Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141516.D
Acq On : 07 Feb 2025 19:02
Operator : RC/JU
Sample : Q1216-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Quant Time: Feb 07 22:25:25 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	6.792	152	86290	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	329638	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	156807	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	228703	20.000	ng		0.00
76) Chrysene-d12	13.963	240	157412	20.000	ng		0.00
86) Perylene-d12	15.427	264	120991	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	400166	72.703	ng		0.00
7) Phenol-d6	6.428	99	485966	69.856	ng		-0.01
23) Nitrobenzene-d5	7.351	82	314467	49.758	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	98339	62.430	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	527403	51.818	ng		0.00
79) Terphenyl-d14	12.904	244	432159	46.347	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	42822	10.291	ng	#	77
25) Isophorone	7.351	82	307491	30.514	ng	#	66
50) Dimethylphthalate	9.828	163	23865	2.242	ng	#	1
51) 2,6-Dinitrotoluene	9.828	165	20802	8.939	ng	#	22
52) Acenaphthene	9.857	154	22824	2.539	ng		99
56) 4-Nitrophenol	10.033	139	5027	2.704	ng	#	7
63) Azobenzene	10.539	77	26726	2.567	ng	#	1
67) 4-Bromophenyl-phenylether	10.616	248	6882	2.692	ng	#	1
71) Phenanthrene	11.339	178	372594	29.597	ng		100
72) Anthracene	11.392	178	100278	7.924	ng		99
75) Fluoranthene	12.533	202	784240	58.758	ng		100
78) Pyrene	12.763	202	805487	60.111	ng		99
81) Benzo(a)anthracene	13.951	228	372538	35.603	ng		98
83) Chrysene	13.986	228	301853	31.242	ng		98
87) Indeno(1,2,3-cd)pyrene	16.868	276	120330	16.096	ng		95
88) Benzo(b)fluoranthene	15.010	252	415281	51.118	ng	#	97
89) Benzo(k)fluoranthene	15.010	252	415281	59.864	ng		98
90) Benzo(a)pyrene	15.362	252	226878	34.513	ng		96
91) Dibenzo(a,h)anthracene	16.880	278	30455	5.028	ng	#	89
92) Benzo(g,h,i)perylene	17.309	276	118385	18.675	ng		97

(#) = 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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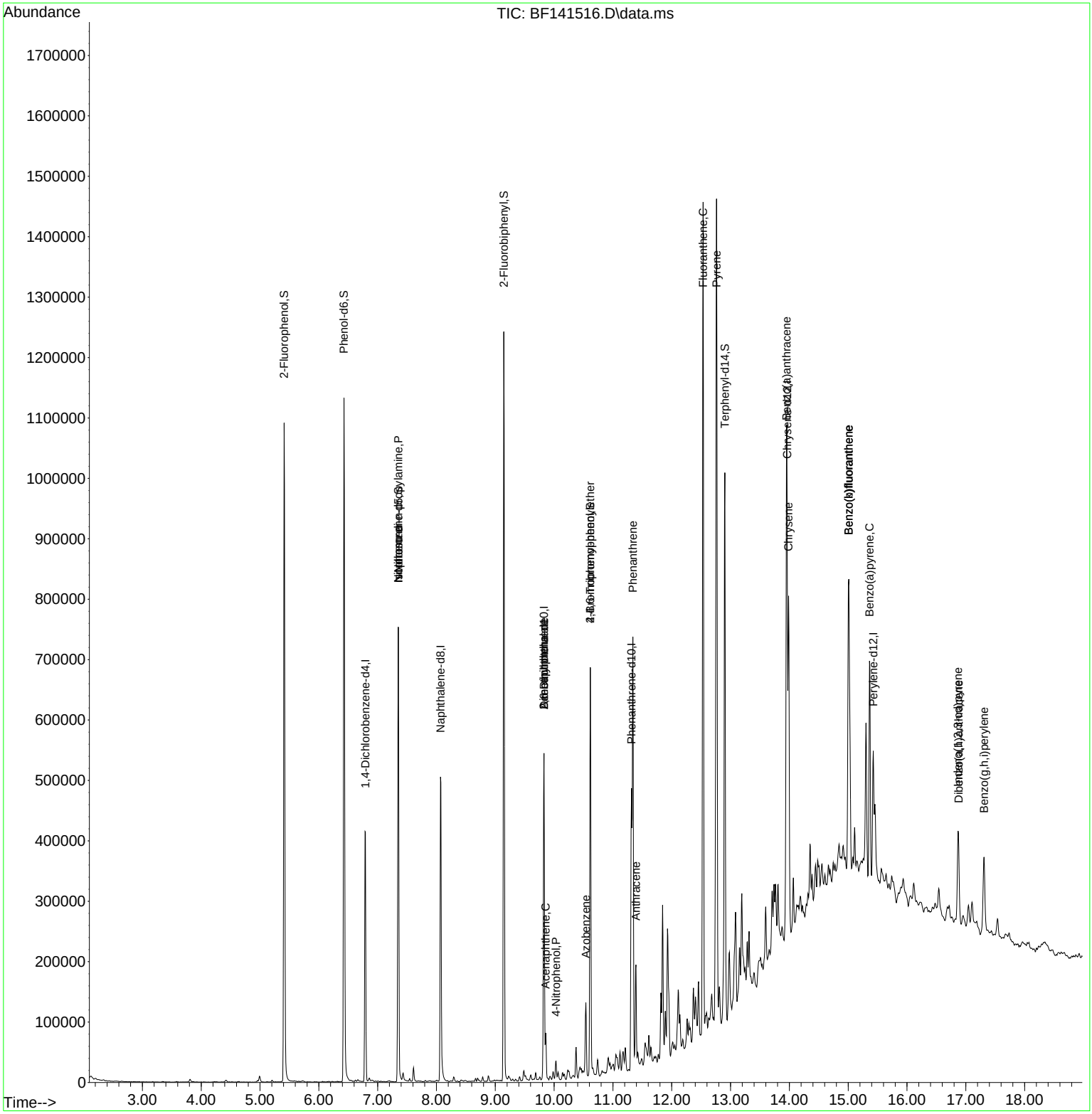
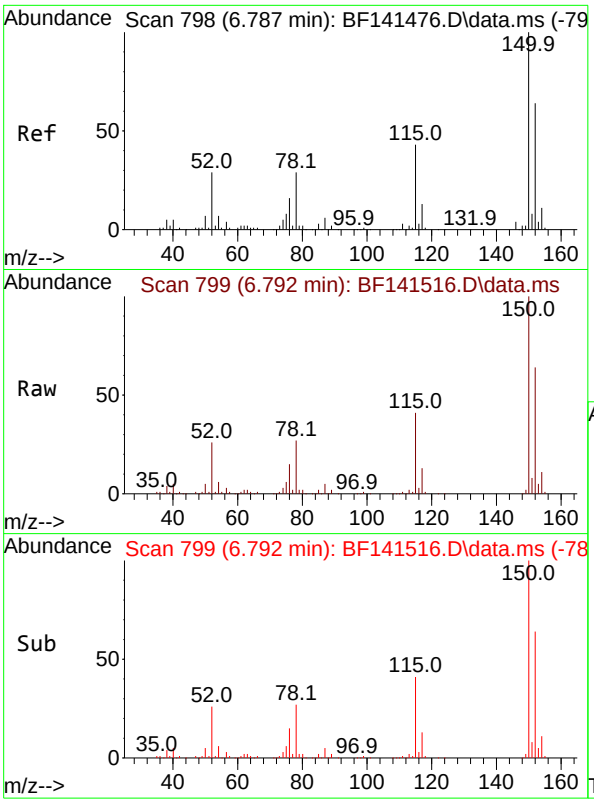
Acq On : 07 Feb 2025 19:02
Operator : RC/JU
Sample : Q1216-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Quant Time: Feb 07 22:25:25 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



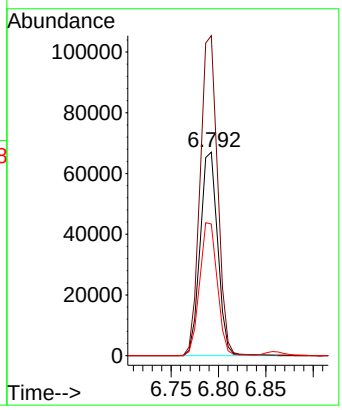


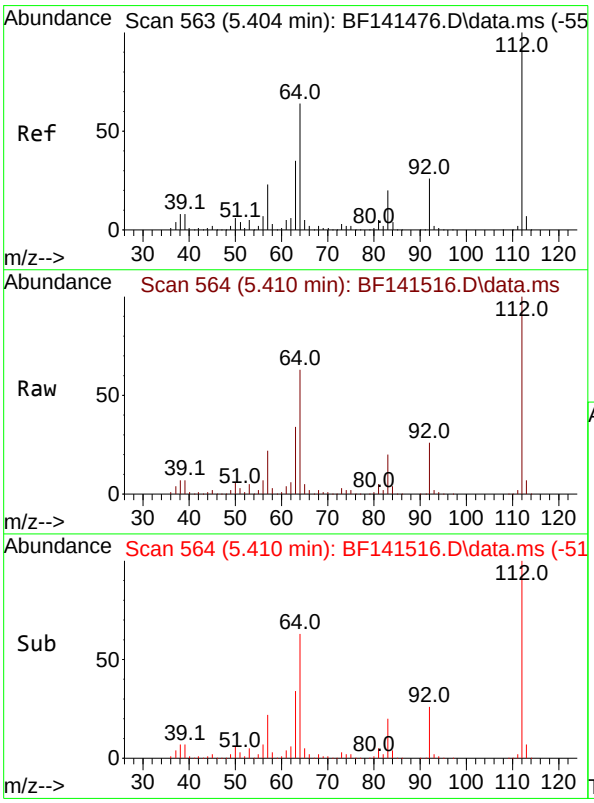
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion:152 Resp: 86290

Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.0	187.4
115	64.7	53.6	80.4

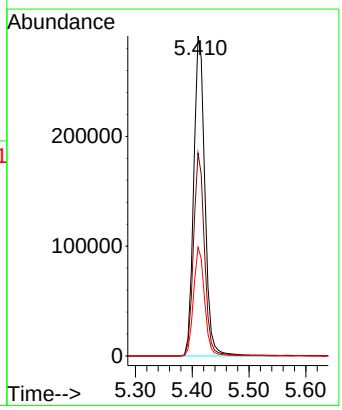


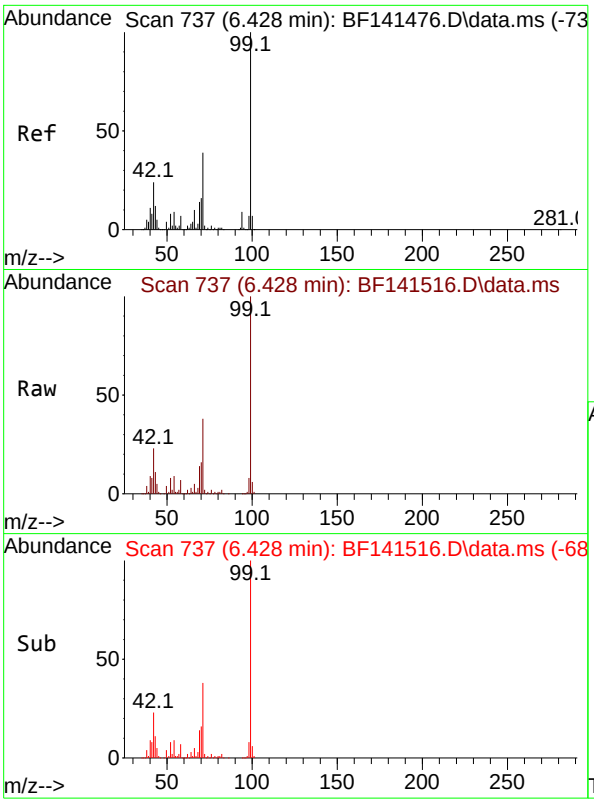


#5
2-Fluorophenol
Concen: 72.703 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Tgt Ion:112 Resp: 400166

Ion	Ratio	Lower	Upper
112	100		
64	63.4	51.1	76.7
63	34.0	28.4	42.6



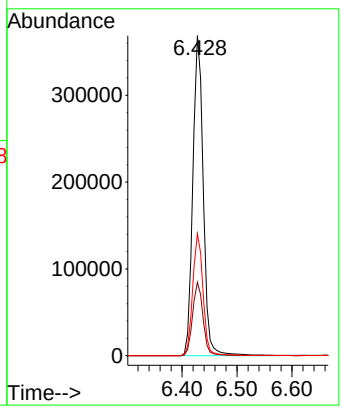


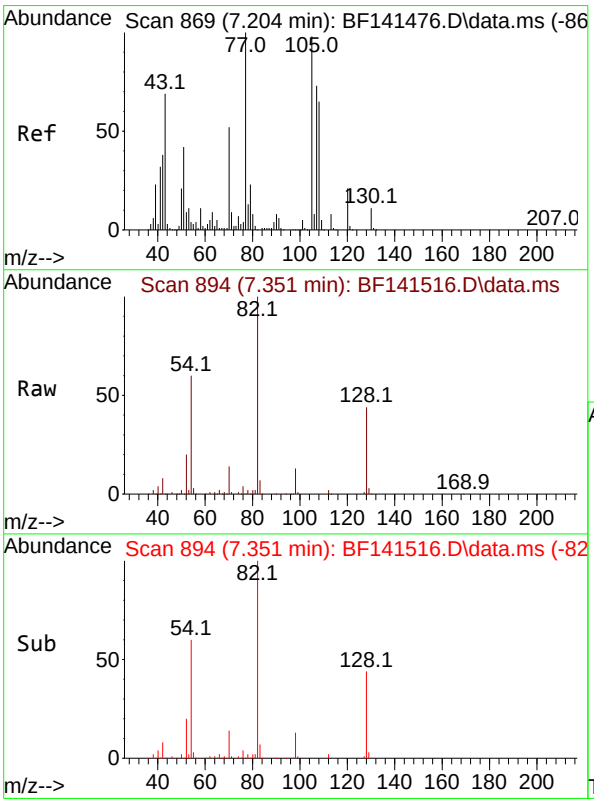
#7
Phenol-d6
Concen: 69.856 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion: 99 Resp: 485966

Ion	Ratio	Lower	Upper
99	100		
42	23.0	19.1	28.7
71	38.1	31.1	46.7

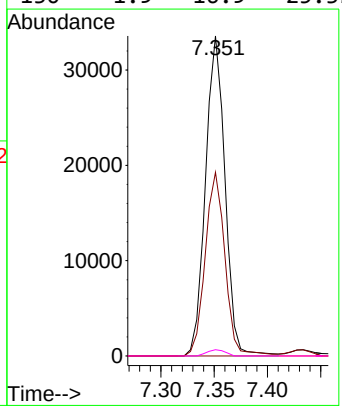


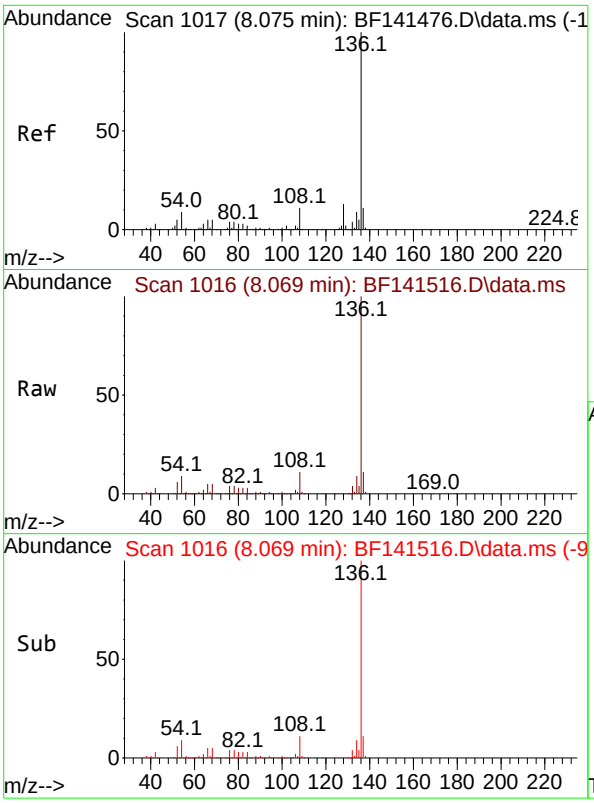


#19
n-Nitroso-di-n-propylamine
Concen: 10.291 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Tgt Ion: 70 Resp: 42822

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



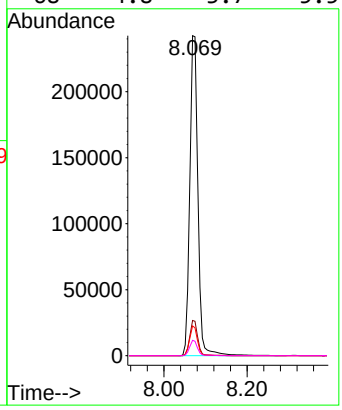


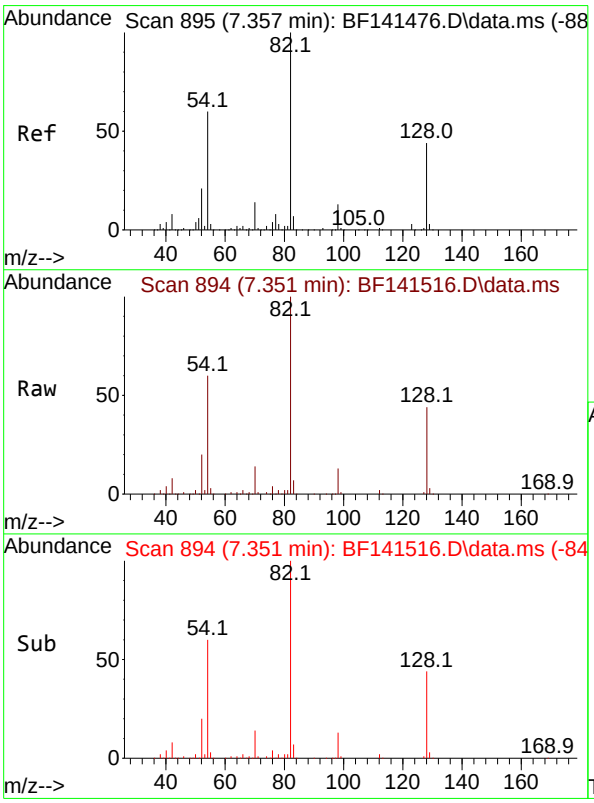
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion:136 Resp: 329638

