Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141522.D
Acq On : 07 Feb 2025 21:40
Operator : RC/JU
Sample : Q1235-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-16.1-012925

Quant Time: Feb 07 22:28:26 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	6.793	152	91628	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	347094	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	170343	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	255902	20.000	ng		0.00
76) Chrysene-d12	13.963	240	155441	20.000	ng		0.00
86) Perylene-d12	15.439	264	120766	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	200043	34.227	ng		0.00
7) Phenol-d6	6.428	99	257096	34.804	ng		-0.01
23) Nitrobenzene-d5	7.351	82	161860	24.323	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	44636	26.085	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	304796	27.567	ng		0.00
79) Terphenyl-d14	12.904	244	253037	27.481	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	22139	5.010	ng	#	76
25) Isophorone	7.351	82	153028	14.422	ng	#	66
50) Dimethylphthalate	9.828	163	24284	2.100	ng	#	1
51) 2,6-Dinitrotoluene	9.828	165	22480	8.892	ng	#	23
71) Phenanthrene	11.339	178	322056	22.863	ng		100
72) Anthracene	11.392	178	90802	6.413	ng		100
75) Fluoranthene	12.533	202	739267	49.502	ng		100
78) Pyrene	12.763	202	745126	56.311	ng		99
81) Benzo(a)anthracene	13.957	228	317812	30.758	ng		96
83) Chrysene	13.992	228	229228	24.026	ng		97
87) Indeno(1,2,3-cd)pyrene	16.886	276	94040	12.602	ng		97
88) Benzo(b)fluoranthene	15.016	252	340928	42.044	ng	#	96
89) Benzo(k)fluoranthene	15.016	252	340928	49.237	ng		97
90) Benzo(a)pyrene	15.374	252	190748	29.071	ng	#	95
91) Dibenzo(a,h)anthracene	16.892	278	23207	3.838	ng	#	77
92) Benzo(g,h,i)perylene	17.327	276	95582	15.106	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
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Operator : RC/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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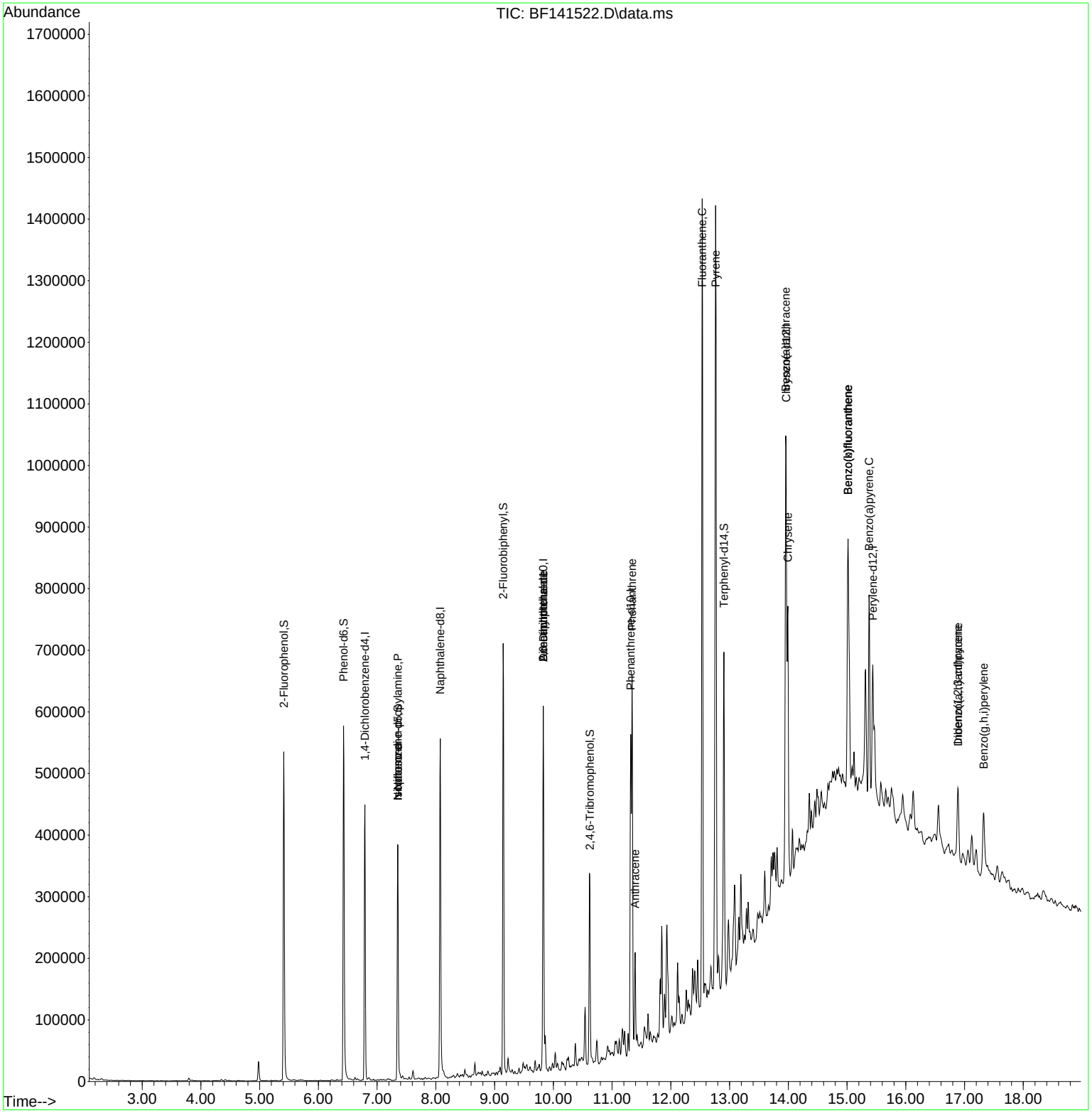
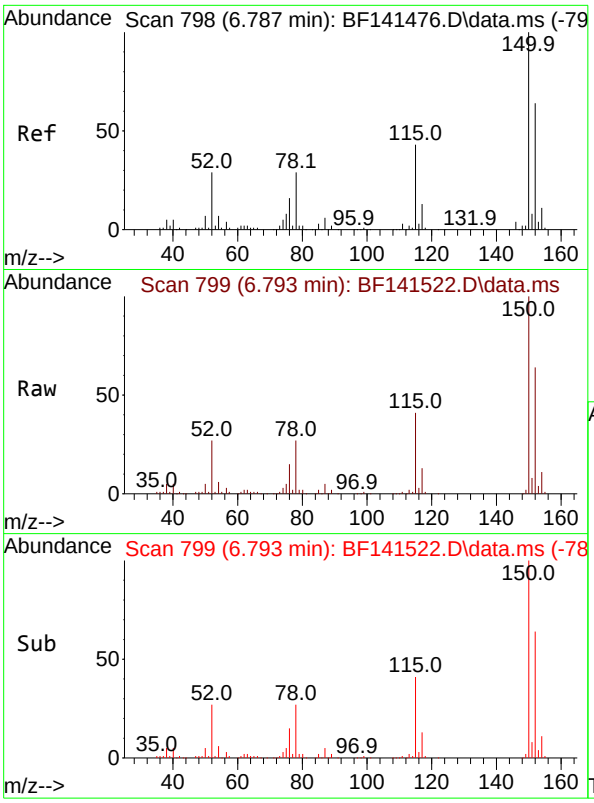
JPP-16.1-012925

Quant Time: Feb 07 22:28:26 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



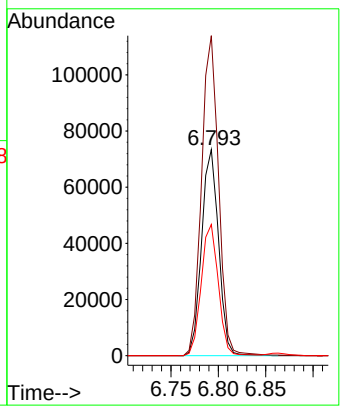


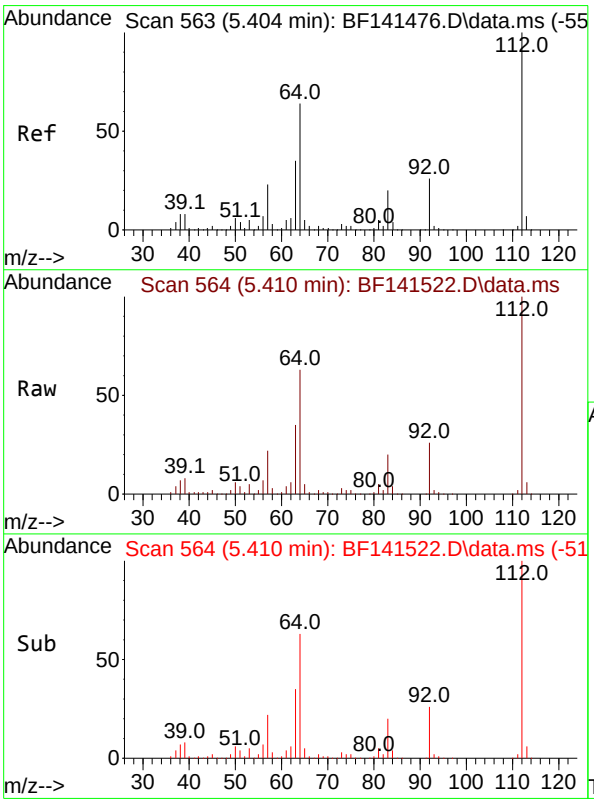
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 7
Delta R.T. 0.001 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Instrument :
BNA_F
ClientSampleId :
JPP-16.1-012925

