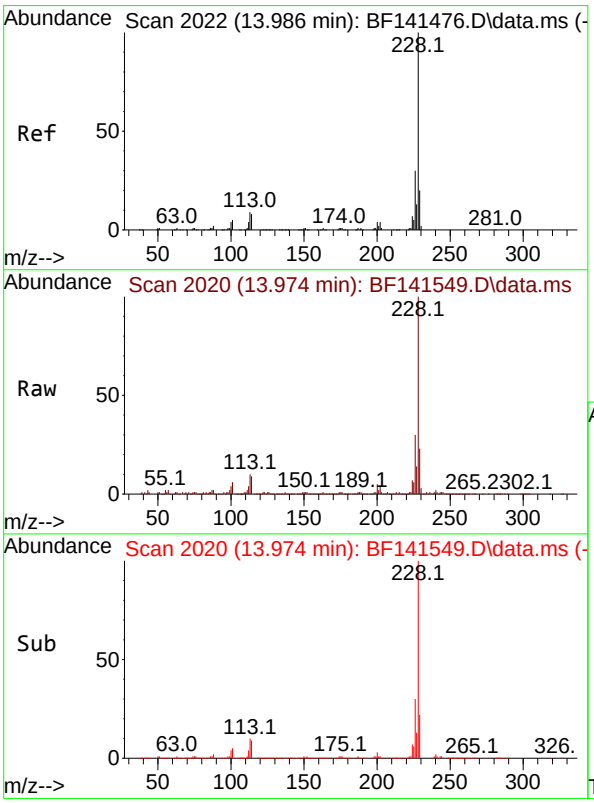
#81
Benzo(a)anthracene
Concen: 23.229 ng
RT: 13.939 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025DL

Tgt Ion:228 Resp: 292761

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.8	32.8
229	21.2	15.8	23.6

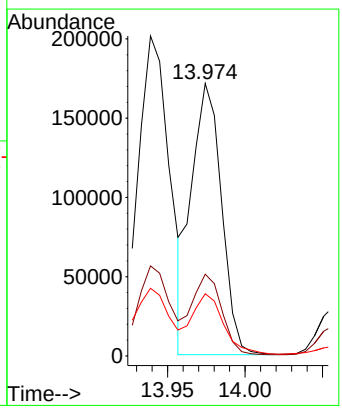


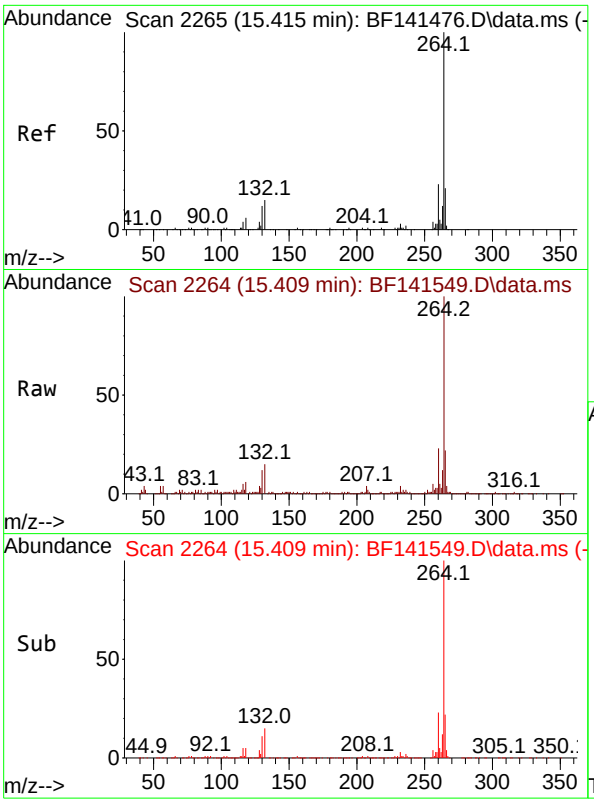


#83
Chrysene
Concen: 19.826 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.018 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Tgt Ion:228 Resp: 230725