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.3	7.2	10.8
68	4.8	3.7	5.5

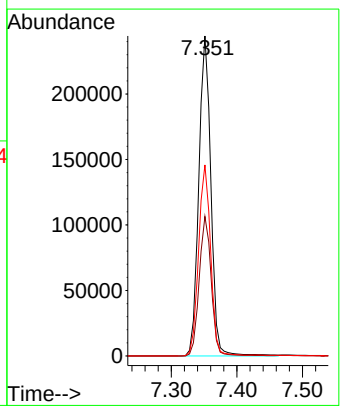


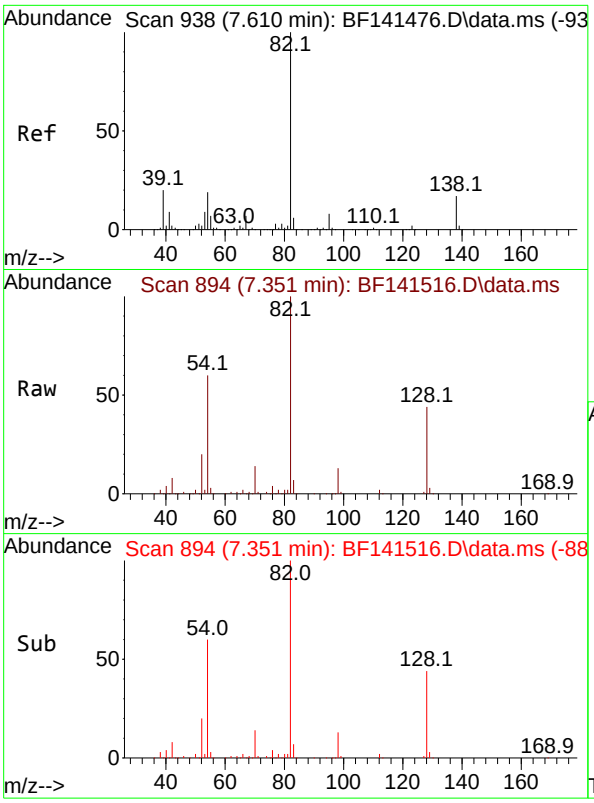


#23
Nitrobenzene-d5
Concen: 49.758 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Tgt Ion: 82 Resp: 314467

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.8	52.2
54	59.7	48.2	72.4



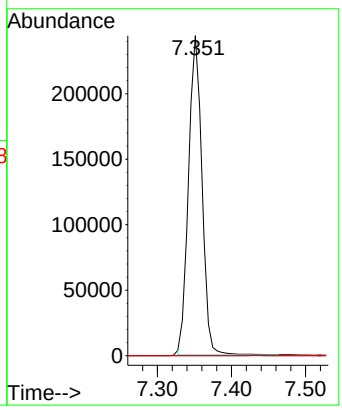


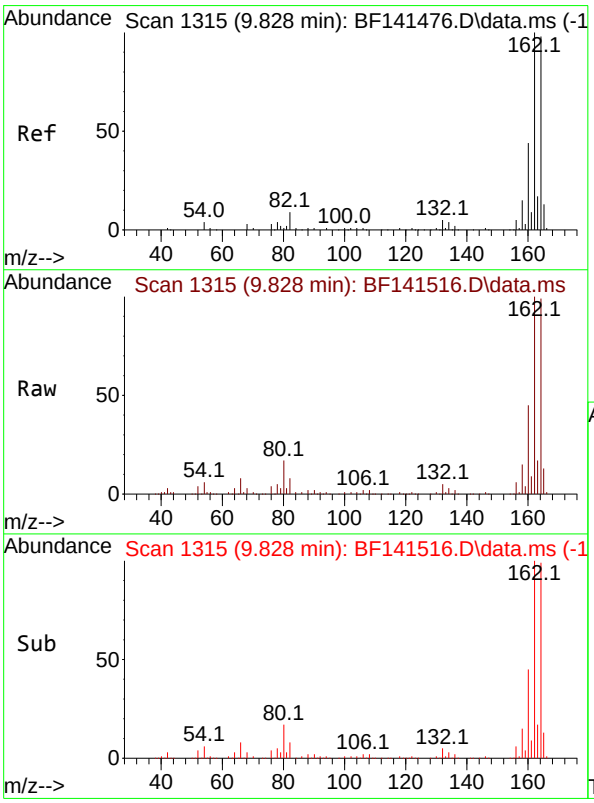
#25
Isophorone
Concen: 30.514 ng
RT: 7.351 min Scan# 8
Delta R.T. -0.271 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion: 82 Resp: 307491

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

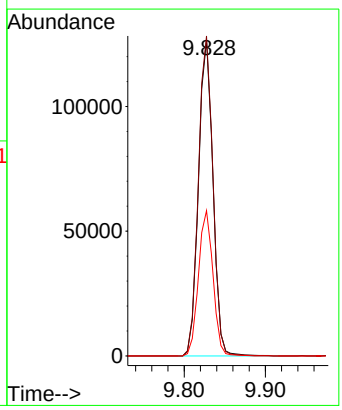


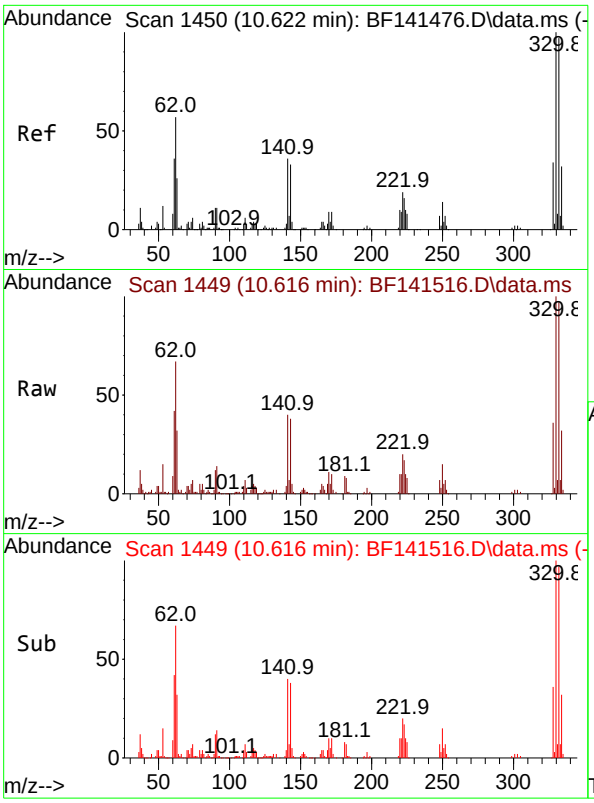


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Tgt Ion:164 Resp: 156807

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.3	121.9
160	46.0	35.9	53.9



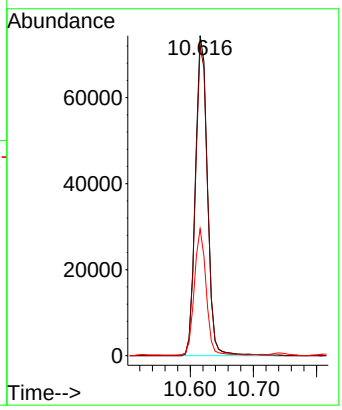


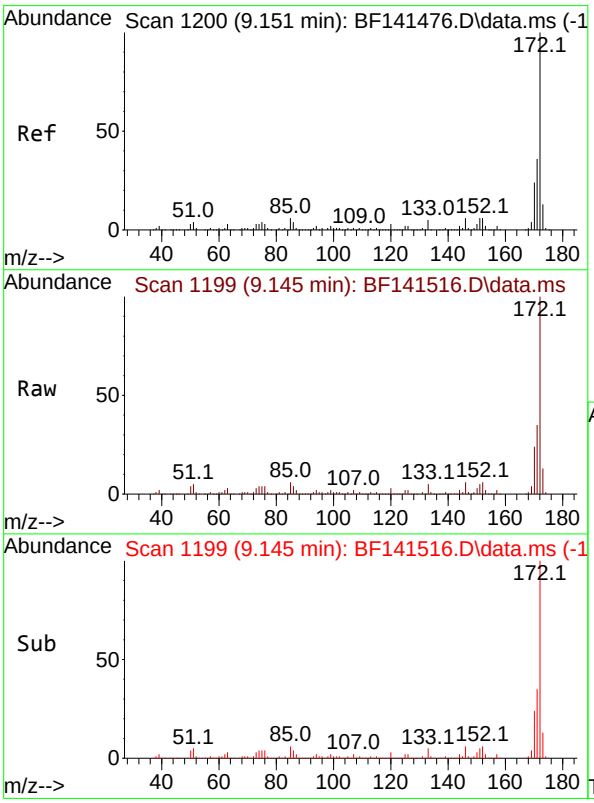
#42
2,4,6-Tribromophenol
Concen: 62.430 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion:330 Resp: 98339

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.5	117.7
141	38.4	31.0	46.4

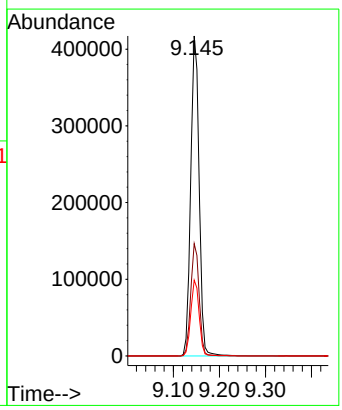


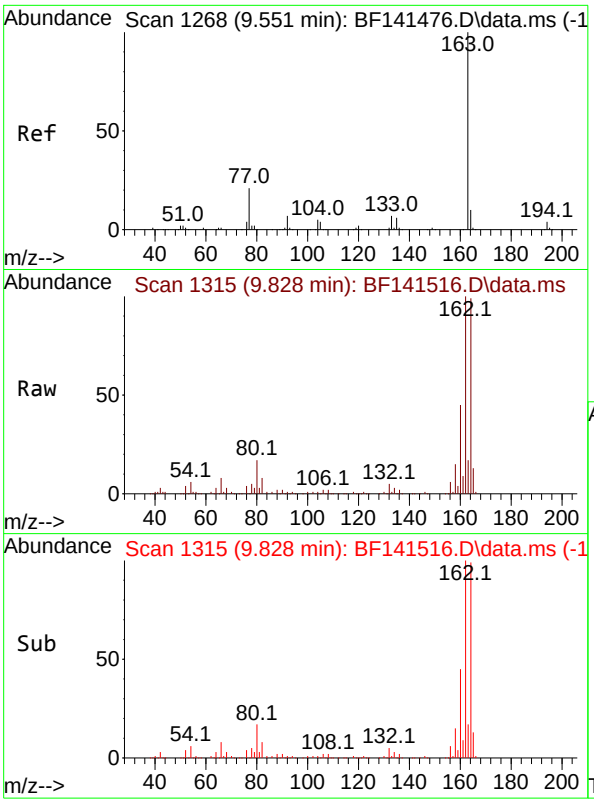


#45
2-Fluorobiphenyl
Concen: 51.818 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Tgt Ion:172 Resp: 527403

