Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141525.D
Acq On : 07 Feb 2025 23:00
Operator : RC/JU
Sample : Q1241-15 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

Quant Time: Feb 08 00:33:15 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	88460	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	334845	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	160965	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	239283	20.000	ng		0.00
76) Chrysene-d12	13.974	240	139382	20.000	ng		0.01
86) Perylene-d12	15.451	264	114069	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	247692	43.898	ng		0.00
7) Phenol-d6	6.434	99	312879	43.872	ng		0.00
23) Nitrobenzene-d5	7.351	82	187463	29.201	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	55426	34.278	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	340669	32.606	ng		0.00
79) Terphenyl-d14	12.904	244	266854	32.321	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	25823	6.053	ng	#	77
25) Isophorone	7.351	82	178607	17.449	ng	#	66
50) Dimethylphthalate	9.828	163	22694	2.077	ng	#	1
51) 2,6-Dinitrotoluene	9.828	165	22077	9.242	ng	#	23
52) Acenaphthene	9.863	154	58352	6.324	ng		98
55) Dibenzofuran	10.033	168	38184	2.819	ng	#	97
58) Fluorene	10.375	166	54478	5.202	ng	#	99
63) Azobenzene	10.539	77	23368	2.186	ng	#	1
71) Phenanthrene	11.345	178	991499	75.276	ng		99
72) Anthracene	11.398	178	332071	25.080	ng		100
73) Carbazole	11.551	167	25750	2.161	ng	#	92
75) Fluoranthene	12.545	202	1927136	138.004	ng		99
78) Pyrene	12.774	202	1759024	148.251	ng		99
81) Benzo(a)anthracene	13.963	228	750173	80.967	ng		97
83) Chrysene	13.998	228	589064	68.856	ng		97
84) Bis(2-ethylhexyl)phtha...	13.951	149	11998	2.588	ng	#	95
87) Indeno(1,2,3-cd)pyrene	16.904	276	263652	37.407	ng		96
88) Benzo(b)fluoranthene	15.033	252	925111	120.785	ng	#	97
89) Benzo(k)fluoranthene	15.033	252	925111	141.449	ng		98
90) Benzo(a)pyrene	15.392	252	515107	83.114	ng		96
91) Dibenzo(a,h)anthracene	16.909	278	65113	11.401	ng	#	88
92) Benzo(g,h,i)perylene	17.345	276	250508	41.916	ng		98

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

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Misc :
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BNA_F
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JPP-5.4-013025

Quant Time: Feb 08 00:33:15 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
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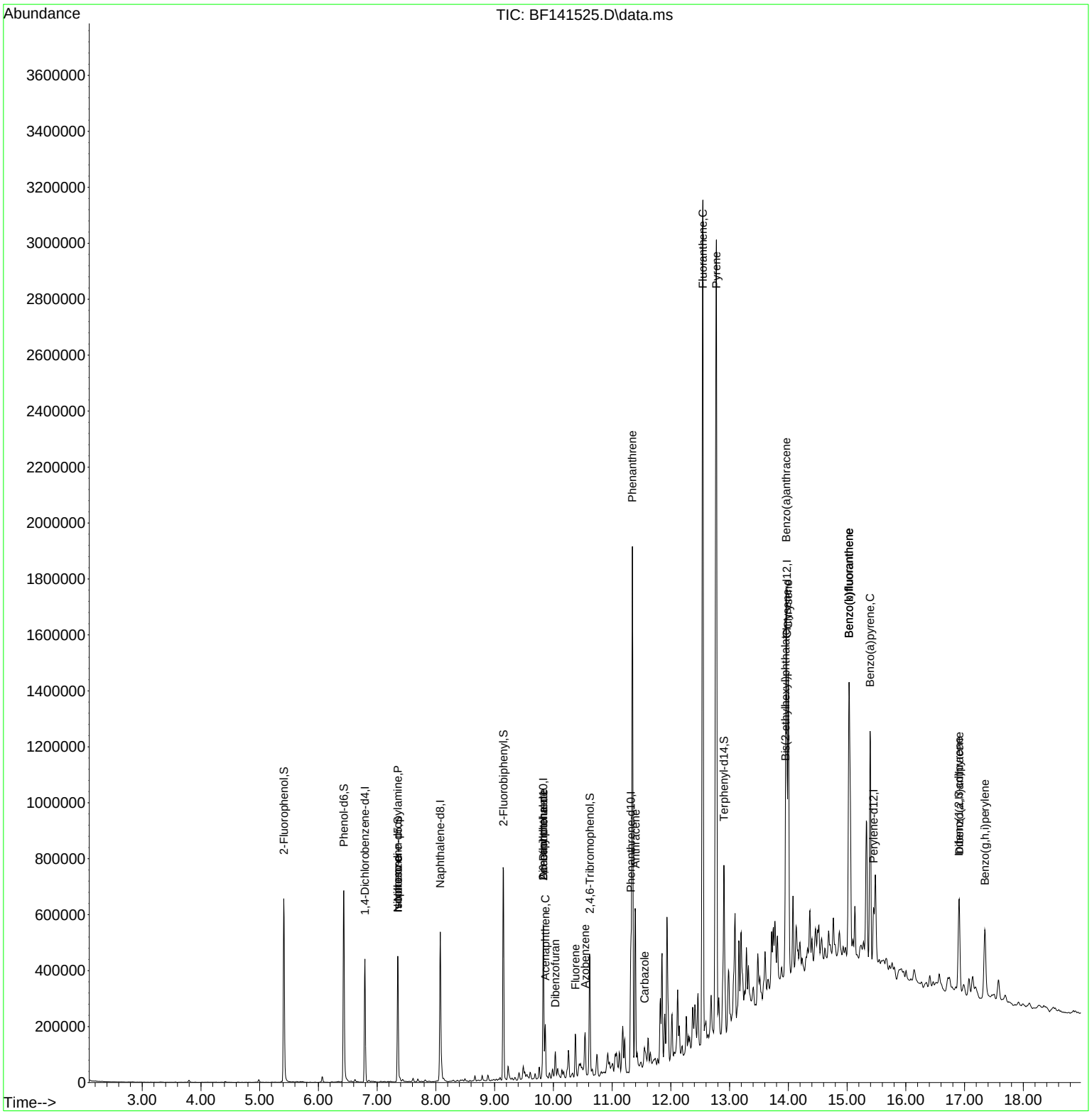
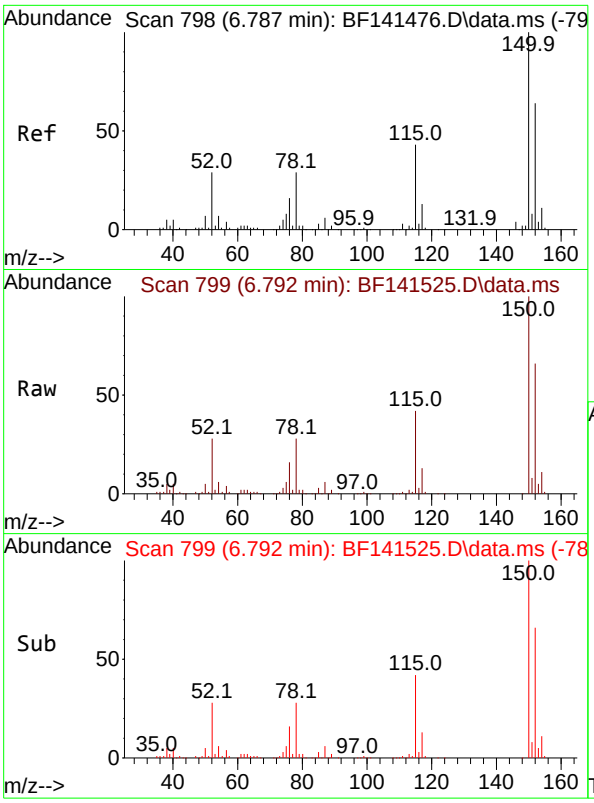