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	22.9	15.7	23.5



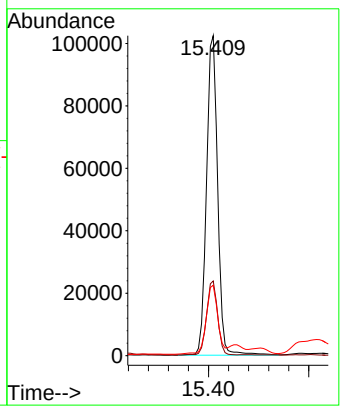


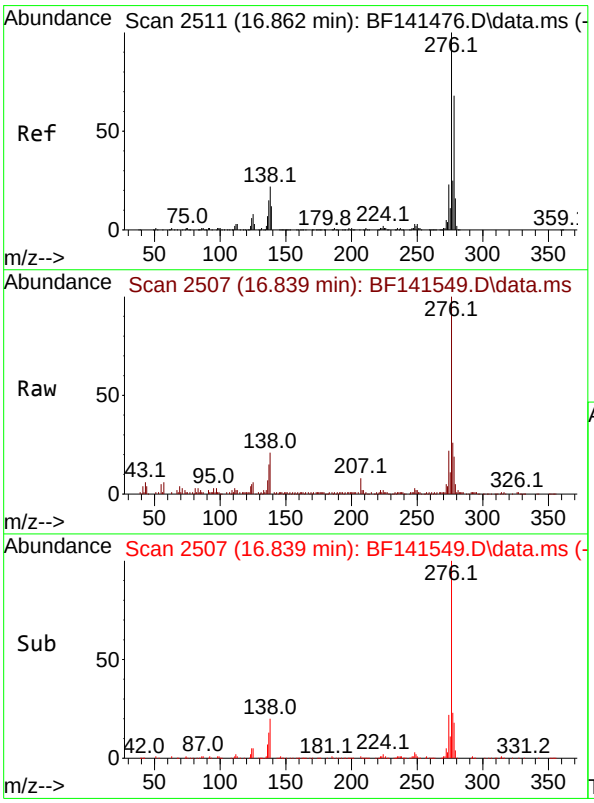
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025DL

Tgt Ion:264 Resp: 157979

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	22.0	17.0	25.4

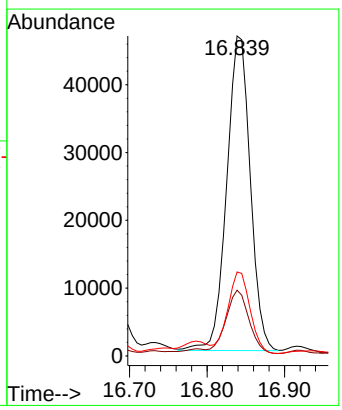


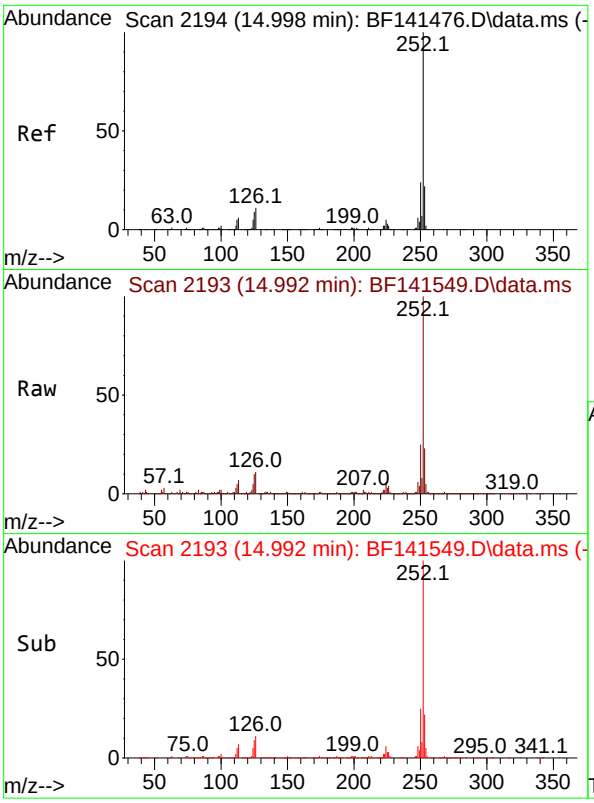


#87
Indeno(1,2,3-cd)pyrene
Concen: 10.049 ng
RT: 16.839 min Scan# 2507
Delta R.T. -0.035 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Tgt Ion:276 Resp: 98091