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	23.7	18.9	28.3



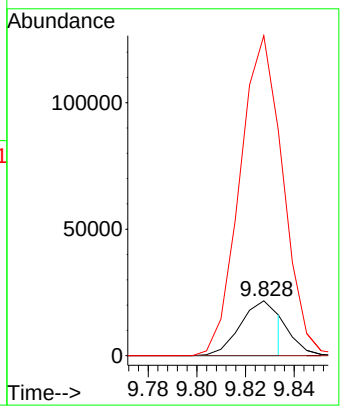


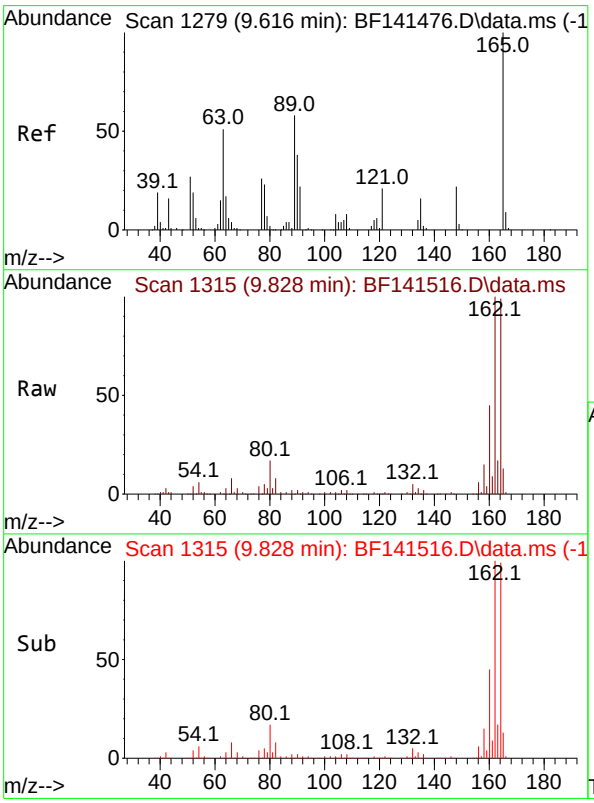
#50
Dimethylphthalate
Concen: 2.242 ng
RT: 9.828 min Scan# 1
Delta R.T. 0.265 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion:163 Resp: 23865

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.4#
164	583.1	7.9	11.9#

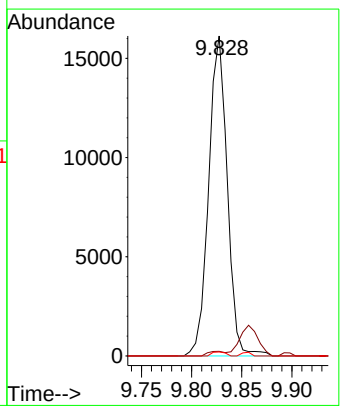


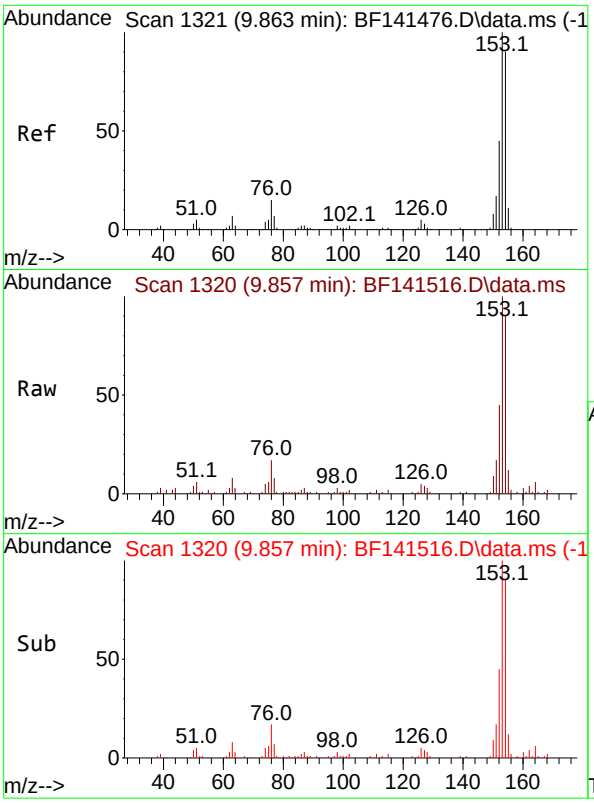


#51
2,6-Dinitrotoluene
Concen: 8.939 ng
RT: 9.828 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Tgt Ion:165 Resp: 20802

Ion	Ratio	Lower	Upper
165	100		
63	1.4	49.4	74.0#
89	1.3	46.5	69.7#



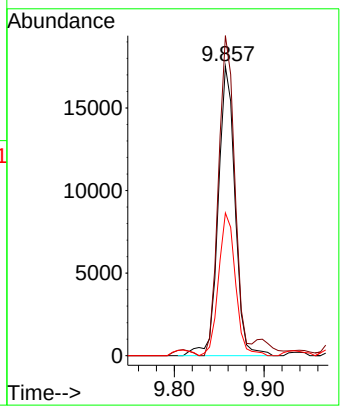


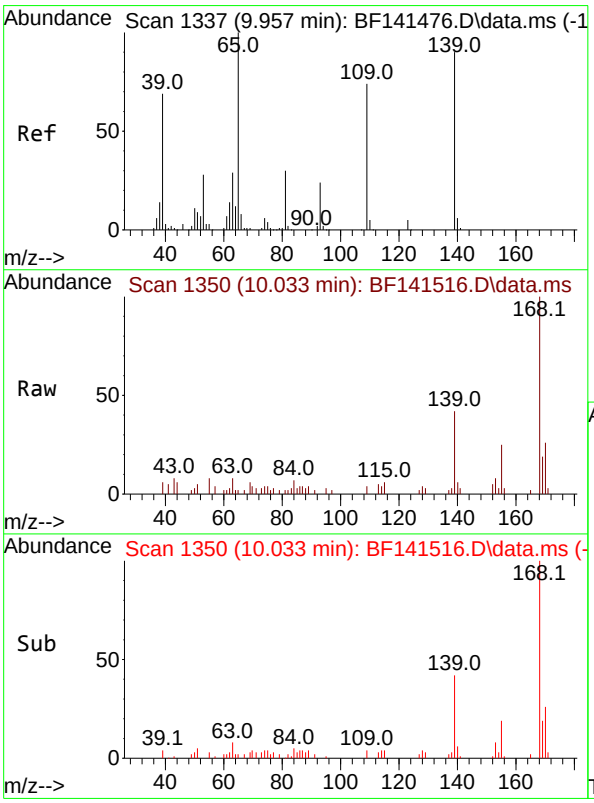
#52
Acenaphthene
Concen: 2.539 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion:154 Resp: 22824

Ion	Ratio	Lower	Upper
154	100		
153	110.6	89.2	133.8
152	49.3	39.8	59.8

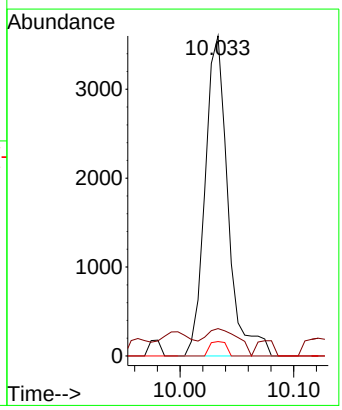


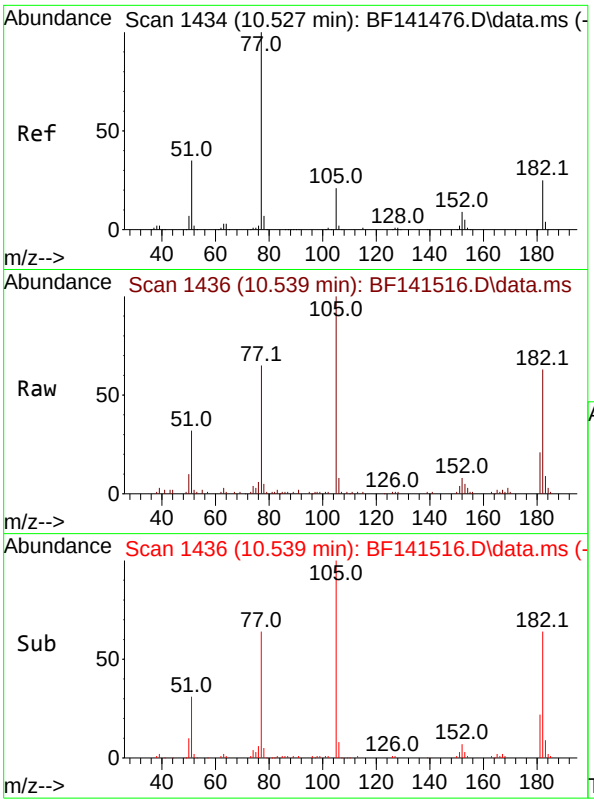


#56
4-Nitrophenol
Concen: 2.704 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.065 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Tgt Ion:139 Resp: 5027