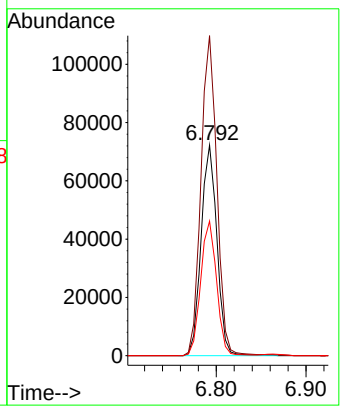


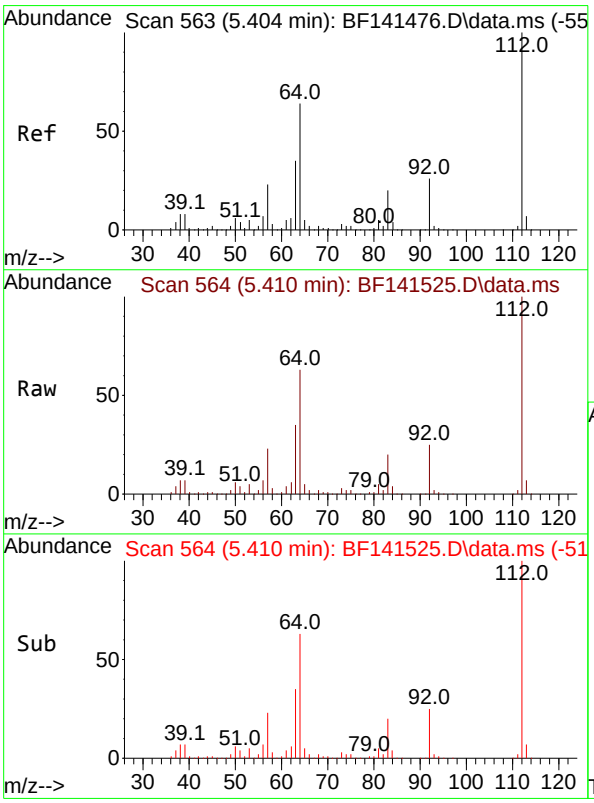
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

Tgt Ion:152 Resp: 88460

Ion	Ratio	Lower	Upper
152	100		
150	152.0	125.0	187.4
115	63.9	53.6	80.4

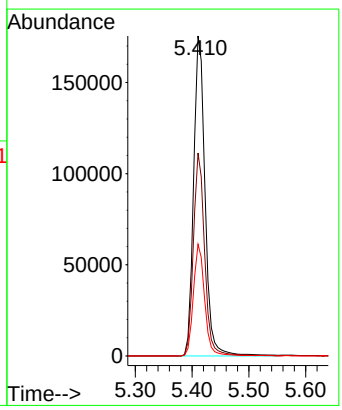


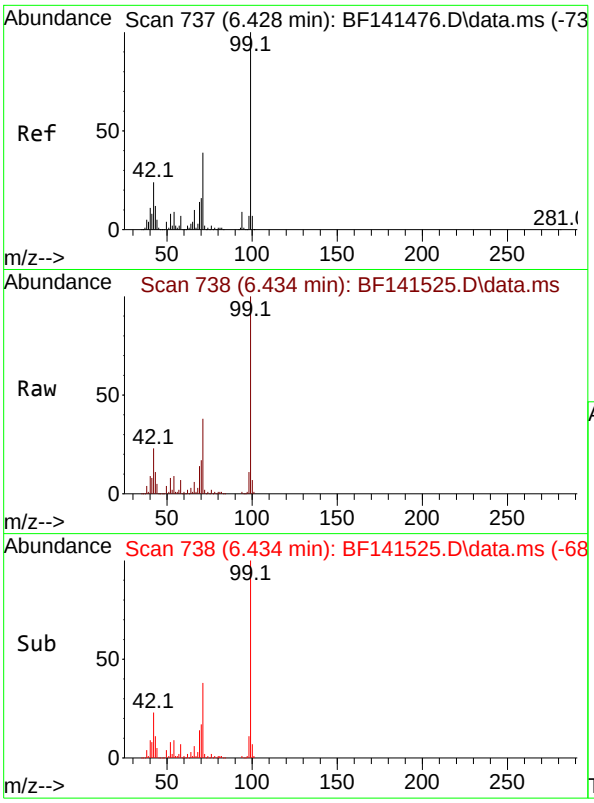


#5
2-Fluorophenol
Concen: 43.898 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Tgt Ion:112 Resp: 247692

Ion	Ratio	Lower	Upper
112	100		
64	63.4	51.1	76.7
63	34.9	28.4	42.6



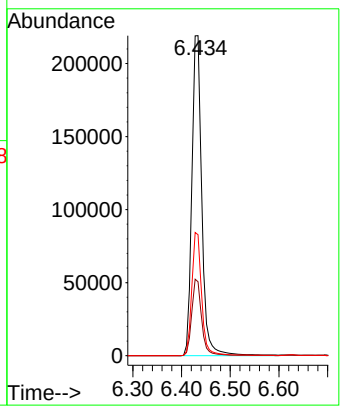


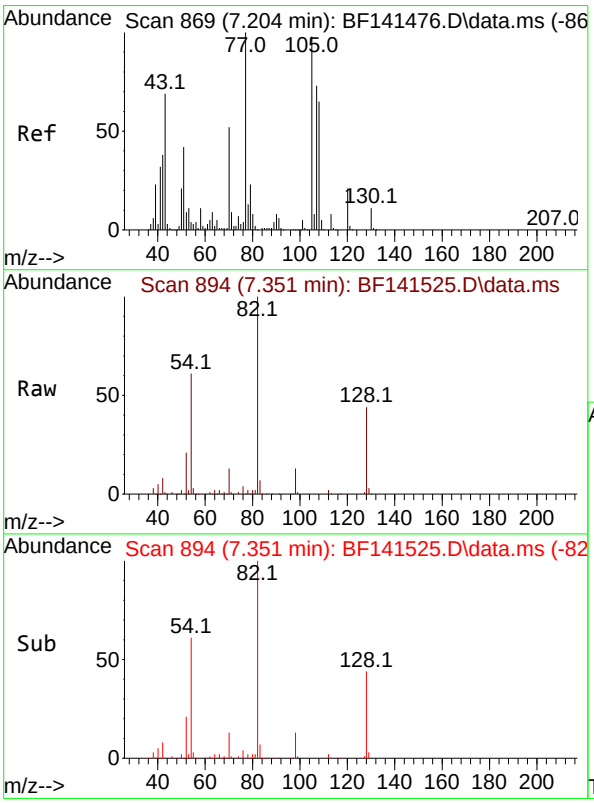
#7
Phenol-d6
Concen: 43.872 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

Tgt Ion: 99 Resp: 312879

Ion	Ratio	Lower	Upper
99	100		
42	23.1	19.1	28.7
71	37.8	31.1	46.7

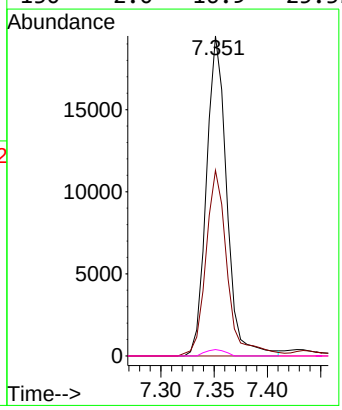


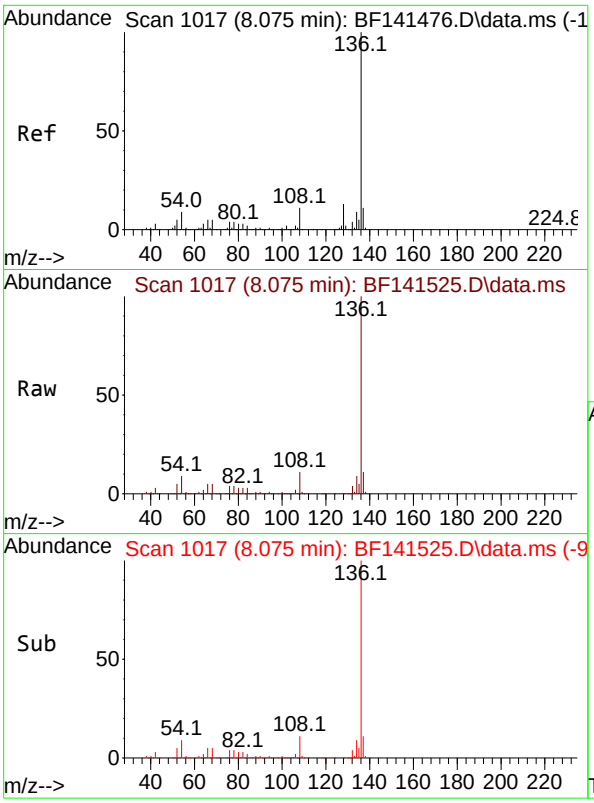


#19
n-Nitroso-di-n-propylamine
Concen: 6.053 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Tgt Ion: 70 Resp: 25823