Ion	Ratio	Lower	Upper
276	100		
138	20.5	18.0	27.0
277	24.8	20.4	30.6



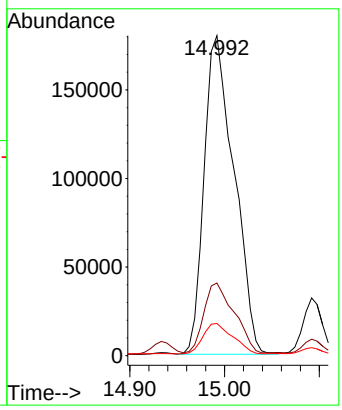


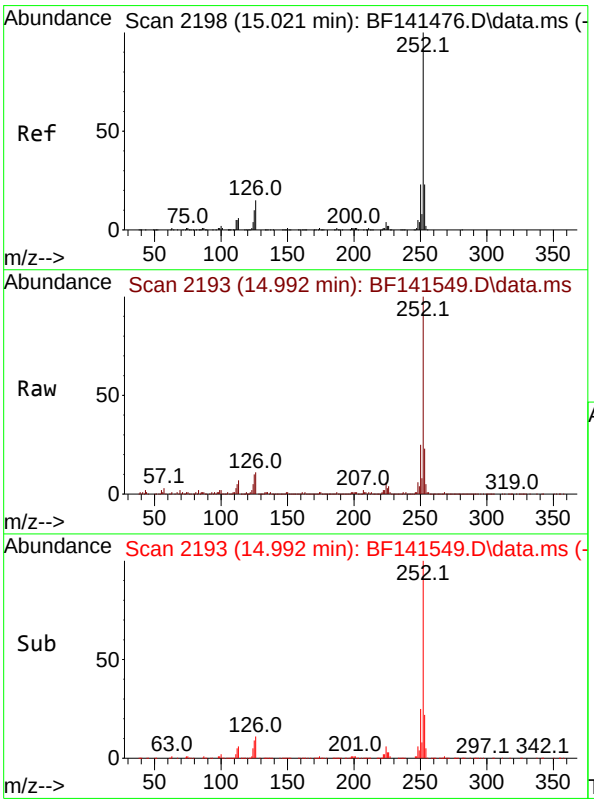
#88
Benzo(b)fluoranthene
Concen: 37.179 ng
RT: 14.992 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025DL

Tgt Ion:252 Resp: 394380

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	10.0	7.0	10.6

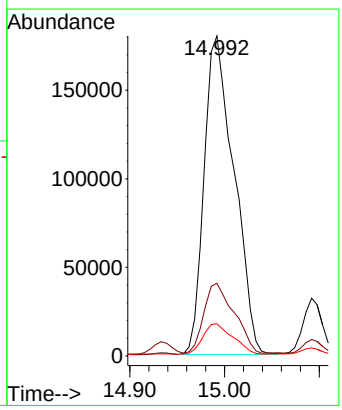


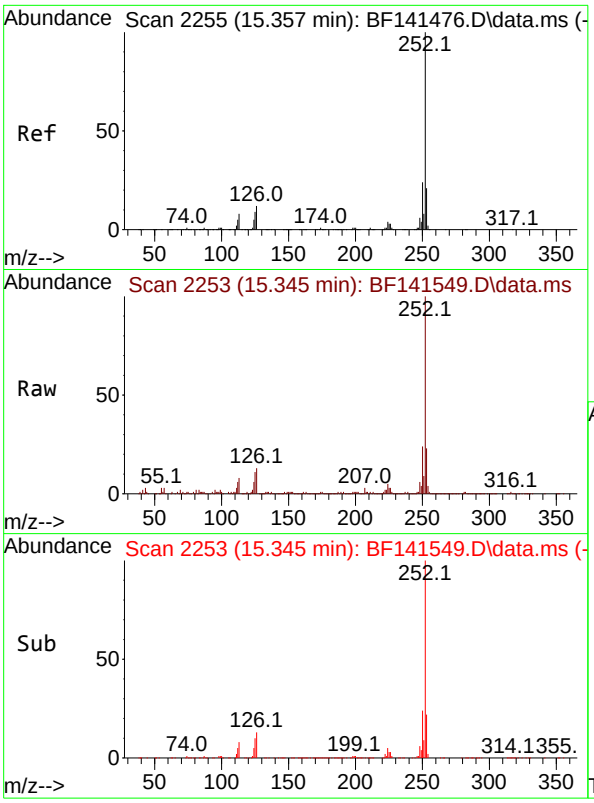


#89
Benzo(k)fluoranthene
Concen: 43.540 ng
RT: 14.992 min Scan# 2193
Delta R.T. -0.041 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Tgt Ion:252 Resp: 394380