Tgt Ion:152 Resp: 91628

Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.0	187.4
115	63.7	53.6	80.4

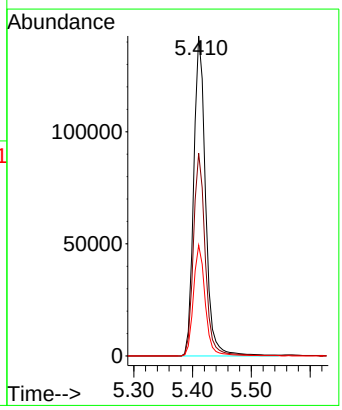


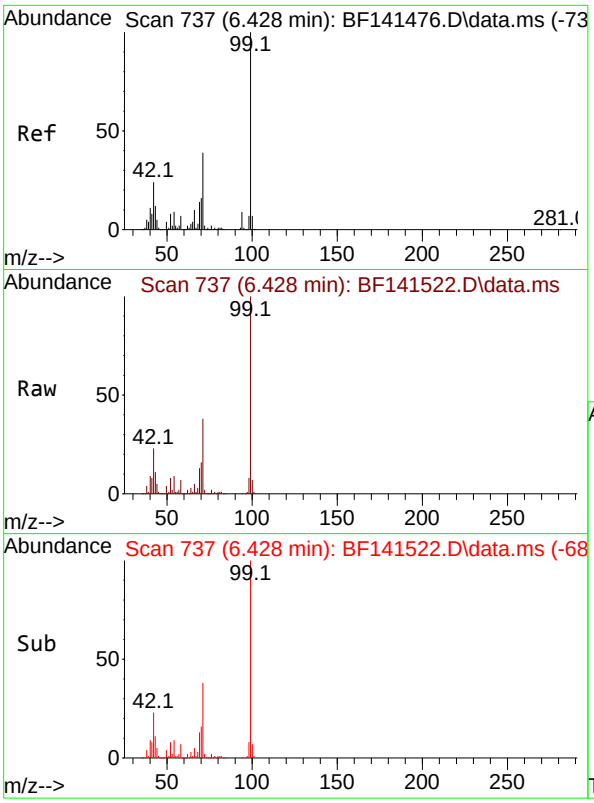


#5
2-Fluorophenol
Concen: 34.227 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Tgt Ion:112 Resp: 200043

Ion	Ratio	Lower	Upper
112	100		
64	63.4	51.1	76.7
63	34.6	28.4	42.6



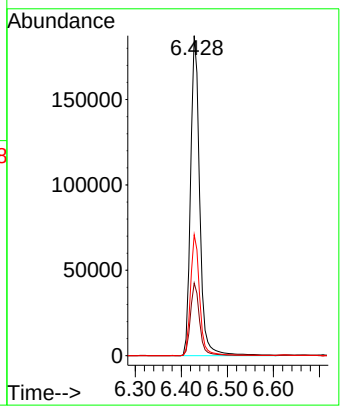


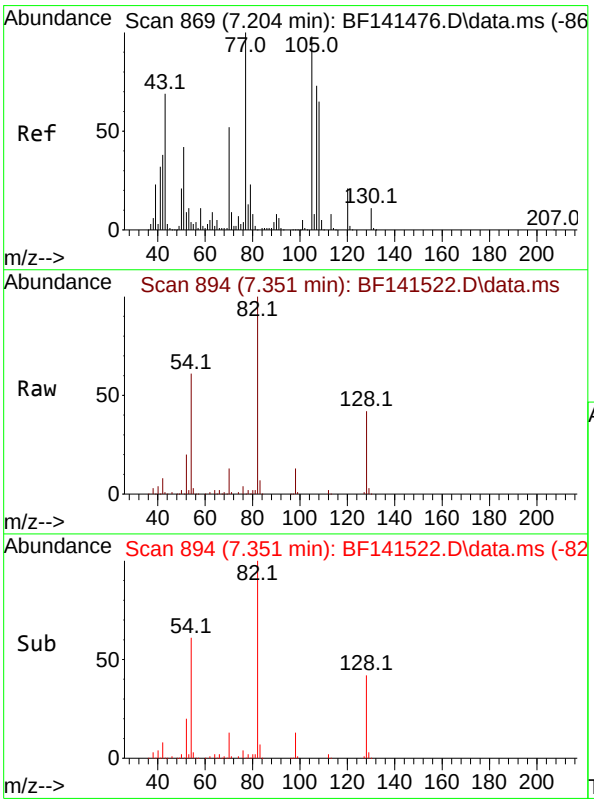
#7
Phenol-d6
Concen: 34.804 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Instrument :
BNA_F
ClientSampleId :
JPP-16.1-012925

Tgt Ion: 99 Resp: 257096

Ion	Ratio	Lower	Upper
99	100		
42	22.7	19.1	28.7
71	37.8	31.1	46.7

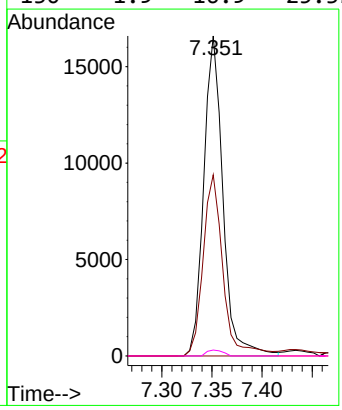


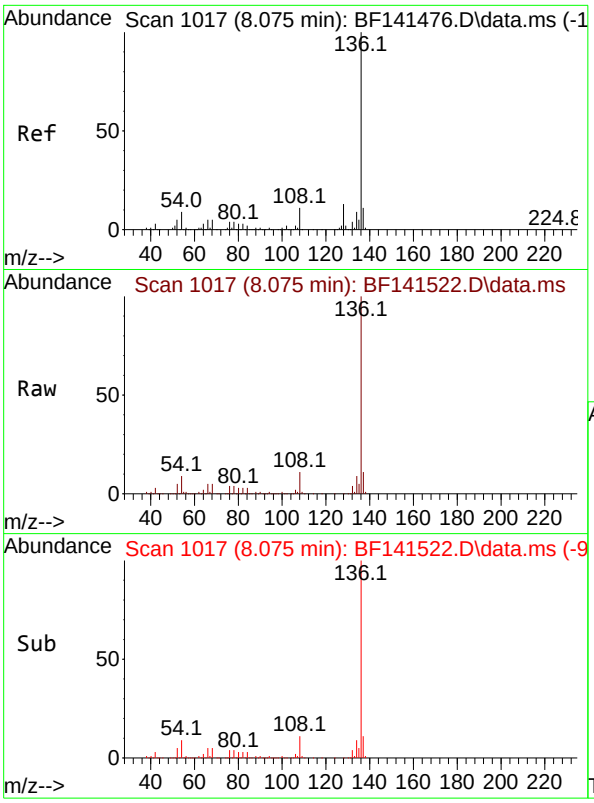


#19
n-Nitroso-di-n-propylamine
Concen: 5.010 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Tgt Ion: 70 Resp: 22139

Ion	Ratio	Lower	Upper
70	100		
42	56.6	57.4	86.2#
101	0.0	8.0	12.0#
130	1.9	16.9	25.3#