Ion	Ratio	Lower	Upper
70	100		
42	58.0	57.4	86.2
101	0.0	8.0	12.0#
130	2.0	16.9	25.3#



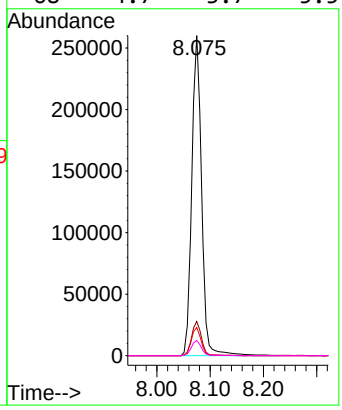


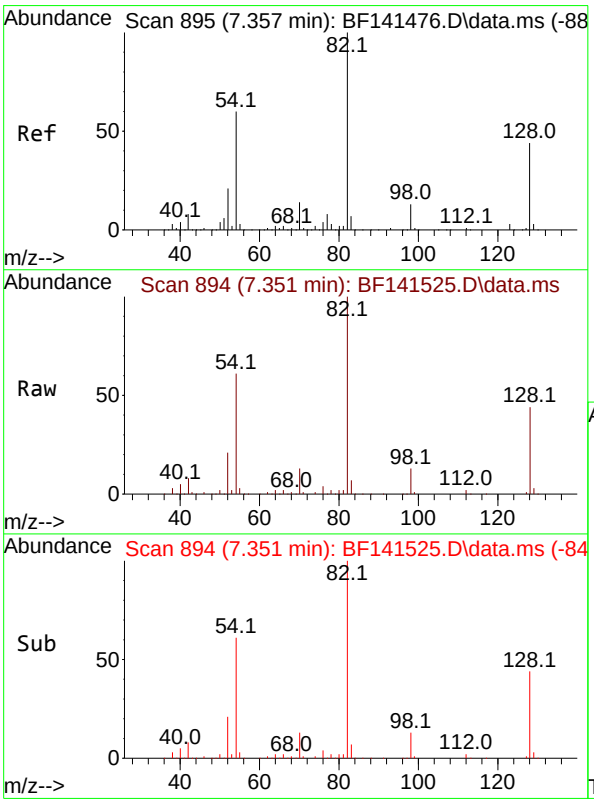
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

Tgt Ion:136 Resp: 334845

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.8	7.2	10.8
68	4.7	3.7	5.5

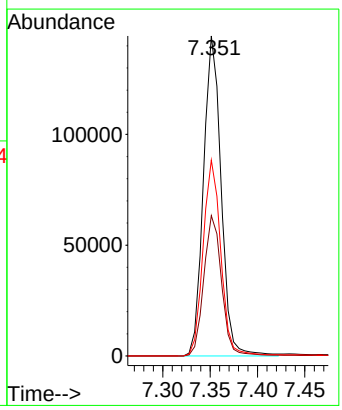


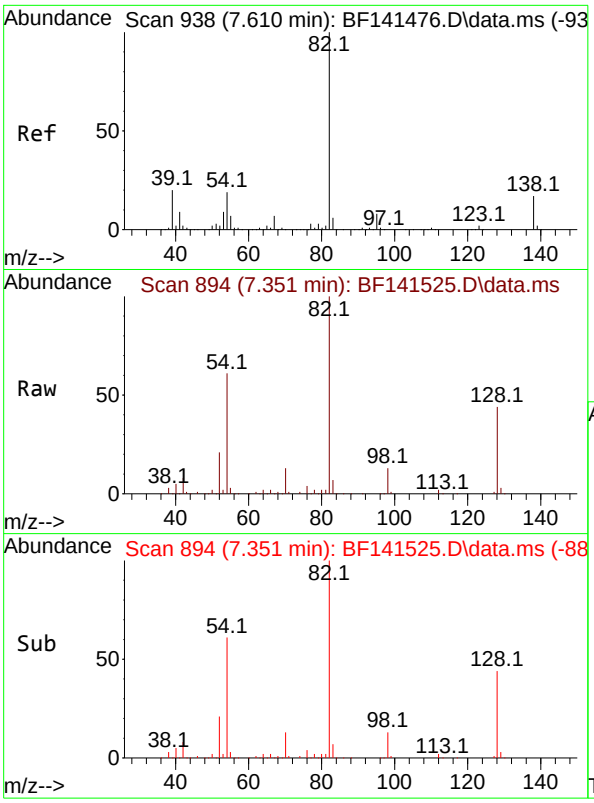


#23
Nitrobenzene-d5
Concen: 29.201 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Tgt Ion: 82 Resp: 187463

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.8	52.2
54	61.2	48.2	72.4



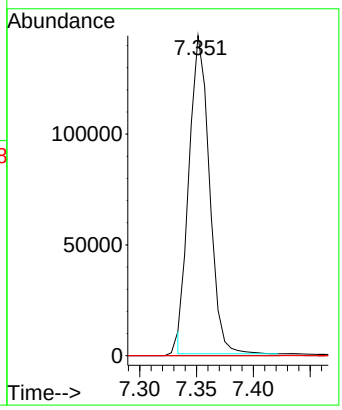


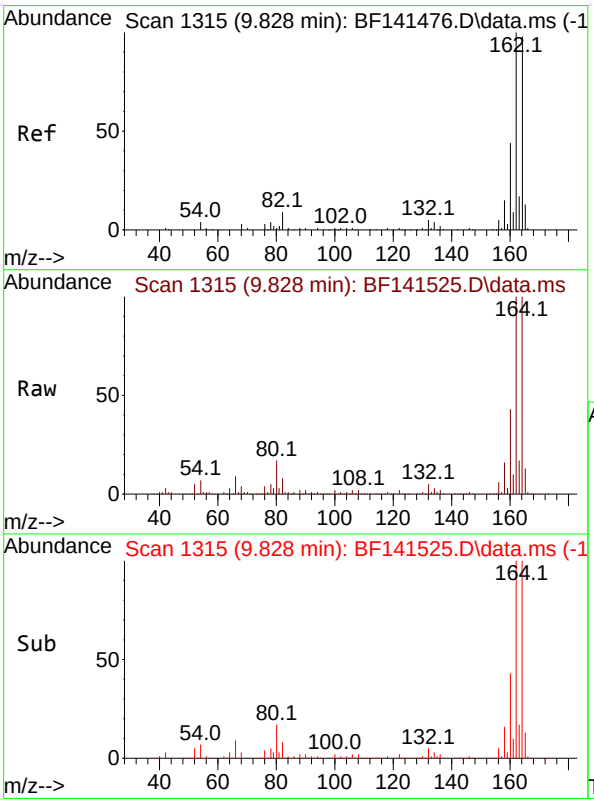
#25
Isophorone
Concen: 17.449 ng
RT: 7.351 min Scan# 8
Delta R.T. -0.270 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