Ion	Ratio	Lower	Upper
139	100		
109	8.6	62.0	102.0#
65	4.5	91.2	131.2#



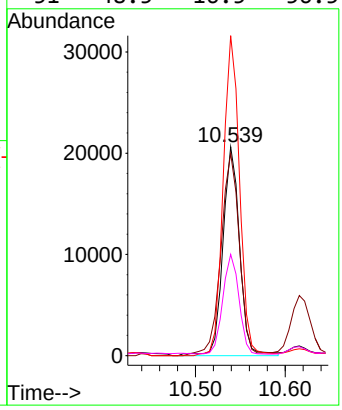


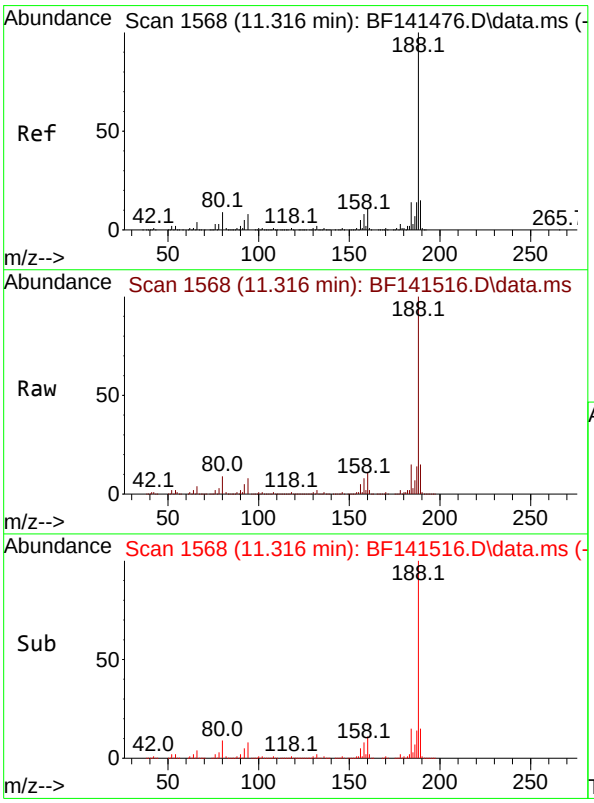
#63
Azobenzene
Concen: 2.567 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion: 77 Resp: 26726

Ion	Ratio	Lower	Upper
77	100		
182	96.9	4.7	44.7#
105	153.3	0.4	40.4#
51	48.5	16.5	56.5

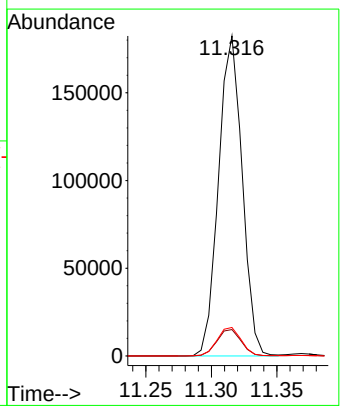


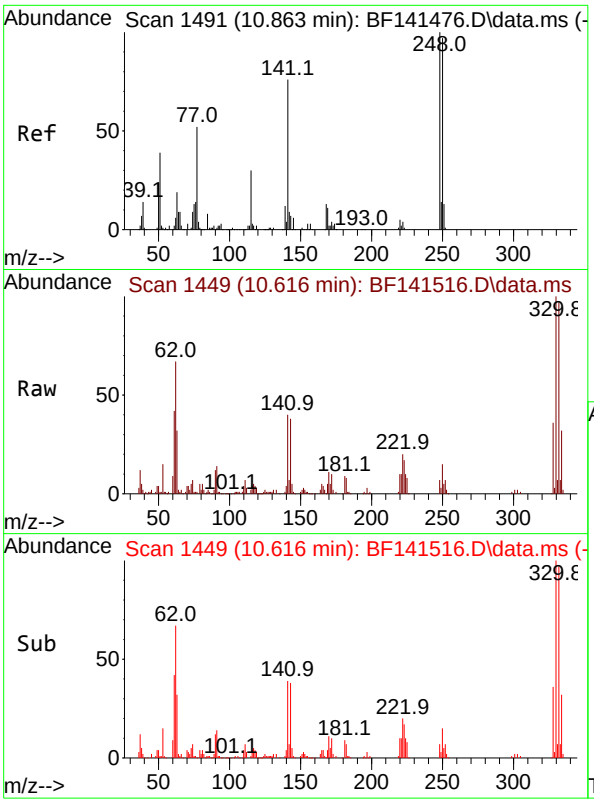


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Tgt Ion:188 Resp: 228703

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	8.9	7.3	10.9



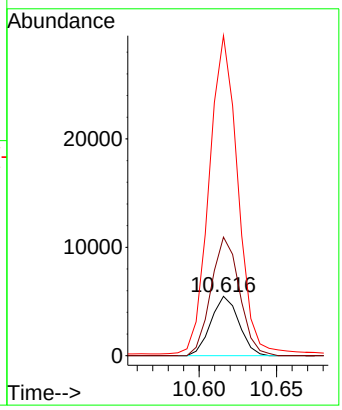


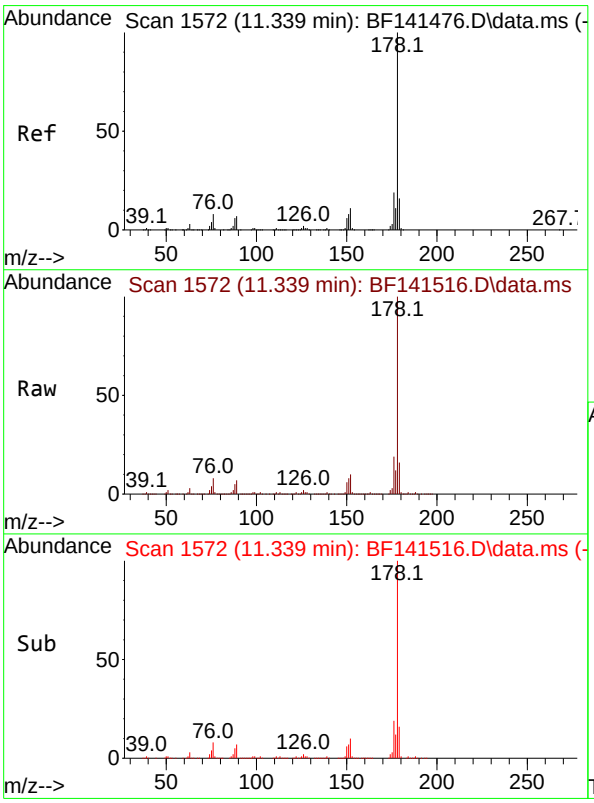
#67
4-Bromophenyl-phenylether
Concen: 2.692 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion:248 Resp: 6882

Ion	Ratio	Lower	Upper
248	100		
250	199.8	77.8	116.6#
141	539.5	60.6	90.8#

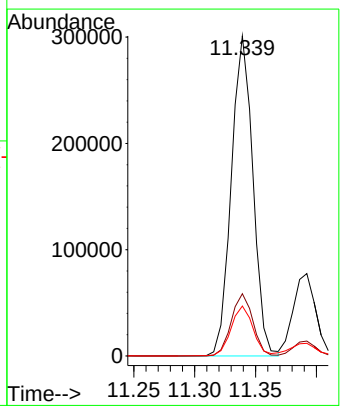


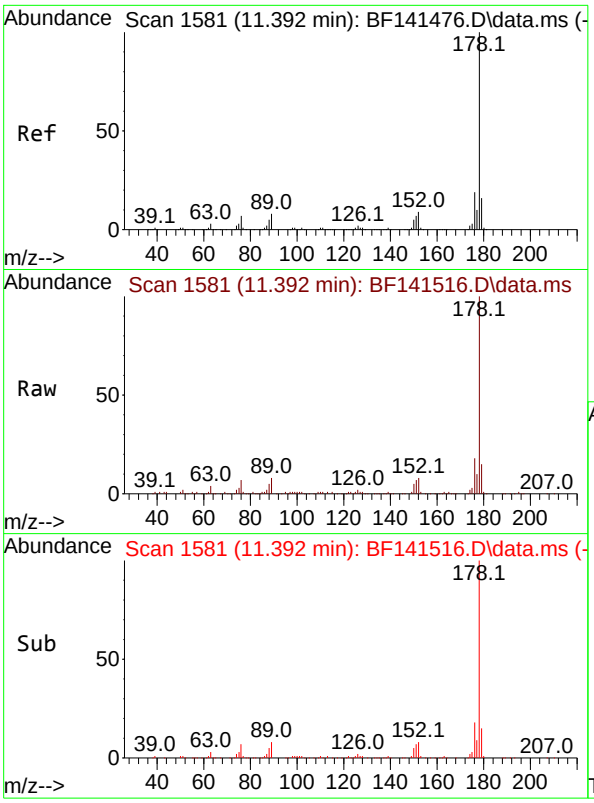


#71
Phenanthrene
Concen: 29.597 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Tgt Ion:178 Resp: 372594