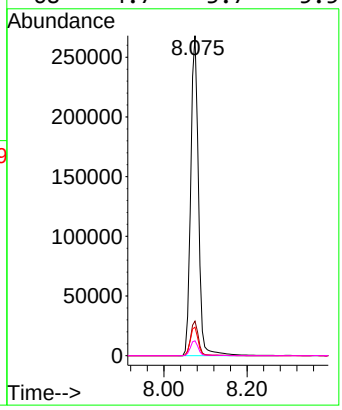


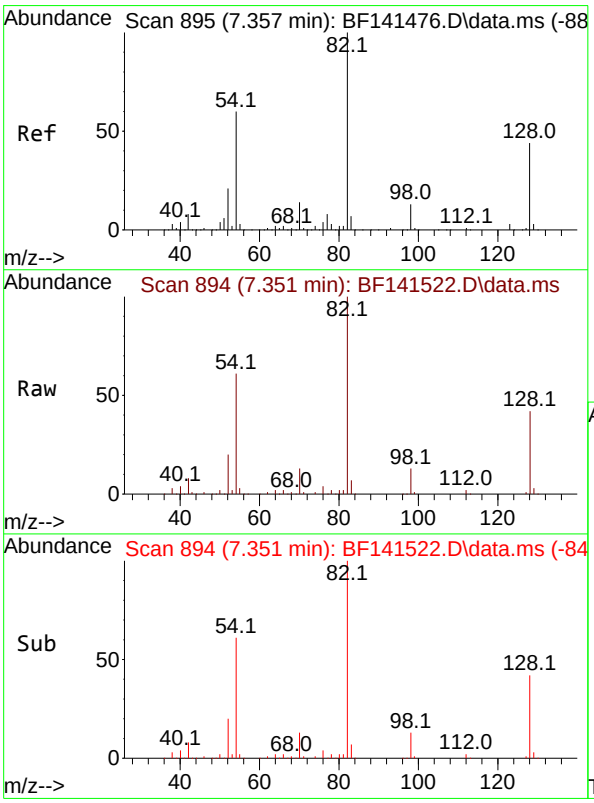
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Instrument :
BNA_F
ClientSampleId :
JPP-16.1-012925

Tgt Ion:136 Resp: 347094

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.9	7.2	10.8
68	4.7	3.7	5.5

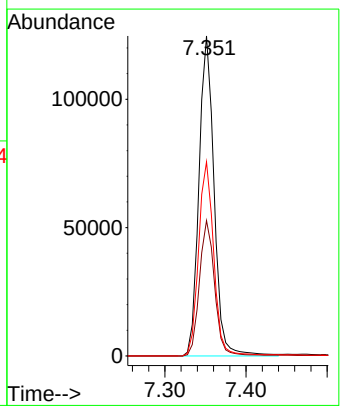


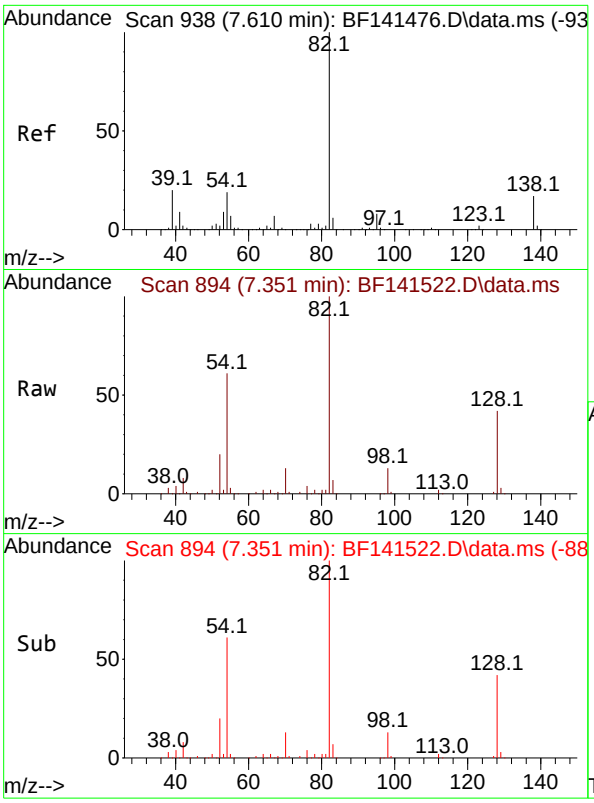


#23
Nitrobenzene-d5
Concen: 24.323 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Tgt Ion: 82 Resp: 161860

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.8	52.2
54	60.7	48.2	72.4



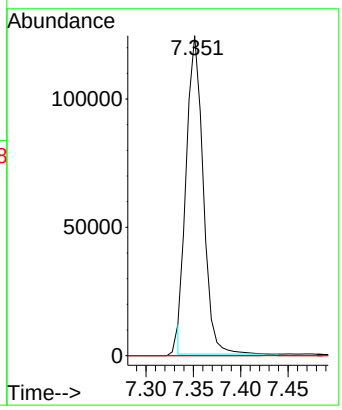


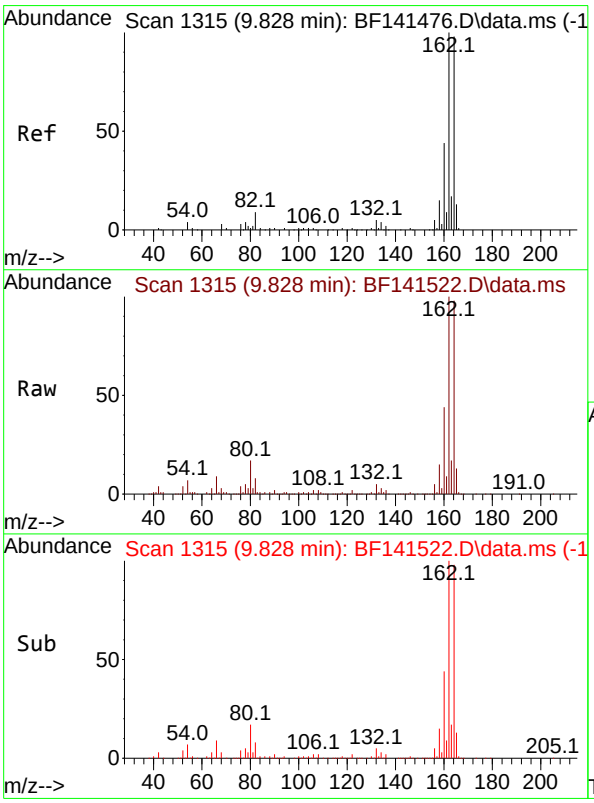
#25
Isophorone
Concen: 14.422 ng
RT: 7.351 min Scan# 8
Delta R.T. -0.270 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Instrument :
BNA_F
ClientSampleId :
JPP-16.1-012925