Tgt Ion: 82 Resp: 178607

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

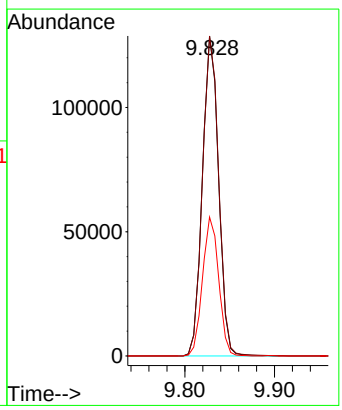


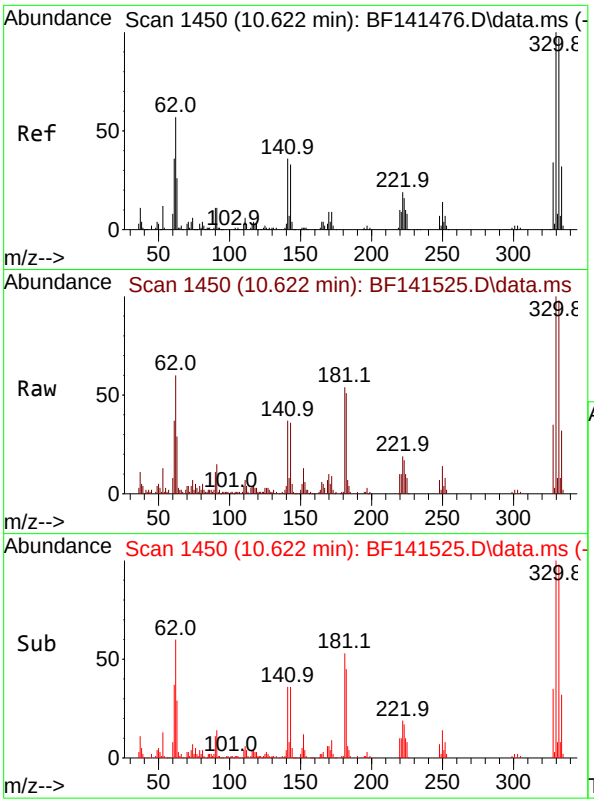


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Tgt Ion:164 Resp: 160965

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.3	121.9
160	43.4	35.9	53.9



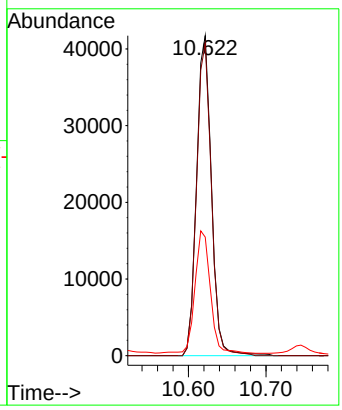


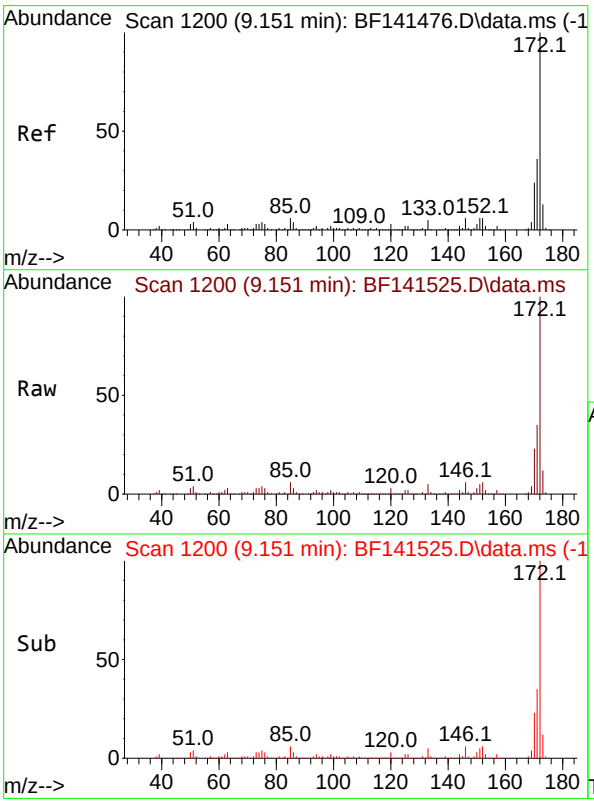
#42
2,4,6-Tribromophenol
Concen: 34.278 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

Tgt Ion:330 Resp: 55426

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.5	117.7
141	40.0	31.0	46.4

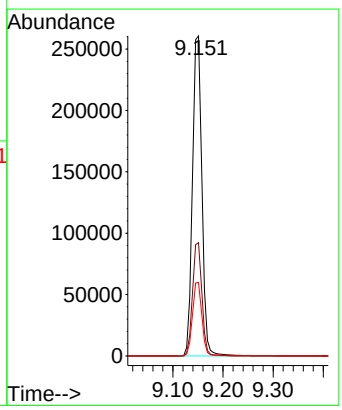


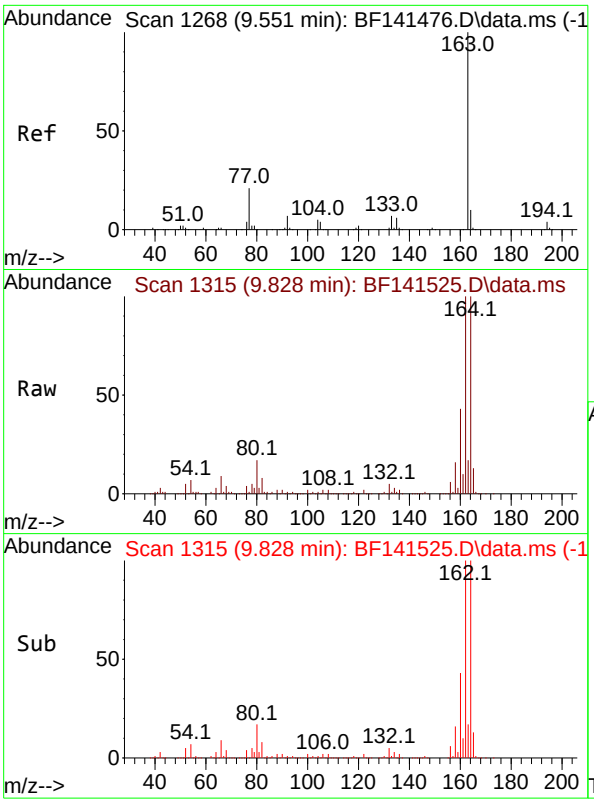


#45
2-Fluorobiphenyl
Concen: 32.606 ng
RT: 9.151 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Tgt Ion:172 Resp: 340669

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.7	43.1
170	23.0	18.9	28.3



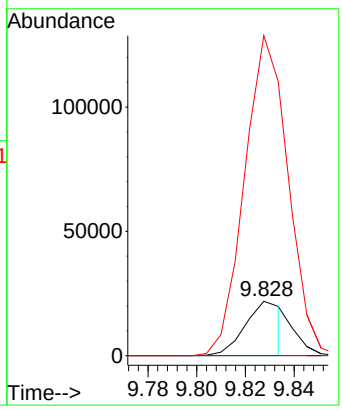


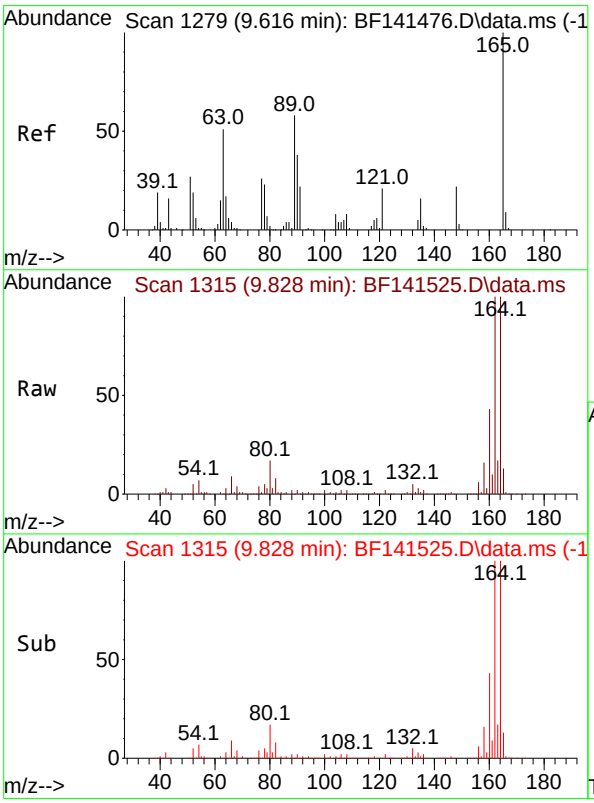
#50
Dimethylphthalate
Concen: 2.077 ng
RT: 9.828 min Scan# 1
Delta R.T. 0.265 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