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.6	12.4	18.6



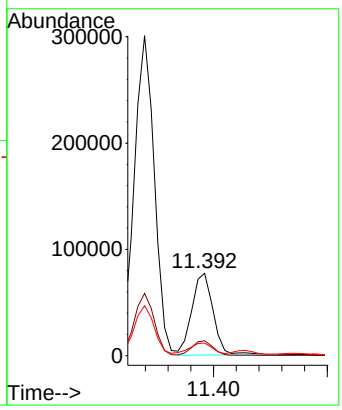


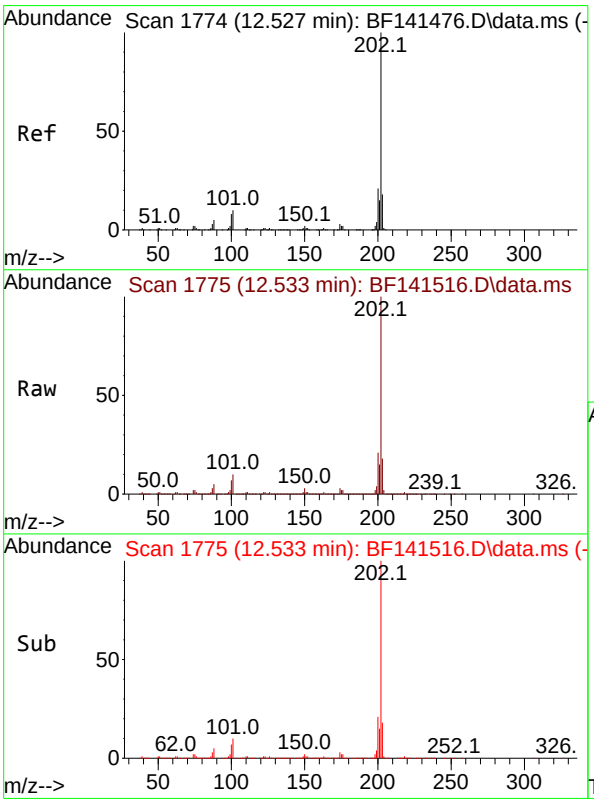
#72
Anthracene
Concen: 7.924 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion:178 Resp: 100278

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.8	22.2
179	15.3	12.4	18.6

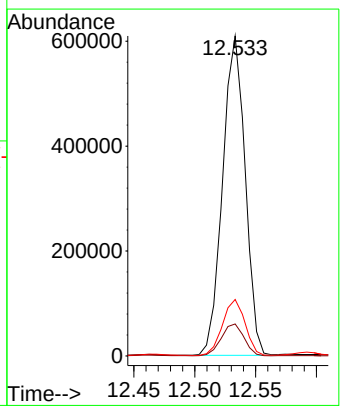


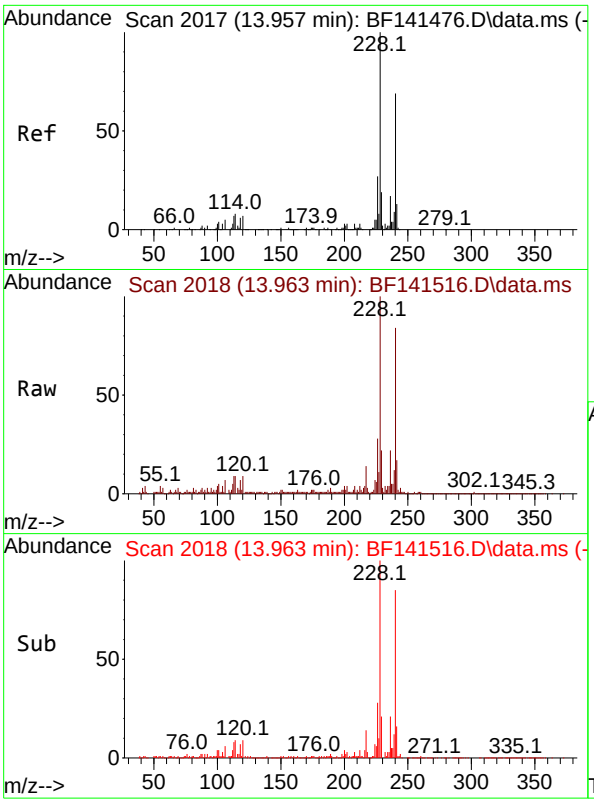


#75
Fluoranthene
Concen: 58.758 ng
RT: 12.533 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Tgt Ion:202 Resp: 784240

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.2
203	17.7	0.0	37.6



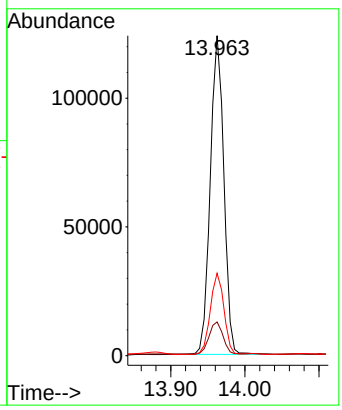


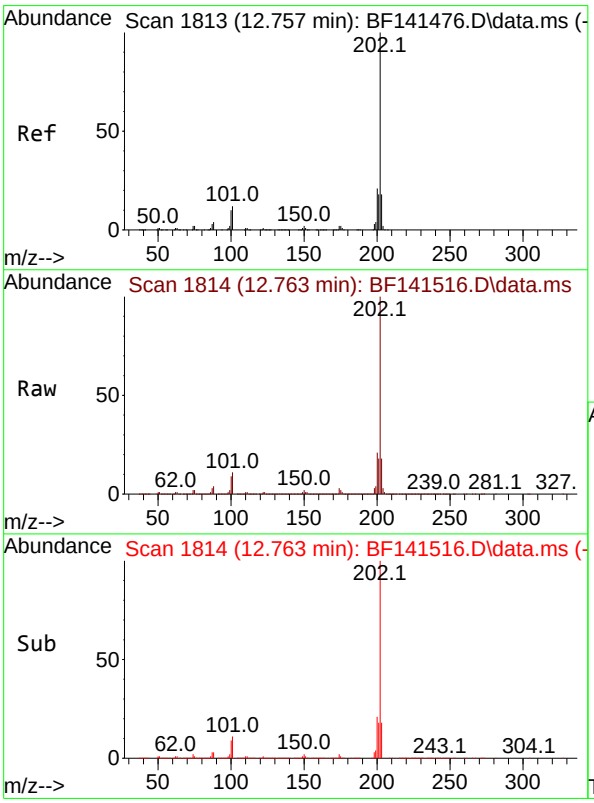
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion:240 Resp: 157412

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.0	12.0
236	25.7	19.8	29.8

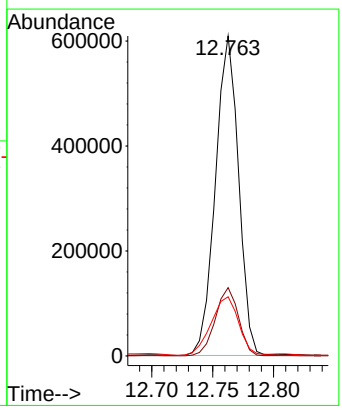


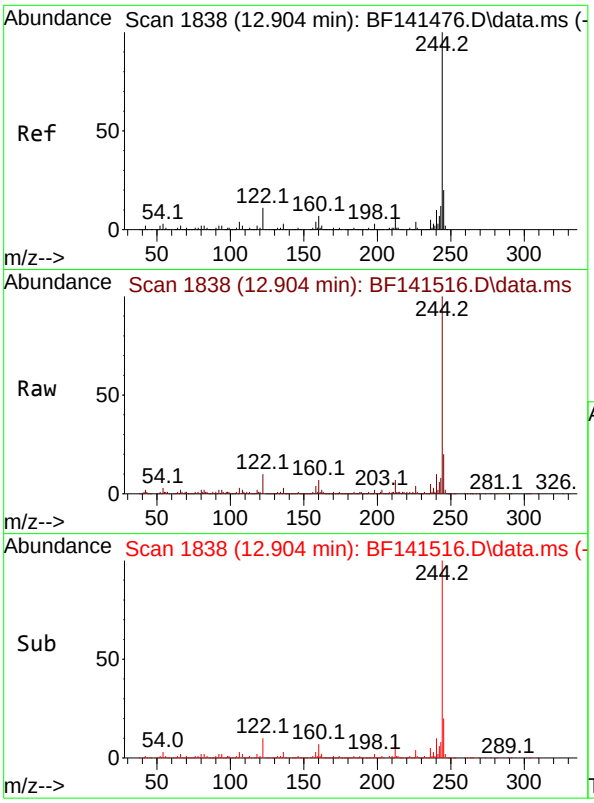


#78
Pyrene
Concen: 60.111 ng
RT: 12.763 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Tgt Ion:202 Resp: 805487

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	18.5	14.3	21.5



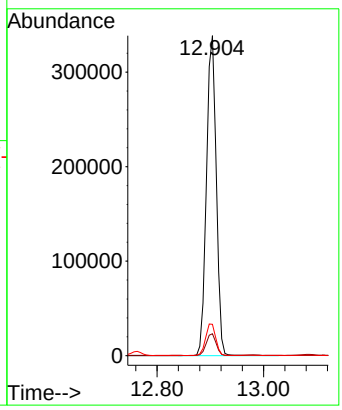


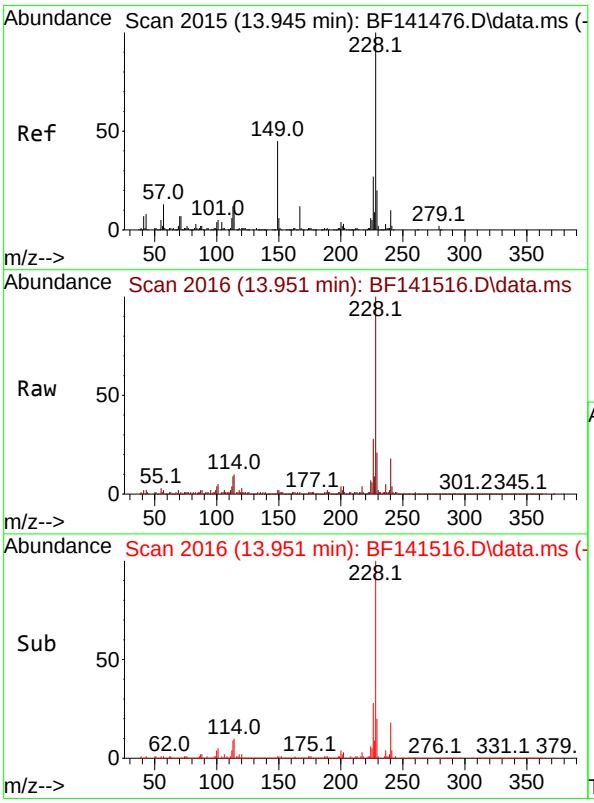
#79
Terphenyl-d14
Concen: 46.347 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion:244 Resp: 432159