Tgt Ion: 82 Resp: 153028

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

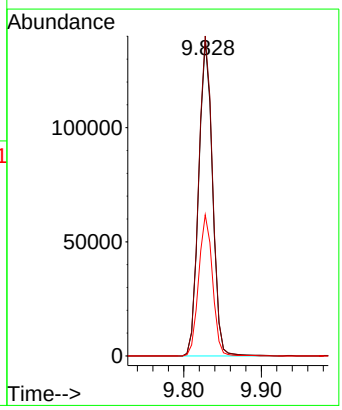


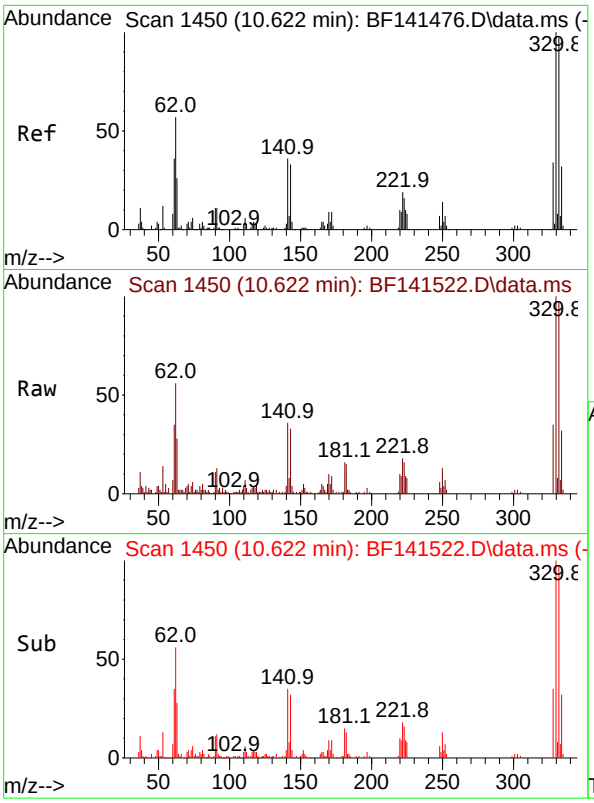


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Tgt Ion:164 Resp: 170343

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.3	121.9
160	44.8	35.9	53.9



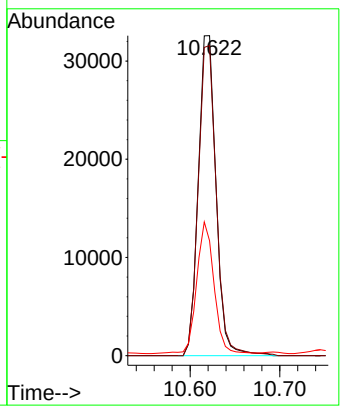


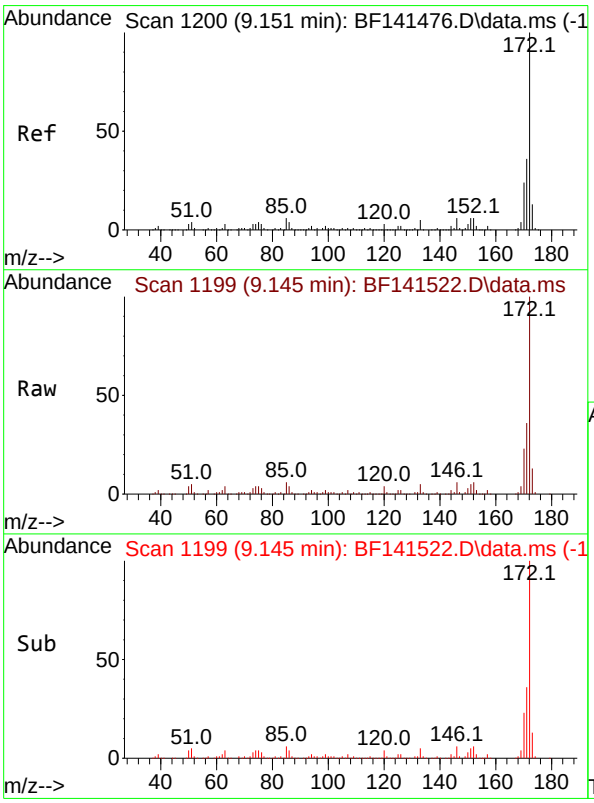
#42
2,4,6-Tribromophenol
Concen: 26.085 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Instrument :
BNA_F
ClientSampleId :
JPP-16.1-012925

Tgt Ion:330 Resp: 44636

Ion	Ratio	Lower	Upper
330	100		
332	98.7	78.5	117.7
141	40.2	31.0	46.4

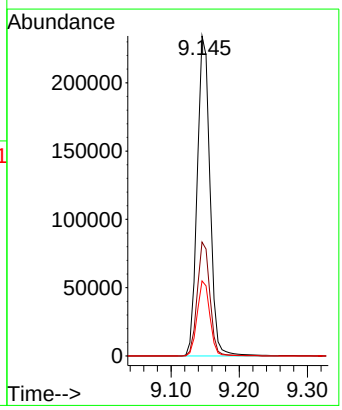


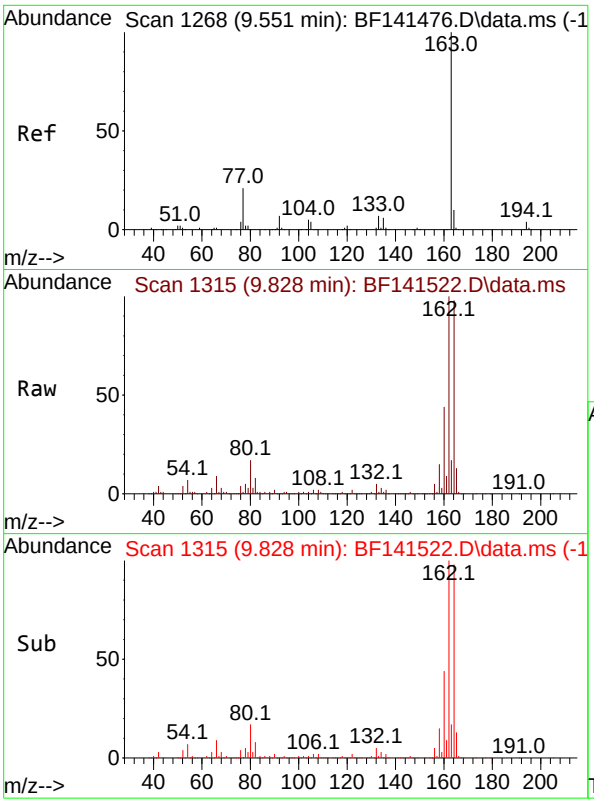


#45
2-Fluorobiphenyl
Concen: 27.567 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Tgt Ion:172 Resp: 304796

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.7	43.1
170	23.4	18.9	28.3



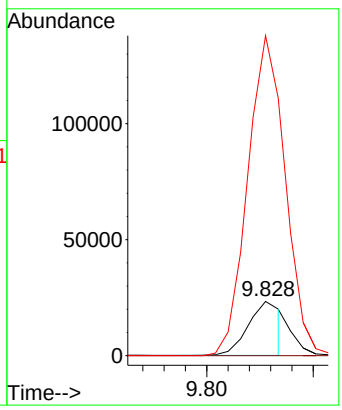


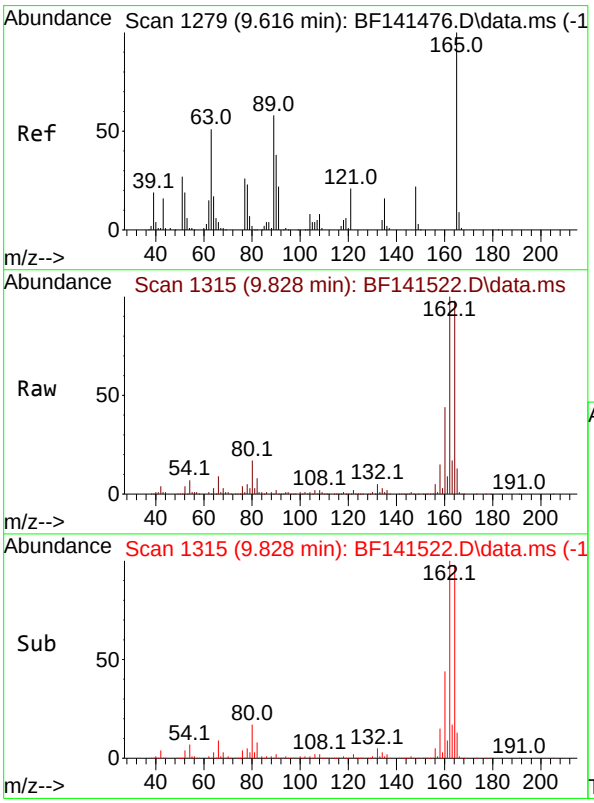
#50
Dimethylphthalate
Concen: 2.100 ng
RT: 9.828 min Scan# 1
Delta R.T. 0.265 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Instrument :
BNA_F
ClientSampleId :
JPP-16.1-012925

Tgt Ion:163 Resp: 24284

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.4#
164	589.8	7.9	11.9#

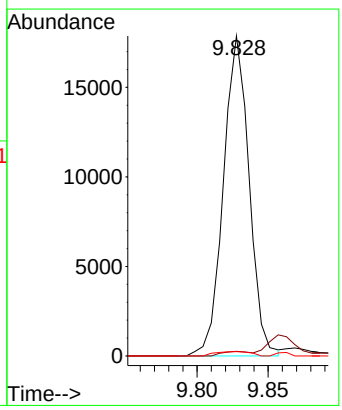


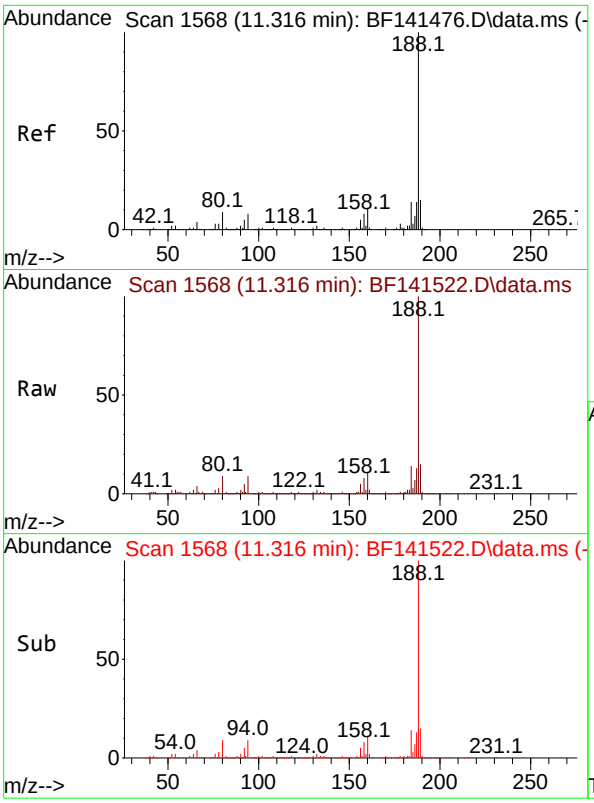


#51
2,6-Dinitrotoluene
Concen: 8.892 ng
RT: 9.828 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Tgt Ion:165 Resp: 22480