Tgt Ion:163 Resp: 22694

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.4#
164	588.2	7.9	11.9#

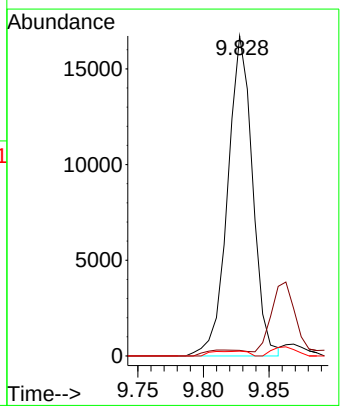


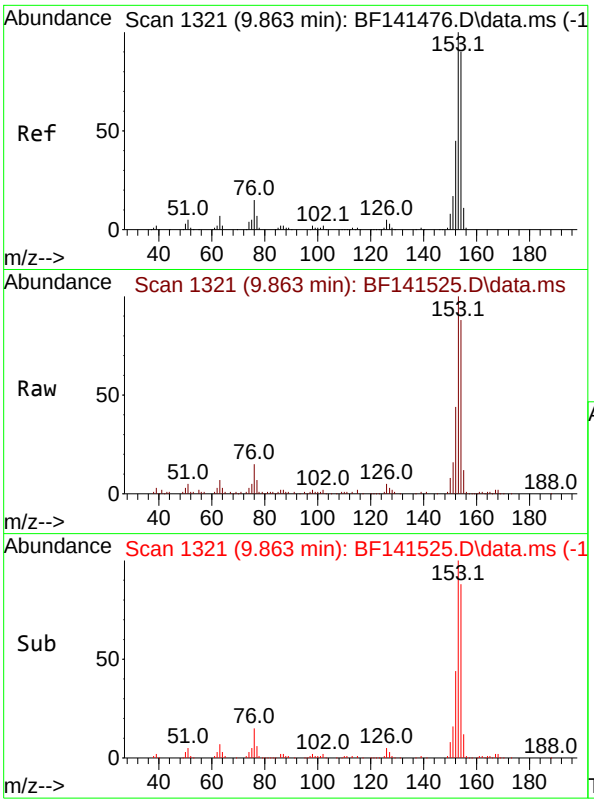


#51
2,6-Dinitrotoluene
Concen: 9.242 ng
RT: 9.828 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Tgt Ion:165 Resp: 22077

Ion	Ratio	Lower	Upper
165	100		
63	1.7	49.4	74.0#
89	1.5	46.5	69.7#



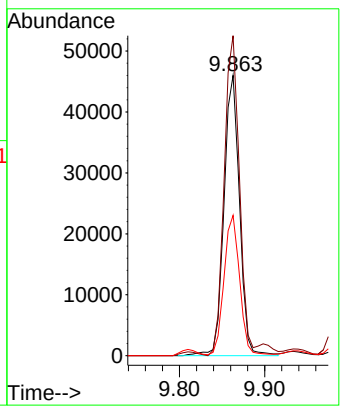


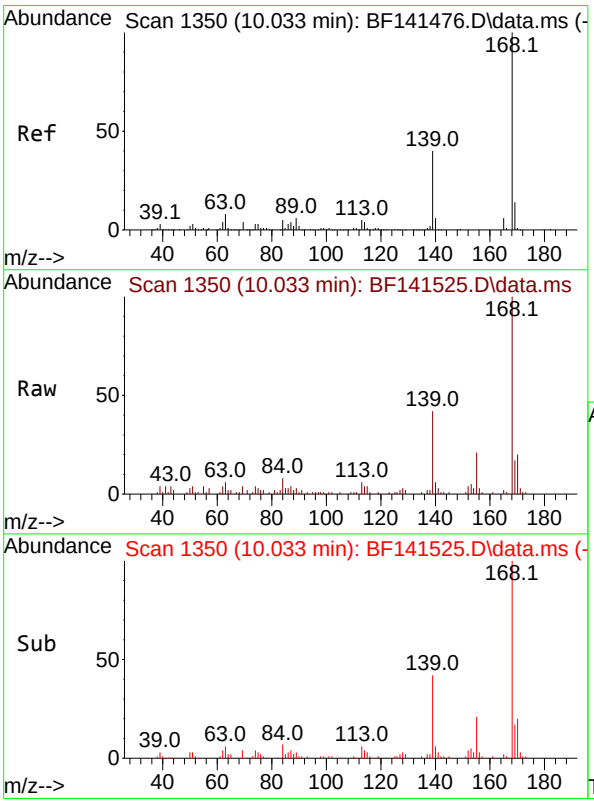
#52
Acenaphthene
Concen: 6.324 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

Tgt Ion:154 Resp: 58352

Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.2	133.8
152	50.0	39.8	59.8

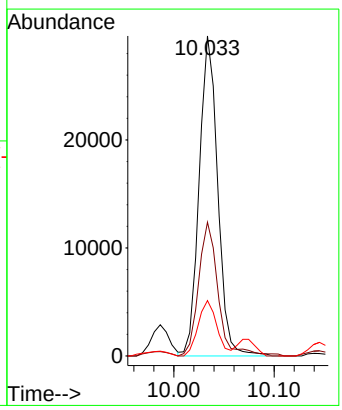


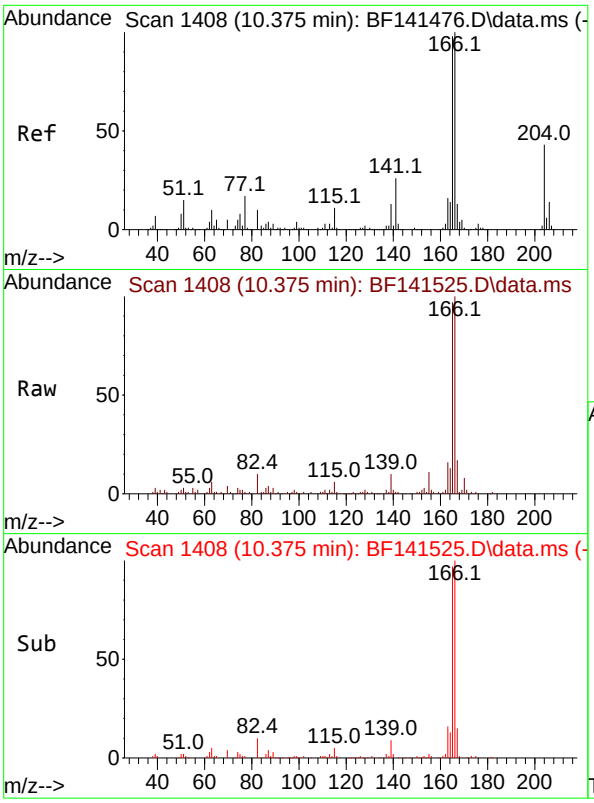


#55
Dibenzofuran
Concen: 2.819 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Tgt Ion:168 Resp: 38184