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.0	7.4	11.0



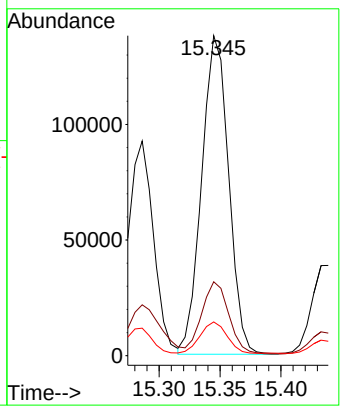


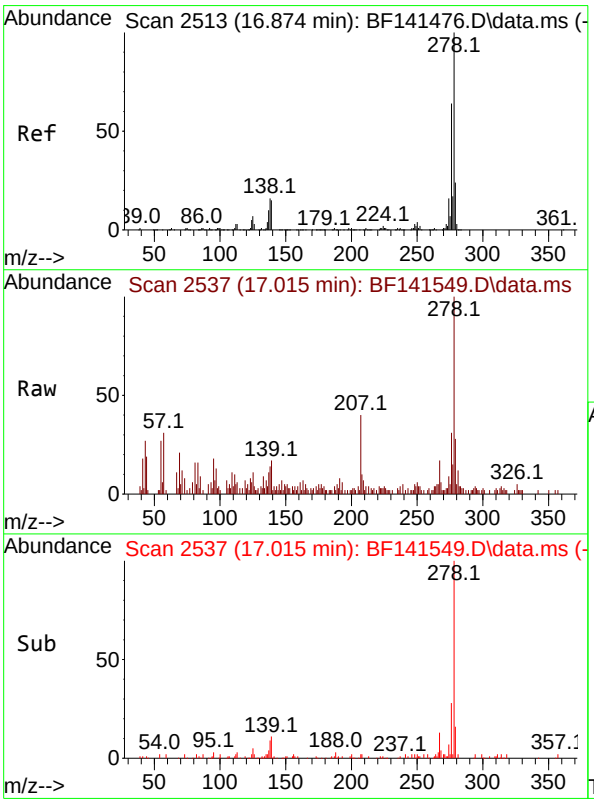
#90
Benzo(a)pyrene
Concen: 24.800 ng
RT: 15.345 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025DL

Tgt Ion:252 Resp: 212861

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	10.6	7.4	11.2

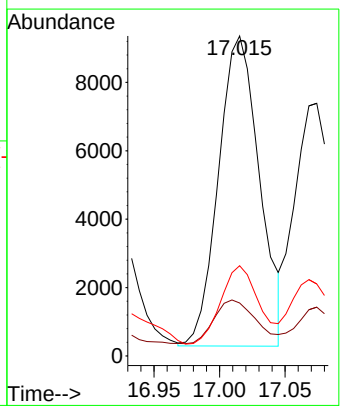


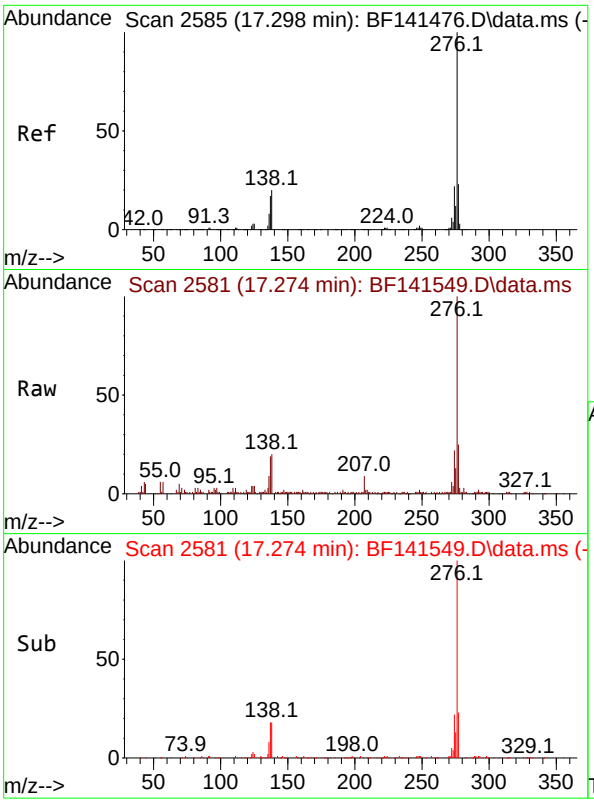


#91
Dibenzo(a,h)anthracene
Concen: 2.496 ng
RT: 17.015 min Scan# 2537
Delta R.T. 0.124 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Tgt Ion:278 Resp: 19739

Ion	Ratio	Lower	Upper
278	100		
139	16.6	11.8	17.6
279	28.2	19.1	28.7





#92
Benzo(g,h,i)perylene
Concen: 10.906 ng
RT: 17.274 min Scan# 2
Delta R.T. -0.041 min
Lab File: BF141549.D
Acq: 10 Feb 2025 21:38

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025DL

Tgt Ion:276 Resp: 90272

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	28.0
138	19.9	15.9	23.9