Ion	Ratio	Lower	Upper
165	100		
63	1.5	49.4	74.0#
89	1.3	46.5	69.7#



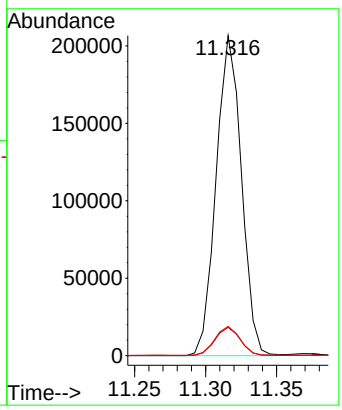


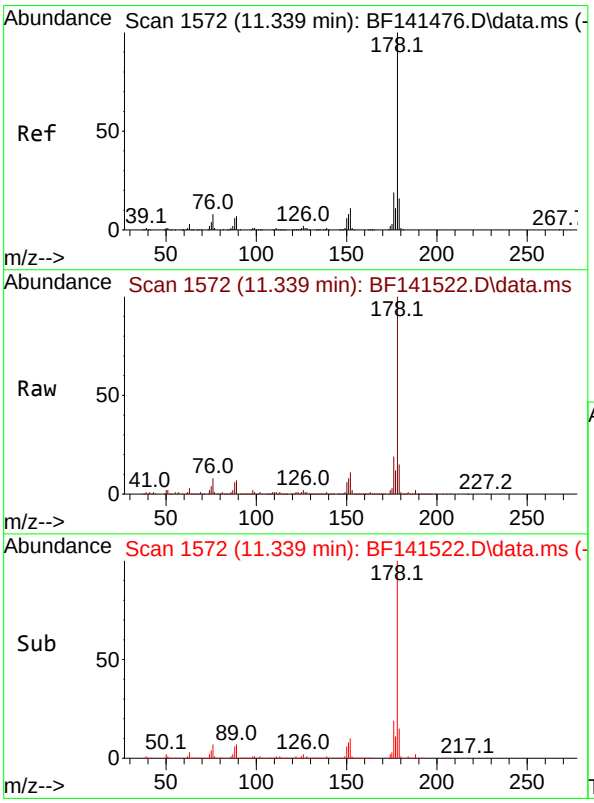
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Instrument :
BNA_F
ClientSampleId :
JPP-16.1-012925

Tgt Ion:188 Resp: 255902

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.6	10.0
80	9.2	7.3	10.9

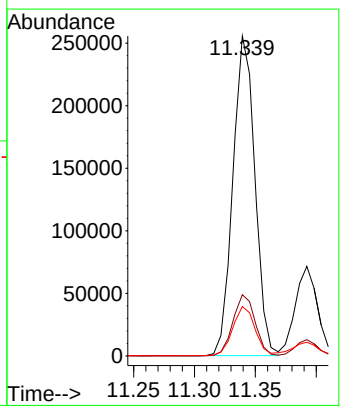


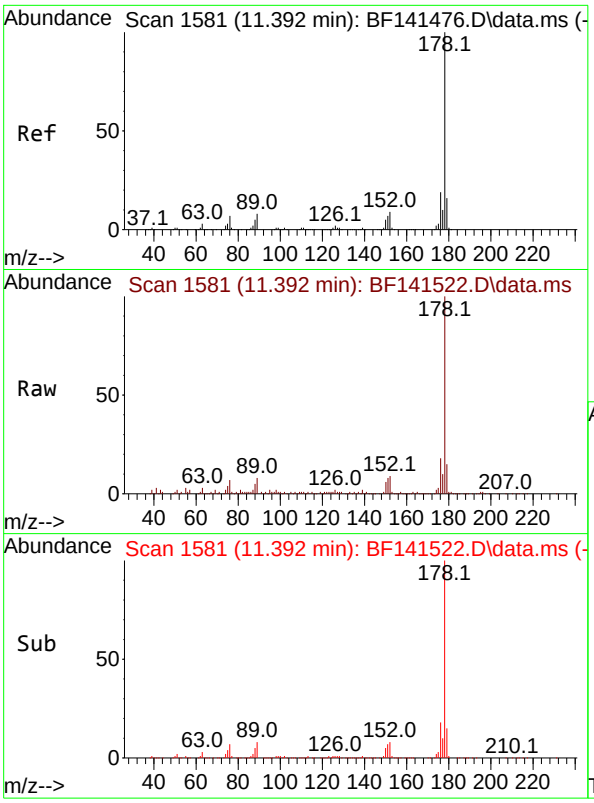


#71
Phenanthrene
Concen: 22.863 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Tgt Ion:178 Resp: 322056

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.5	12.4	18.6



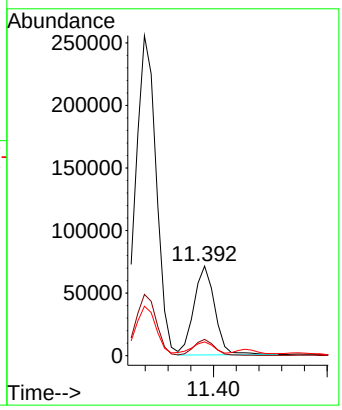


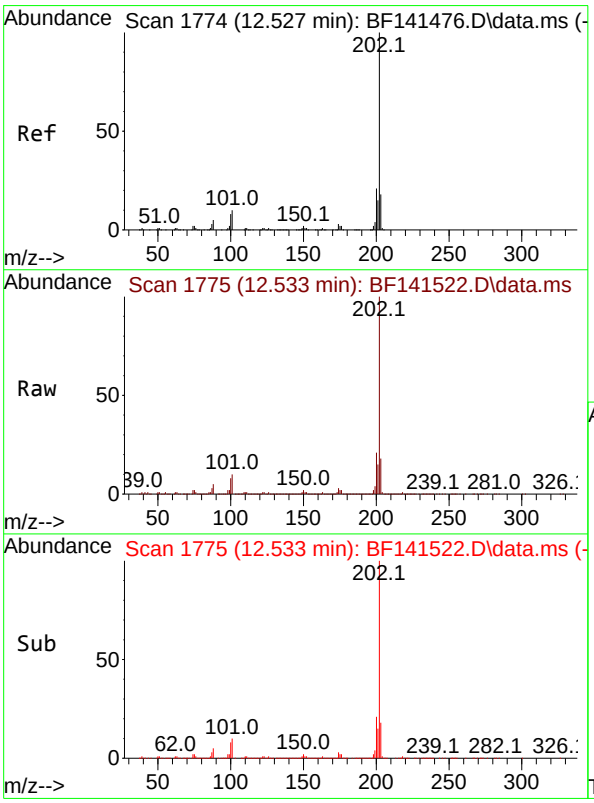
#72
Anthracene
Concen: 6.413 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Instrument :
BNA_F
ClientSampleId :
JPP-16.1-012925

Tgt Ion:178 Resp: 90802

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.4	12.4	18.6

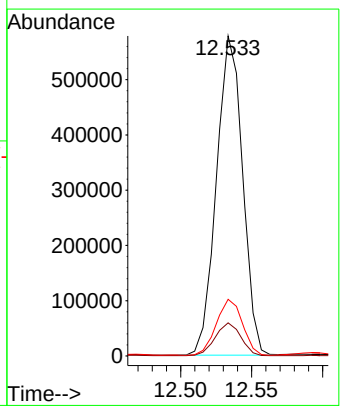


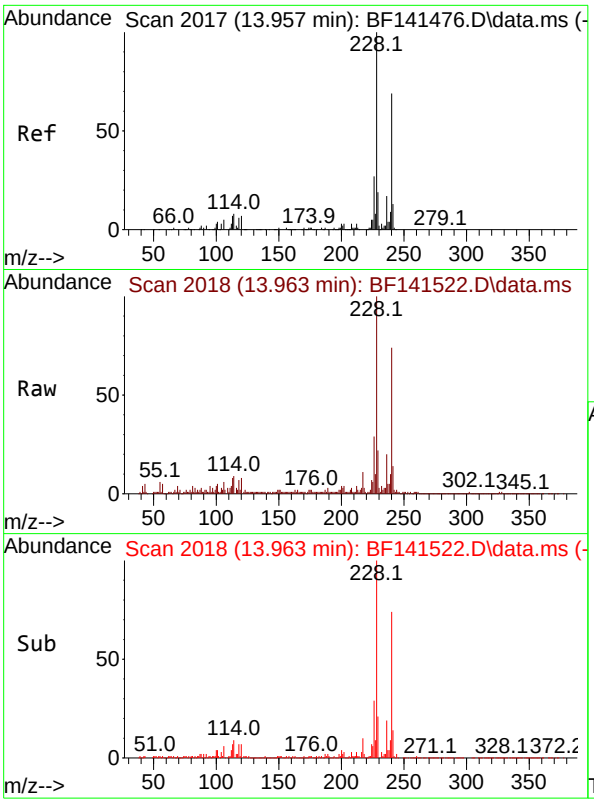


#75
Fluoranthene
Concen: 49.502 ng
RT: 12.533 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Tgt Ion:202 Resp: 739267