Ion	Ratio	Lower	Upper
168	100		
139	41.8	32.7	49.1
169	17.3	10.8	16.2#



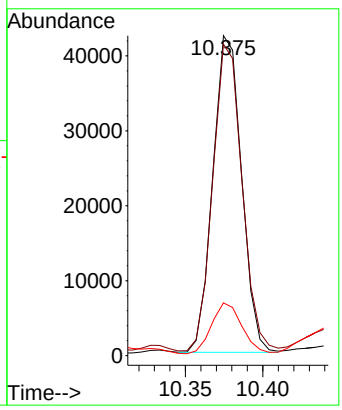


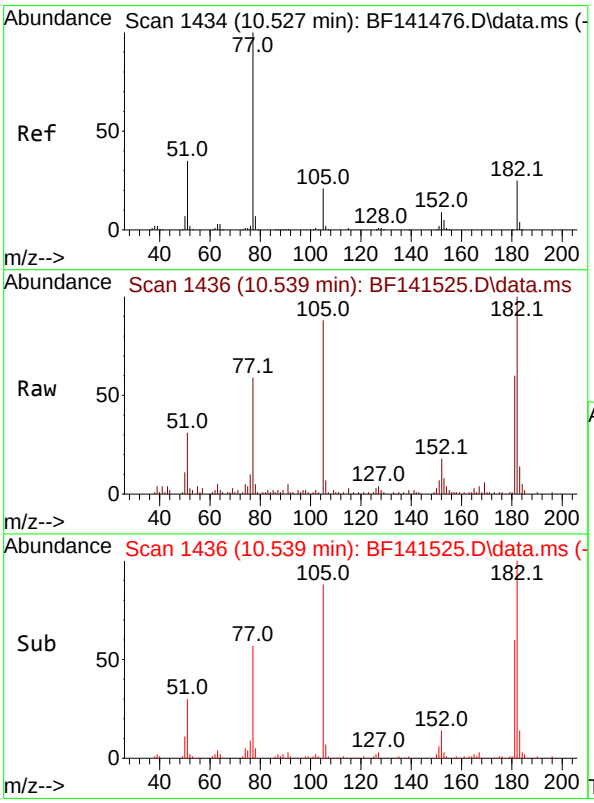
#58
Fluorene
Concen: 5.202 ng
RT: 10.375 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

Tgt Ion:166 Resp: 54478

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.2	117.2
167	16.5	10.7	16.1#

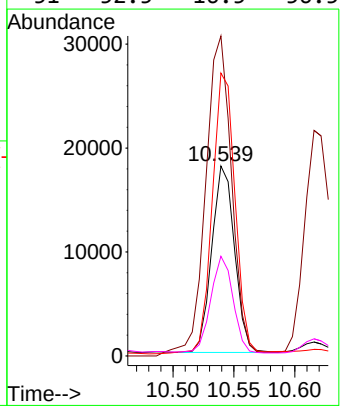


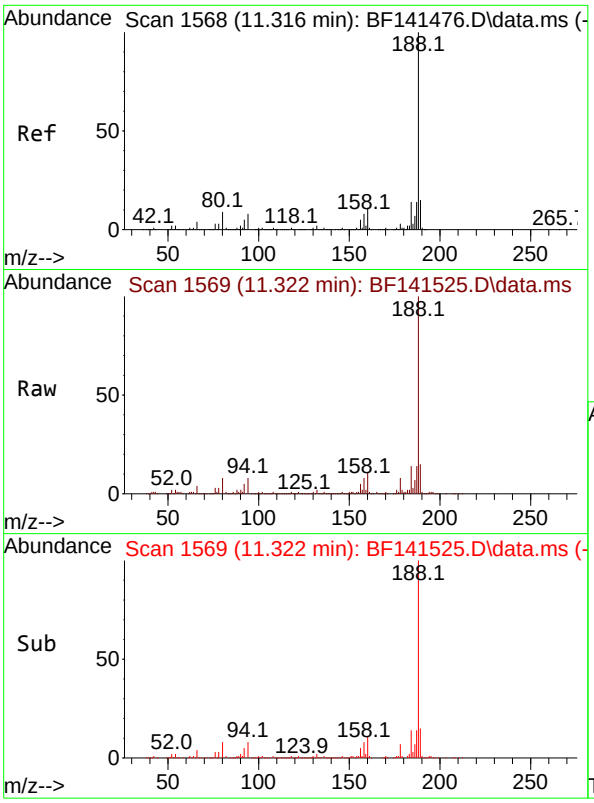


#63
Azobenzene
Concen: 2.186 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Tgt Ion: 77 Resp: 23368

Ion	Ratio	Lower	Upper
77	100		
182	168.6	4.7	44.7#
105	149.0	0.4	40.4#
51	52.5	16.5	56.5



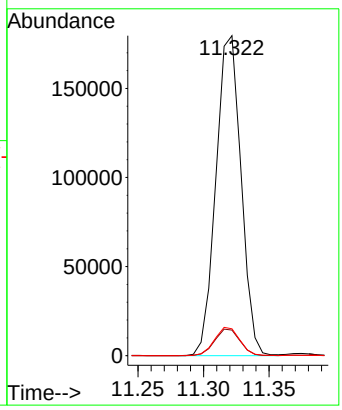


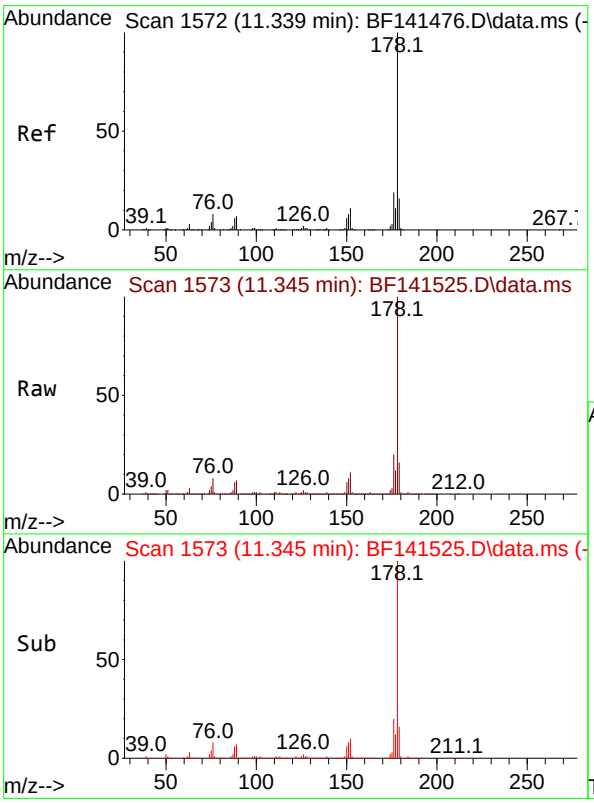
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

Tgt Ion:188 Resp: 239283

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.6	10.0
80	8.4	7.3	10.9

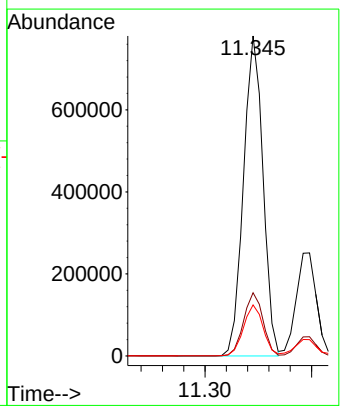


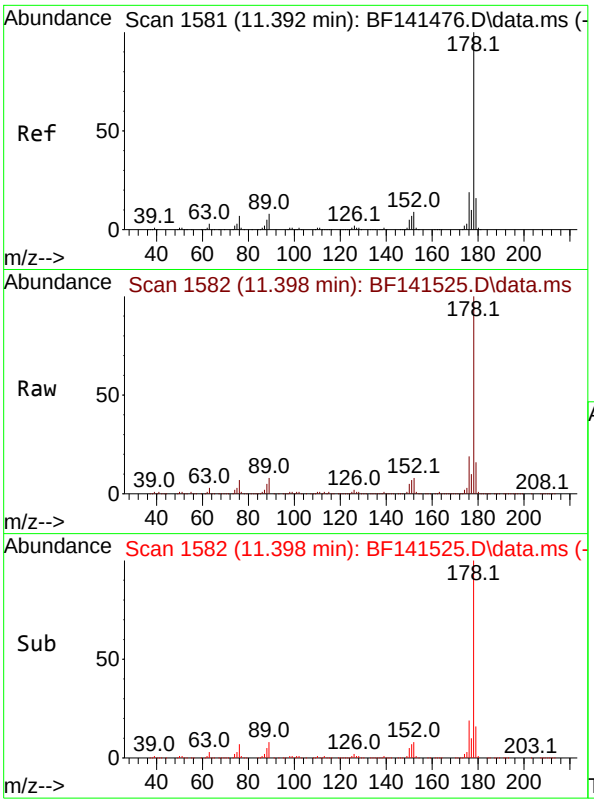


#71
Phenanthrene
Concen: 75.276 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Tgt Ion:178 Resp: 991499