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	9.8	8.4	12.6

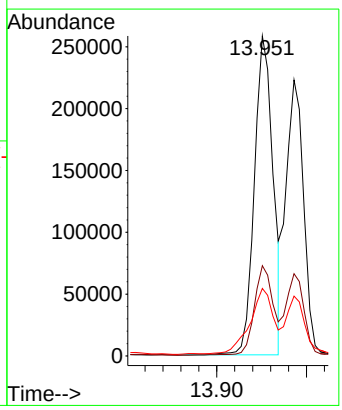


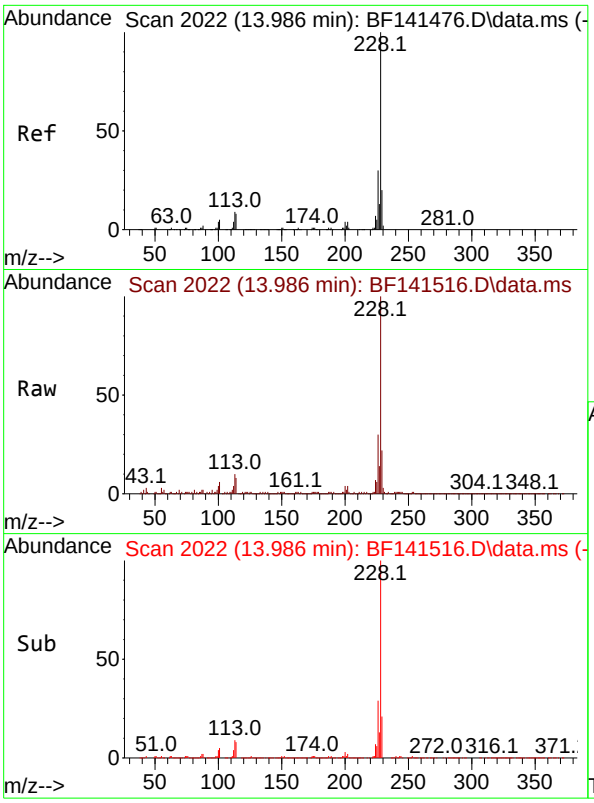


#81
Benzo(a)anthracene
Concen: 35.603 ng
RT: 13.951 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Tgt Ion:228 Resp: 372538

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.8	32.8
229	21.1	15.8	23.6



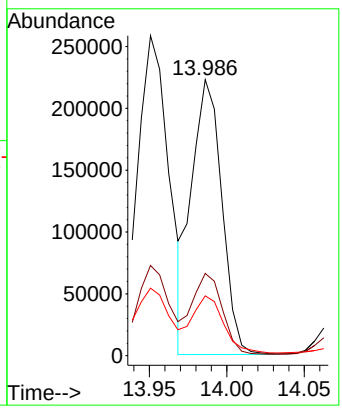


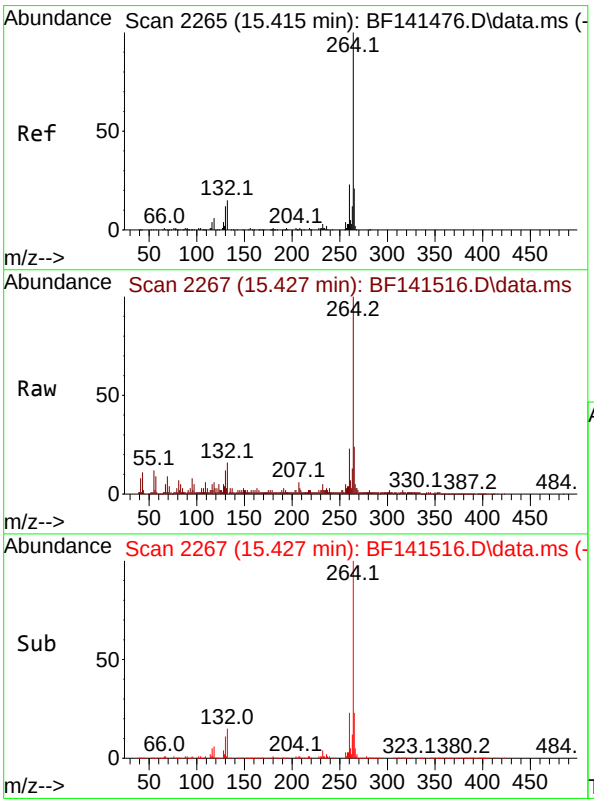
#83
Chrysene
Concen: 31.242 ng
RT: 13.986 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion:228 Resp: 301853

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	21.7	15.7	23.5

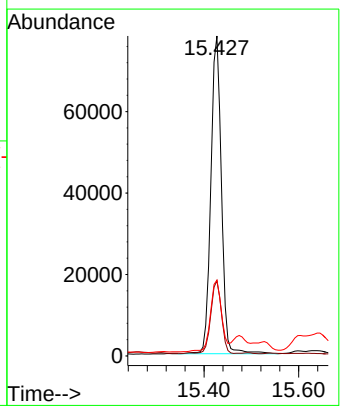


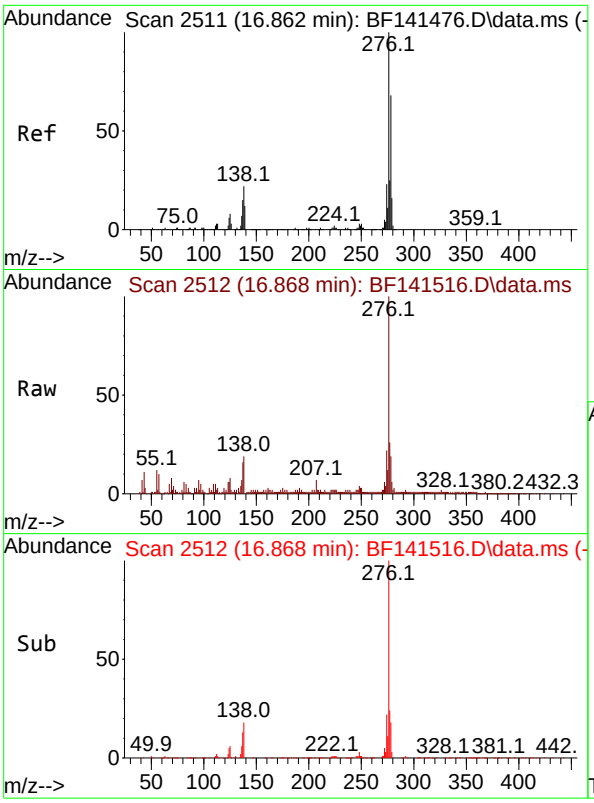


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2267
Delta R.T. 0.012 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Tgt Ion:264 Resp: 120991

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	23.7	17.0	25.4



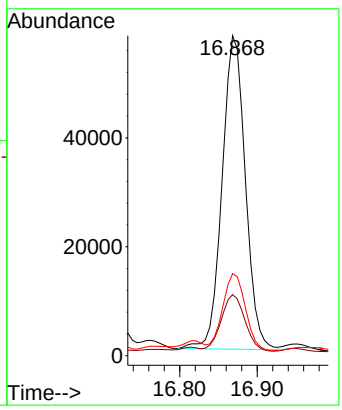


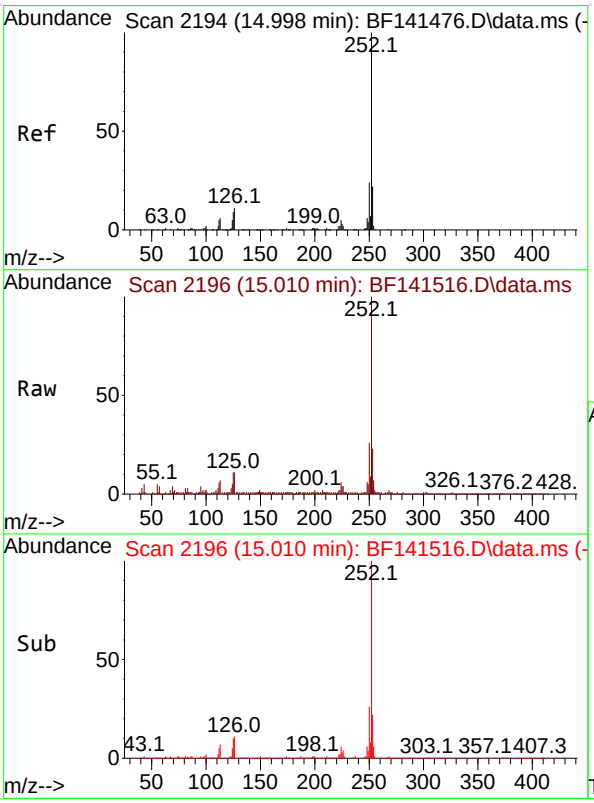
#87
Indeno(1,2,3-cd)pyrene
Concen: 16.096 ng
RT: 16.868 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion:276 Resp: 120330