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.2
203	17.7	0.0	37.6



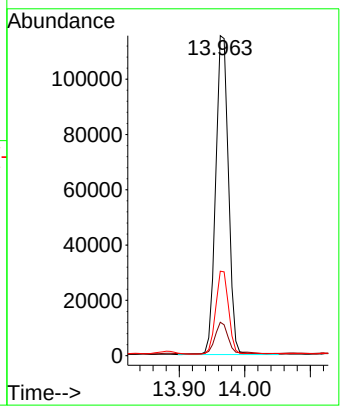


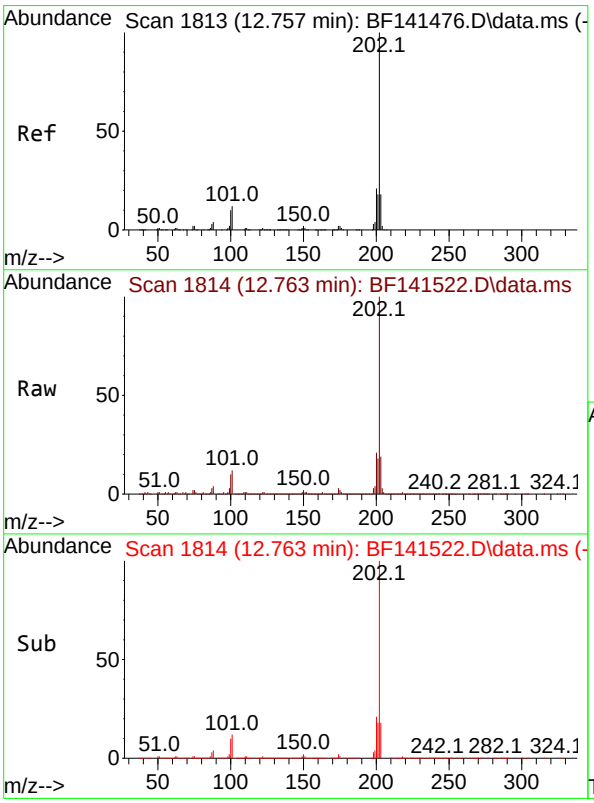
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Instrument :
BNA_F
ClientSampleId :
JPP-16.1-012925

Tgt Ion:240 Resp: 155441

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.0	12.0
236	26.4	19.8	29.8

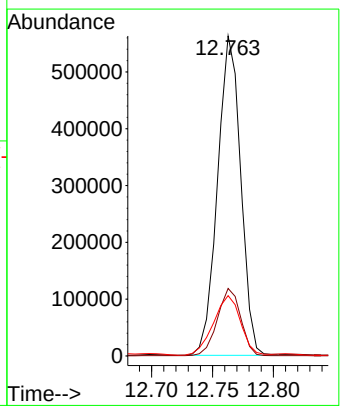


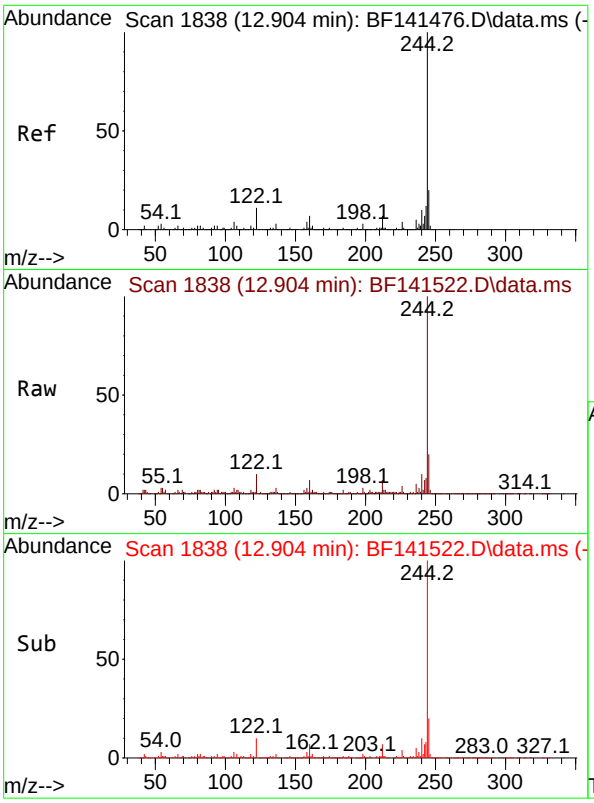


#78
Pyrene
Concen: 56.311 ng
RT: 12.763 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Tgt Ion:202 Resp: 745126

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	18.9	14.3	21.5



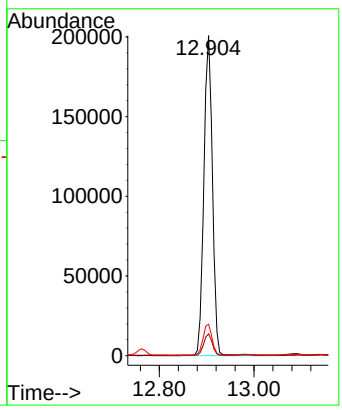


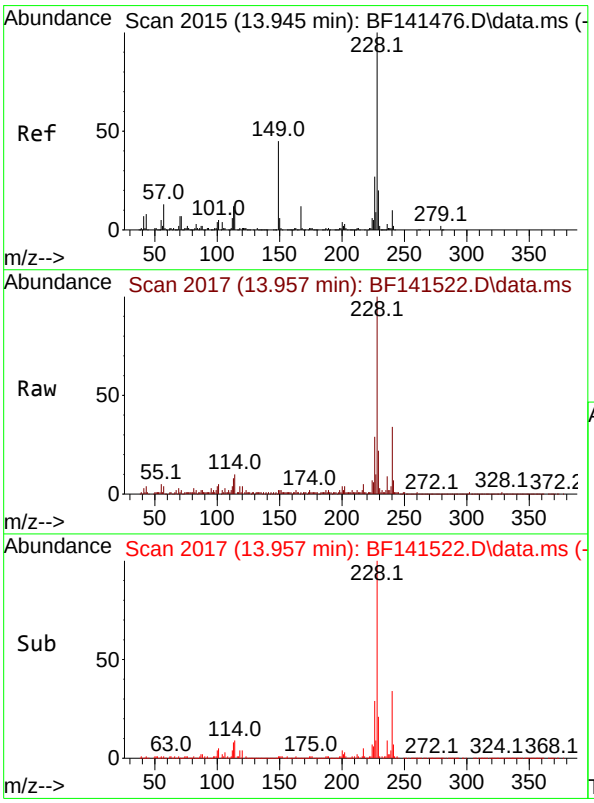
#79
Terphenyl-d14
Concen: 27.481 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Instrument :
BNA_F
ClientSampleId :
JPP-16.1-012925

Tgt Ion:244 Resp: 253037

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	9.9	8.4	12.6

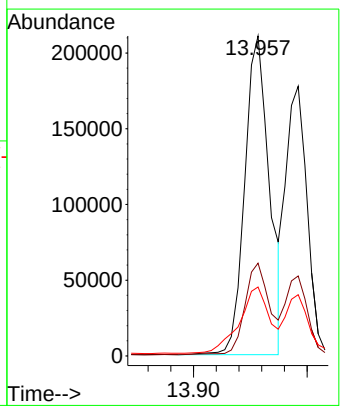


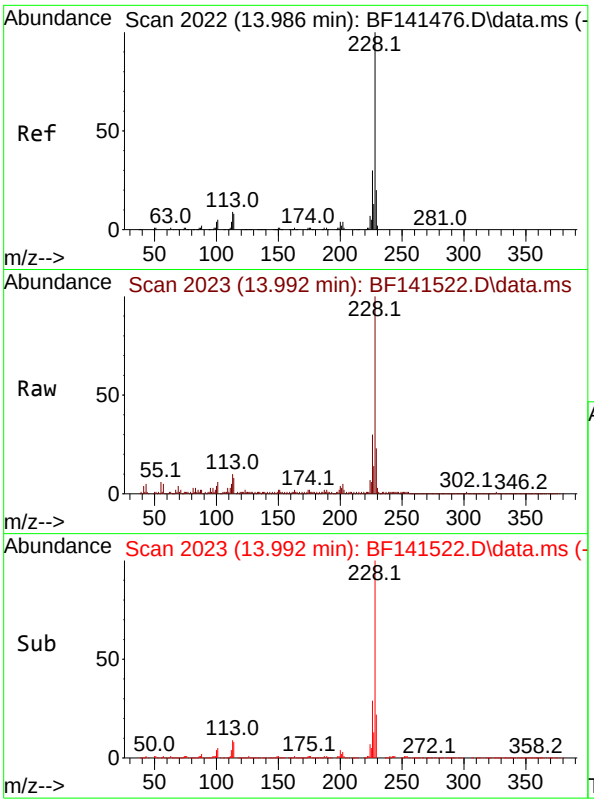


#81
Benzo(a)anthracene
Concen: 30.758 ng
RT: 13.957 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Tgt Ion:228 Resp: 317812

Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.8	32.8
229	21.6	15.8	23.6



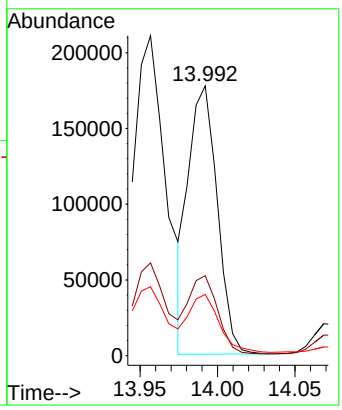


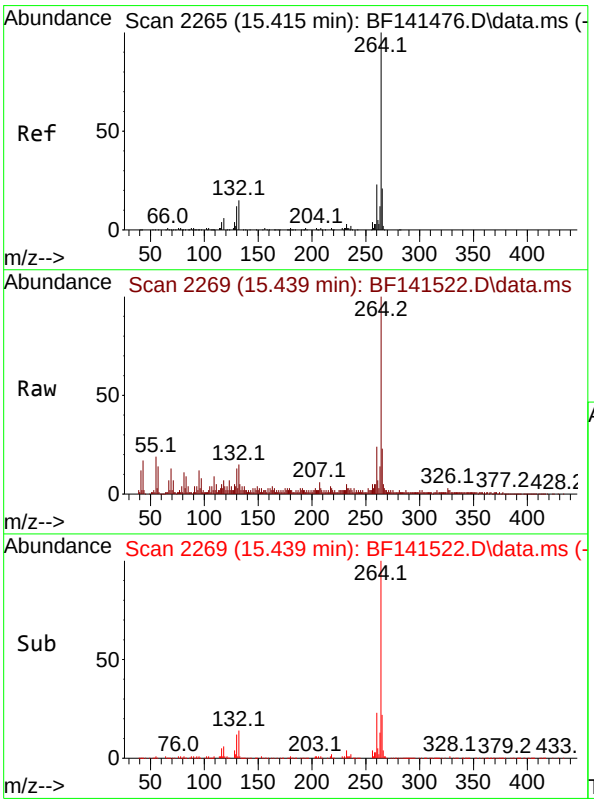
#83
Chrysene
Concen: 24.026 ng
RT: 13.992 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Instrument :
BNA_F
ClientSampleId :
JPP-16.1-012925

Tgt Ion:228 Resp: 229228

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	22.7	15.7	23.5

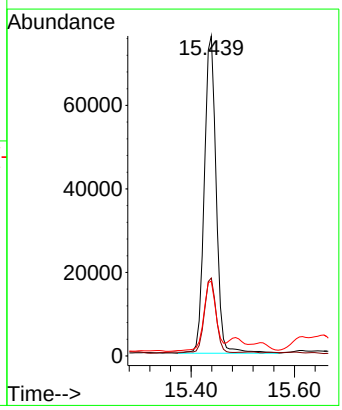


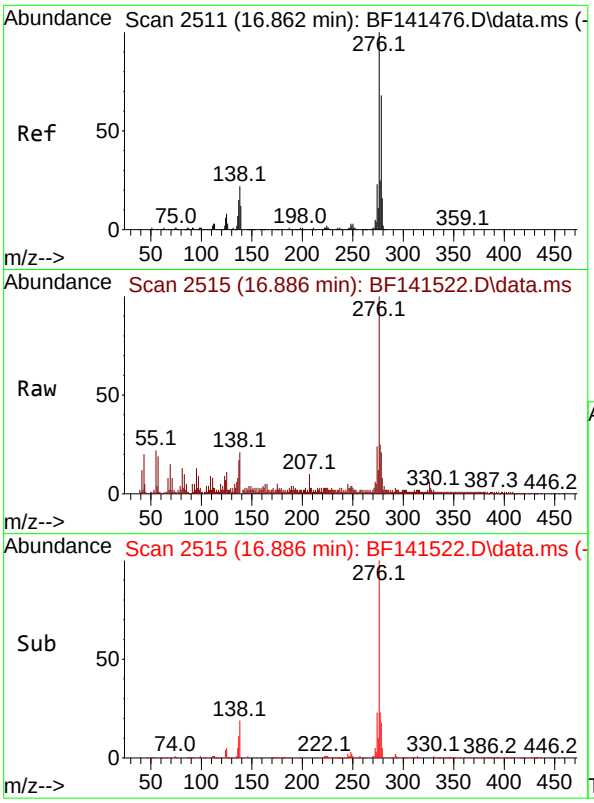


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2269
Delta R.T. 0.024 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Tgt Ion:264 Resp: 120766

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	28.0
265	23.3	17.0	25.4



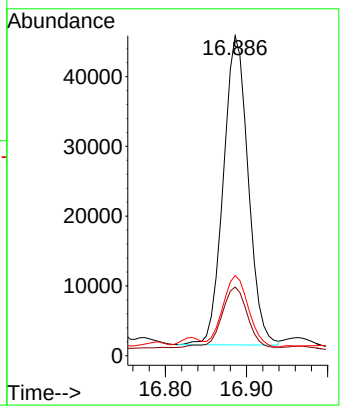


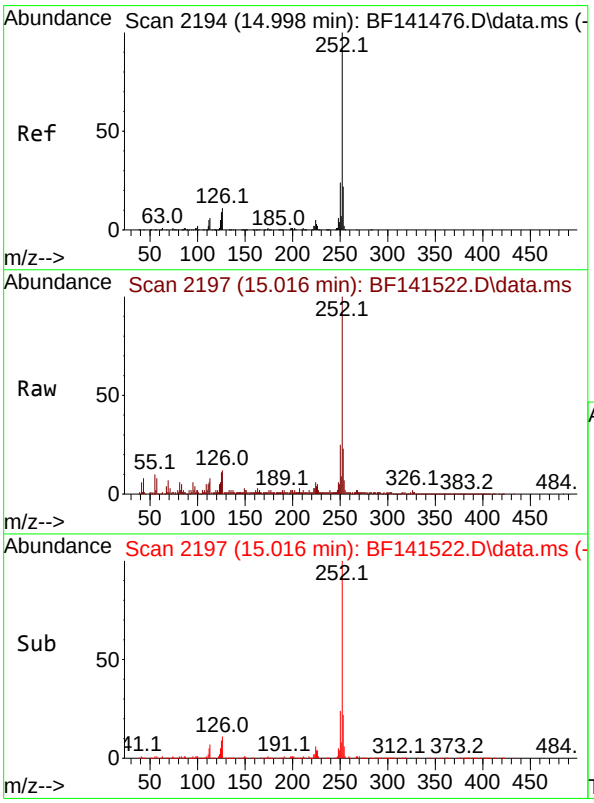
#87
Indeno(1,2,3-cd)pyrene
Concen: 12.602 ng
RT: 16.886 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Instrument :
BNA_F
ClientSampleId :
JPP-16.1-012925