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.0
179	15.9	12.4	18.6



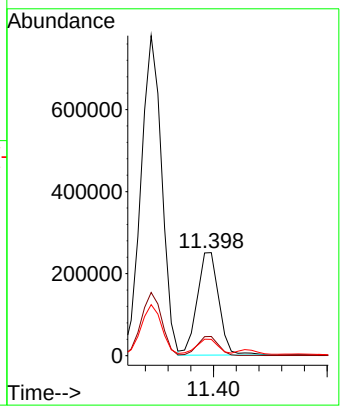


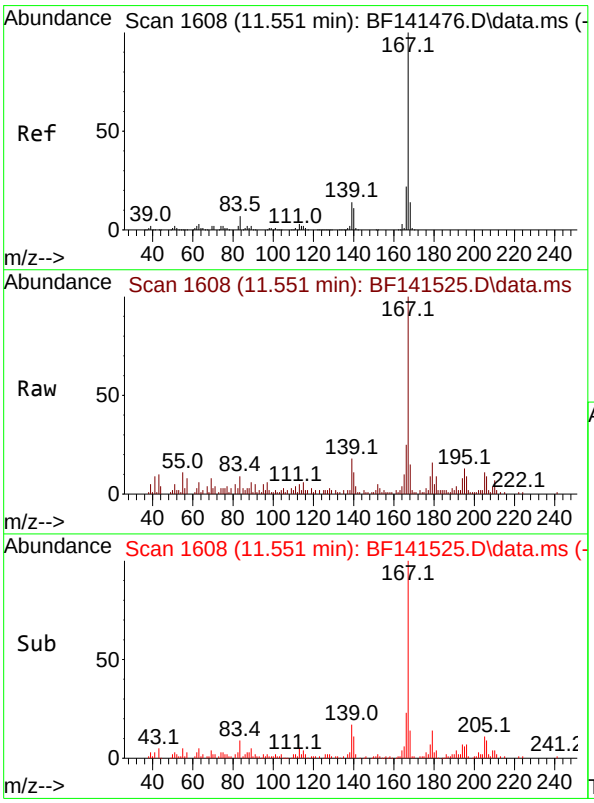
#72
Anthracene
Concen: 25.080 ng
RT: 11.398 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

Tgt Ion:178 Resp: 332071

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.8	12.4	18.6

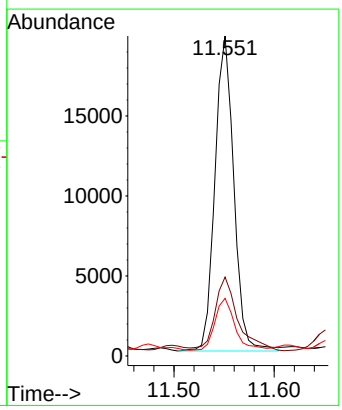


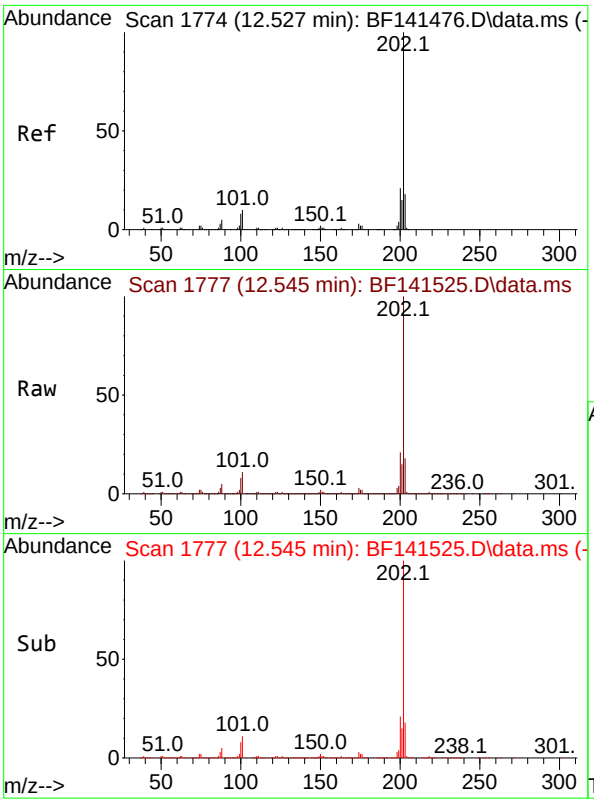


#73
Carbazole
Concen: 2.161 ng
RT: 11.551 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Tgt Ion:167 Resp: 25750

Ion	Ratio	Lower	Upper
167	100		
166	24.6	17.4	26.2
139	18.0	10.9	16.3#



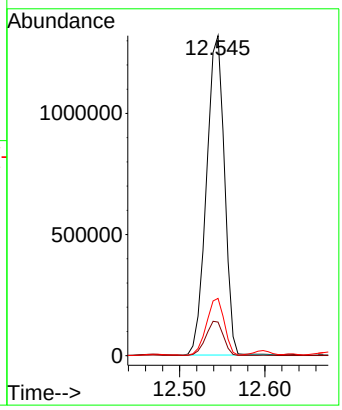


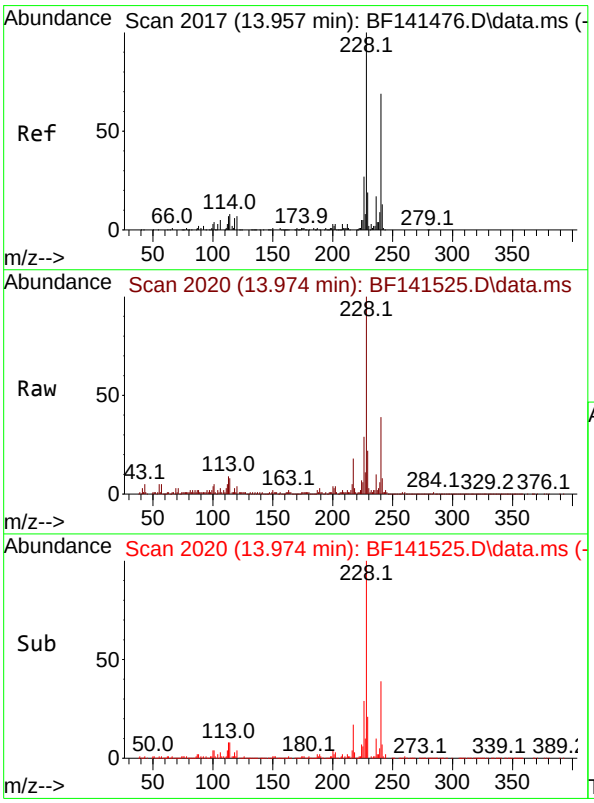
#75
Fluoranthene
Concen: 138.004 ng
RT: 12.545 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

Tgt Ion:202 Resp: 1927136

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.2
203	17.9	0.0	37.6

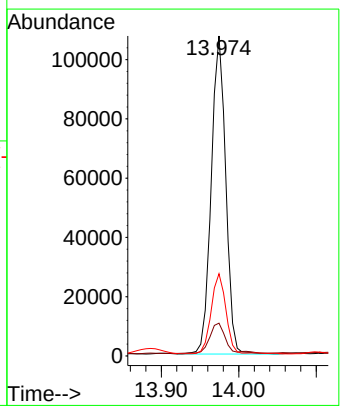


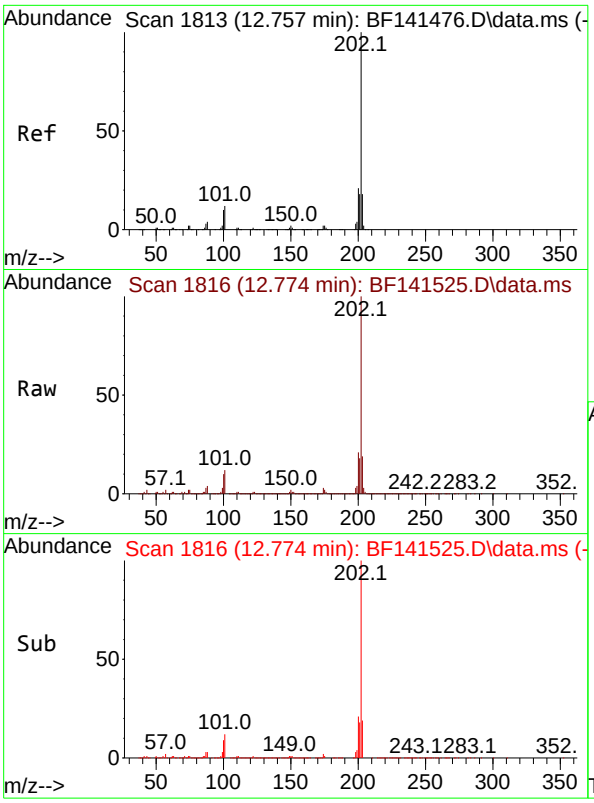


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.012 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Tgt Ion:240 Resp: 139382