Ion	Ratio	Lower	Upper
276	100		
138	19.0	18.0	27.0
277	24.1	20.4	30.6

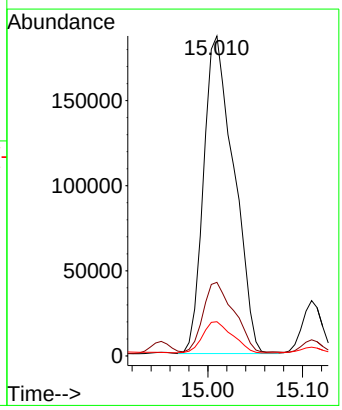


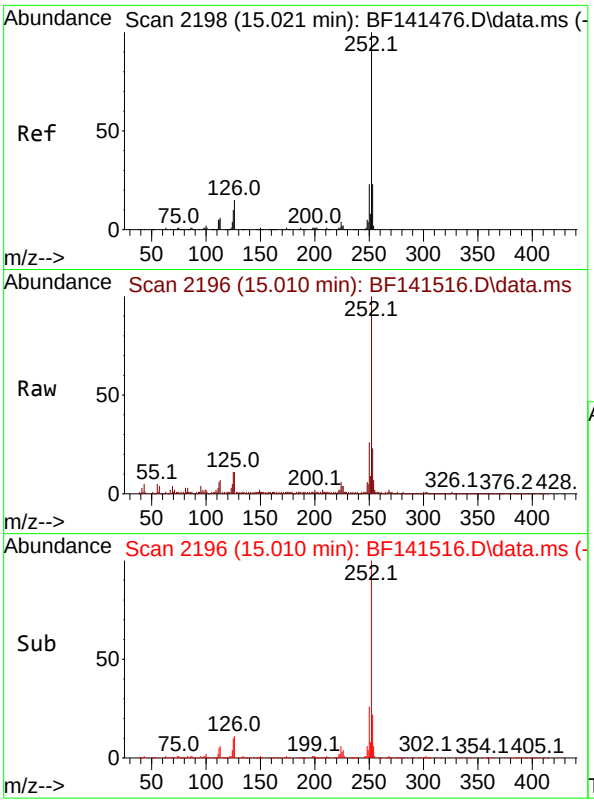


#88
Benzo(b)fluoranthene
Concen: 51.118 ng
RT: 15.010 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Tgt Ion:252 Resp: 415281

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	10.7	7.0	10.6#



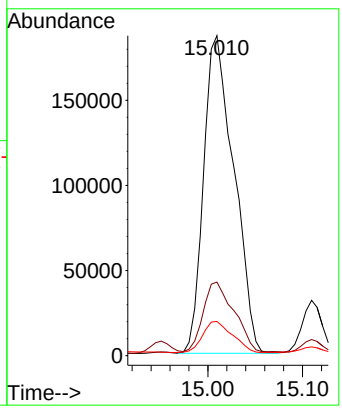


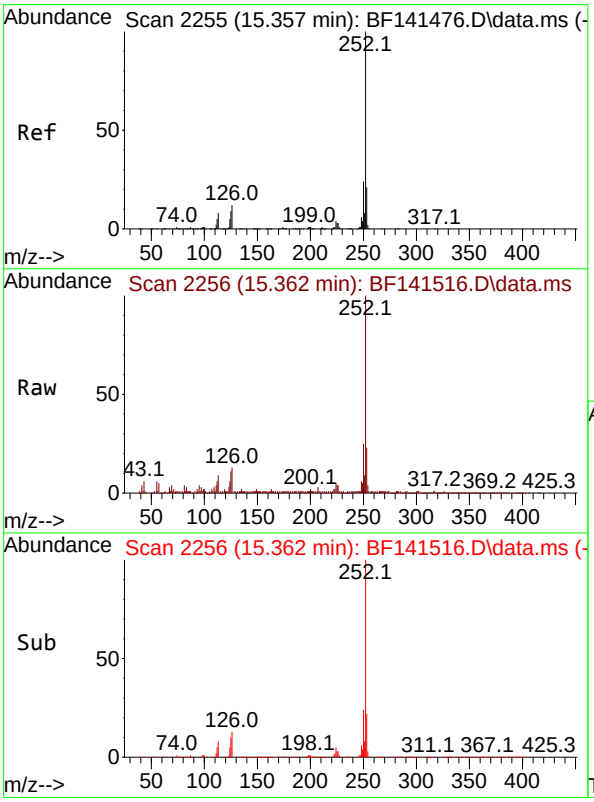
#89
Benzo(k)fluoranthene
Concen: 59.864 ng
RT: 15.010 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion:252 Resp: 415281

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	10.7	7.4	11.0

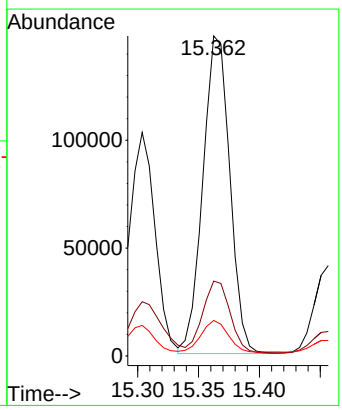


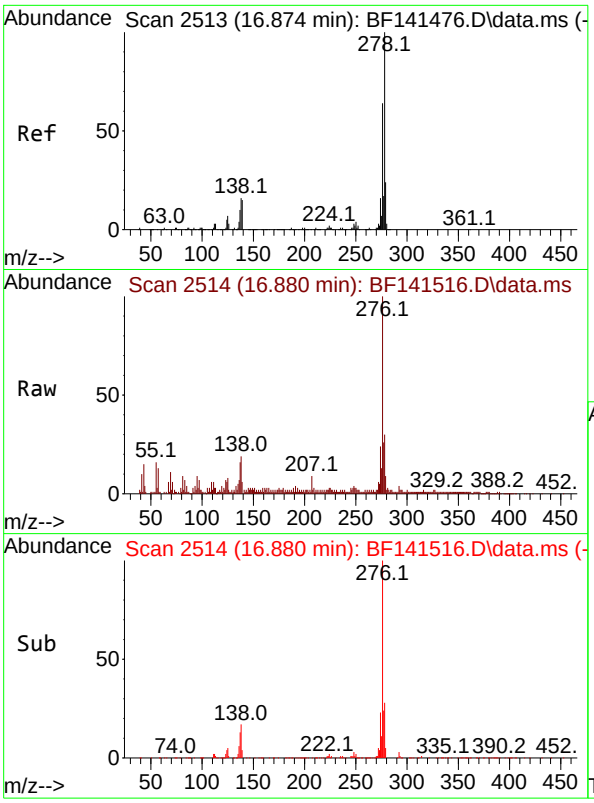


#90
Benzo(a)pyrene
Concen: 34.513 ng
RT: 15.362 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Tgt Ion:252 Resp: 226878

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	11.1	7.4	11.2



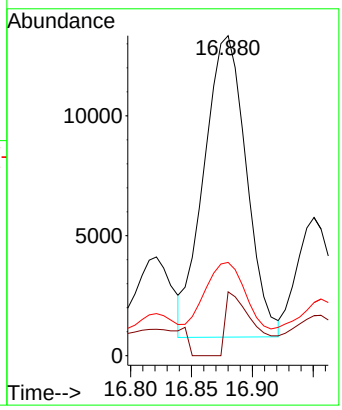


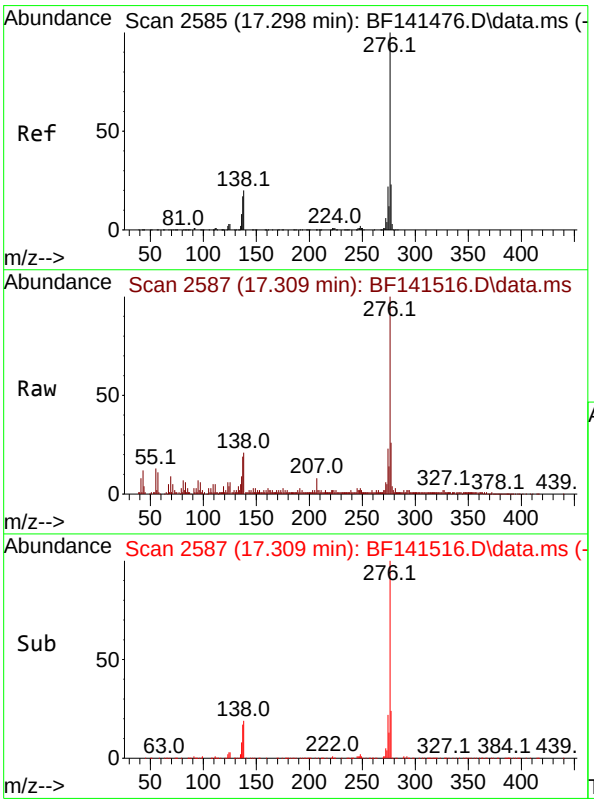
#91
Dibenzo(a,h)anthracene
Concen: 5.028 ng
RT: 16.880 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion:278 Resp: 30455

Ion	Ratio	Lower	Upper
278	100		
139	20.0	11.8	17.6#
279	29.2	19.1	28.7#





#92
Benzo(g,h,i)perylene
Concen: 18.675 ng
RT: 17.309 min Scan# 2587
Delta R.T. -0.006 min
Lab File: BF141516.D
Acq: 07 Feb 2025 19:02

Tgt Ion:276 Resp: 118385

Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.6	28.0
138	20.6	15.9	23.9