Tgt Ion:276 Resp: 94040

Ion	Ratio	Lower	Upper
276	100		
138	20.5	18.0	27.0
277	24.1	20.4	30.6

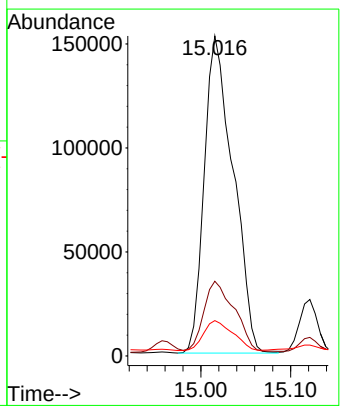


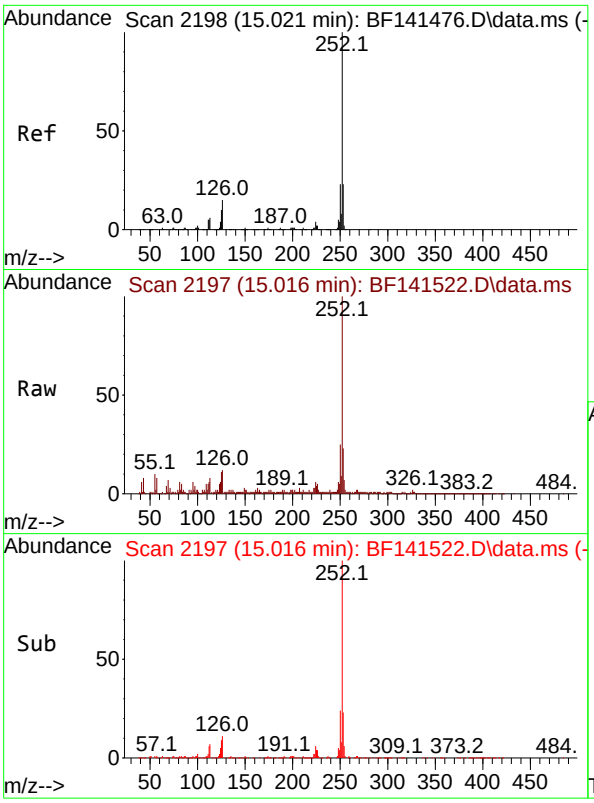


#88
Benzo(b)fluoranthene
Concen: 42.044 ng
RT: 15.016 min Scan# 2197
Delta R.T. 0.012 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Tgt Ion:252 Resp: 340928

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	11.0	7.0	10.6#



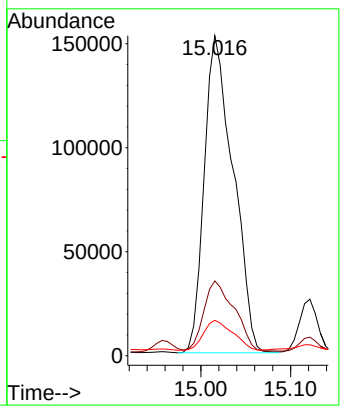


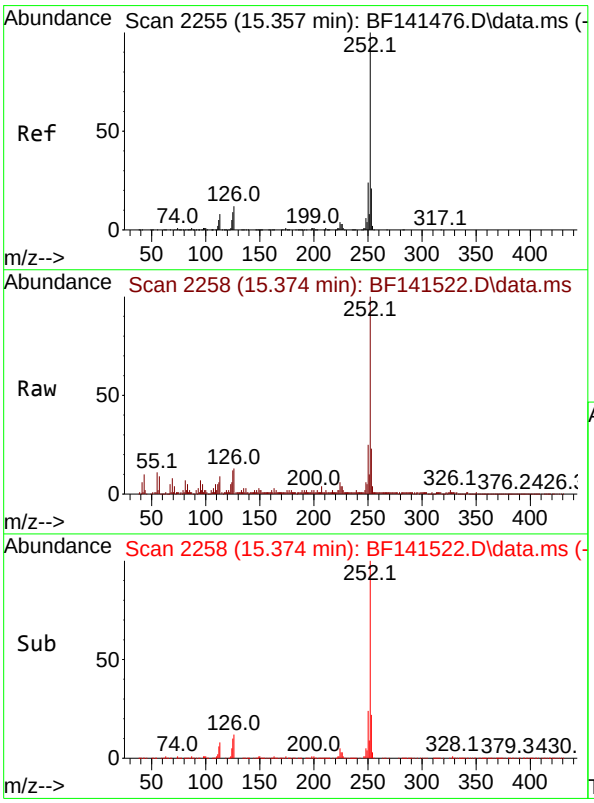
#89
Benzo(k)fluoranthene
Concen: 49.237 ng
RT: 15.016 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Instrument :
BNA_F
ClientSampleId :
JPP-16.1-012925

Tgt Ion:252 Resp: 340928

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	11.0	7.4	11.0

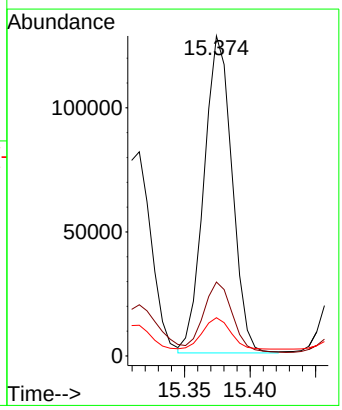


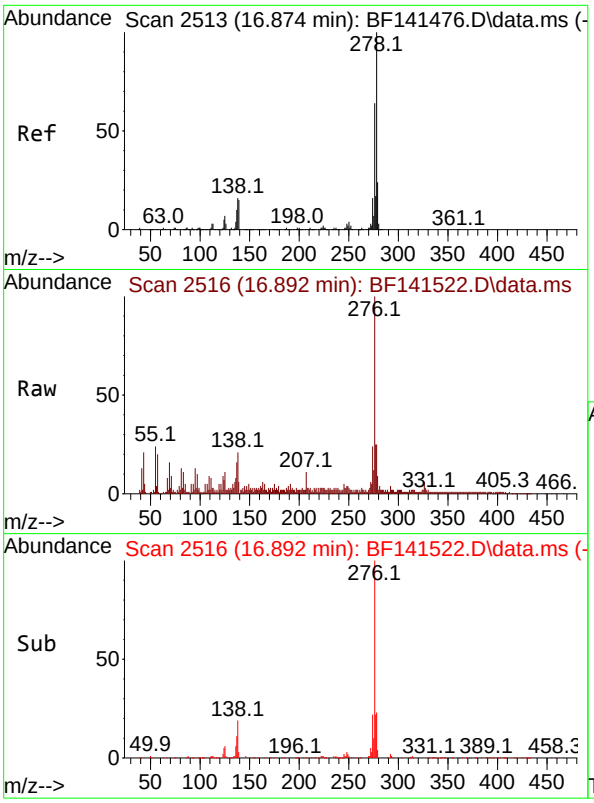


#90
Benzo(a)pyrene
Concen: 29.071 ng
RT: 15.374 min Scan# 2258
Delta R.T. 0.012 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Tgt Ion:252 Resp: 190748

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	12.0	7.4	11.2#



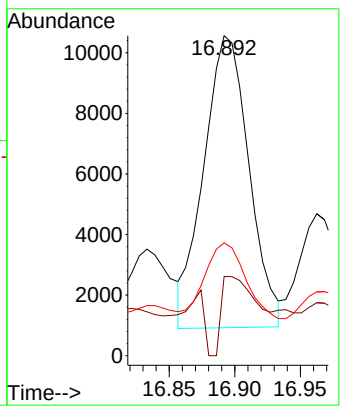


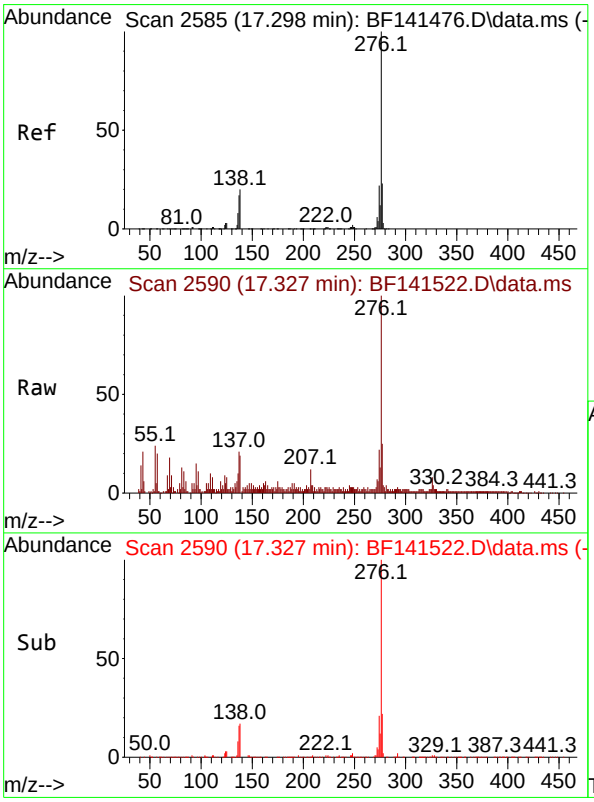
#91
Dibenzo(a,h)anthracene
Concen: 3.838 ng
RT: 16.892 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Instrument :
BNA_F
ClientSampleId :
JPP-16.1-012925

Tgt Ion:278 Resp: 23207

Ion	Ratio	Lower	Upper
278	100		
139	24.7	11.8	17.6#
279	35.2	19.1	28.7#





#92
Benzo(g,h,i)perylene
Concen: 15.106 ng
RT: 17.327 min Scan# 2590
Delta R.T. 0.012 min
Lab File: BF141522.D
Acq: 07 Feb 2025 21:40

Tgt Ion:276 Resp: 95582

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	19.4	15.9	23.9