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.0	12.0
236	25.7	19.8	29.8



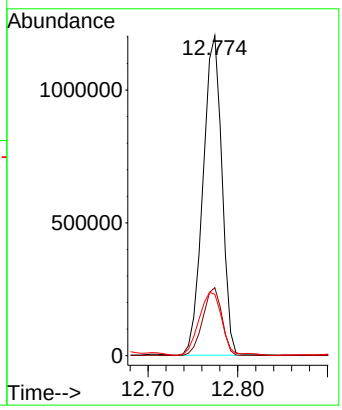


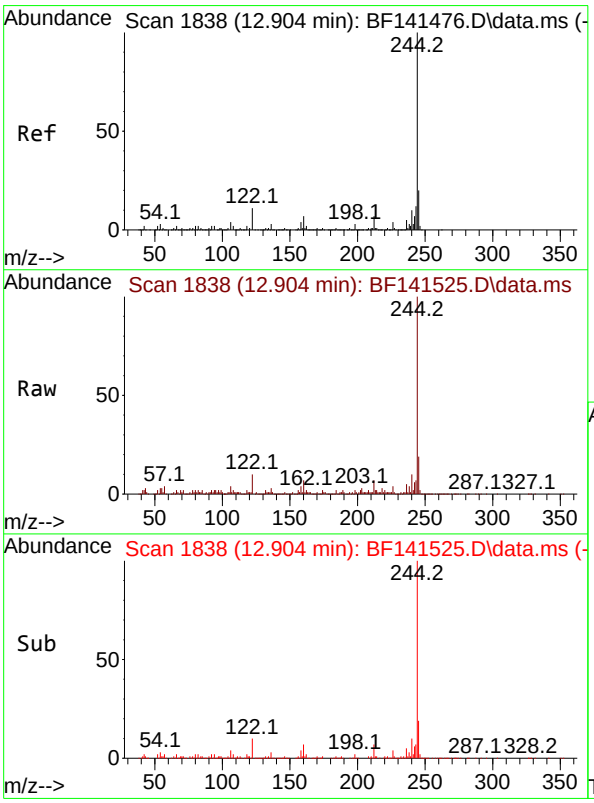
#78
Pyrene
Concen: 148.251 ng
RT: 12.774 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

Tgt Ion:202 Resp: 1759024

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	19.2	14.3	21.5

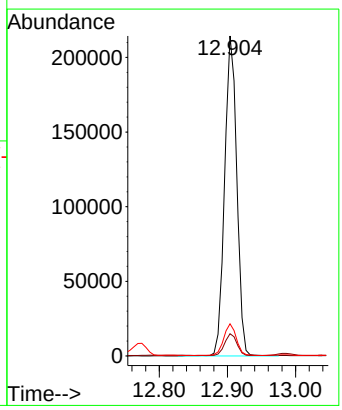


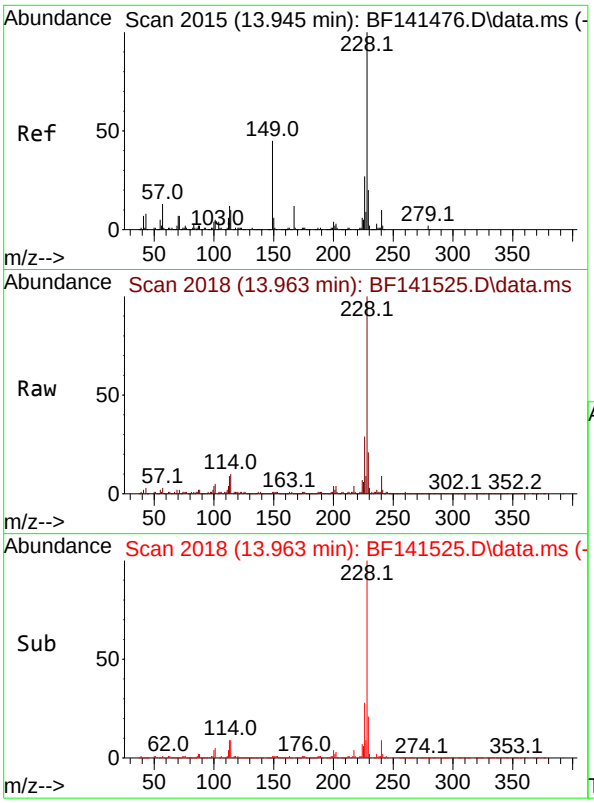


#79
Terphenyl-d14
Concen: 32.321 ng
RT: 12.904 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Tgt Ion:244 Resp: 266854

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.0	8.4	12.6



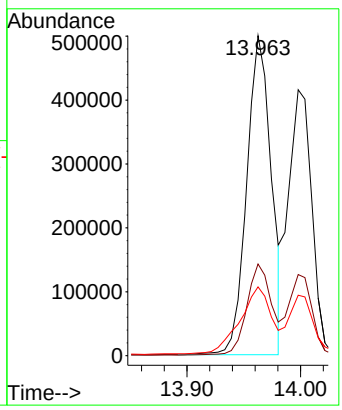


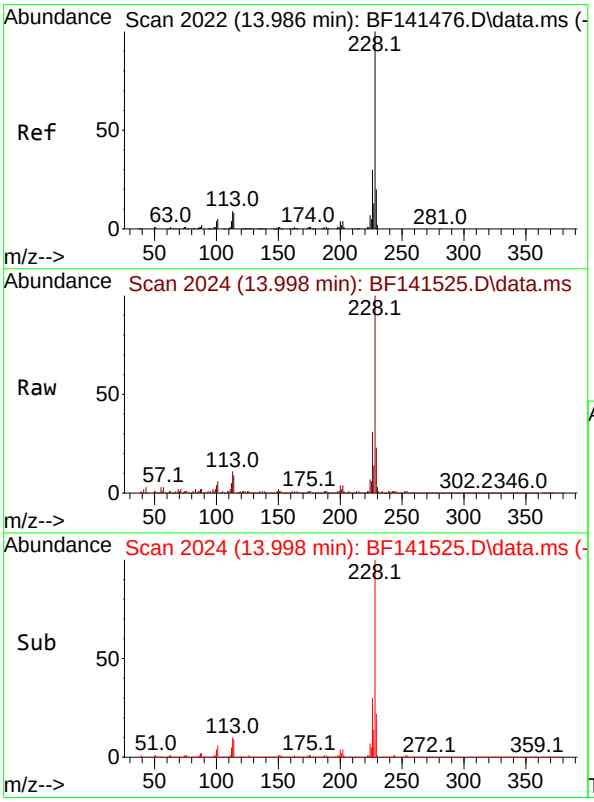
#81
Benzo(a)anthracene
Concen: 80.967 ng
RT: 13.963 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

Tgt Ion:228 Resp: 750173

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.8	32.8
229	21.5	15.8	23.6

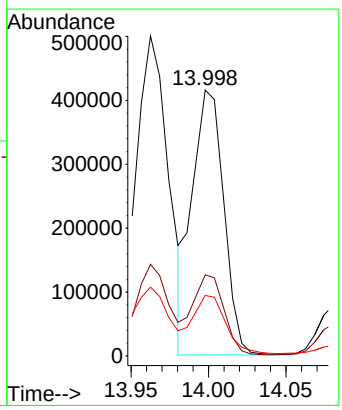


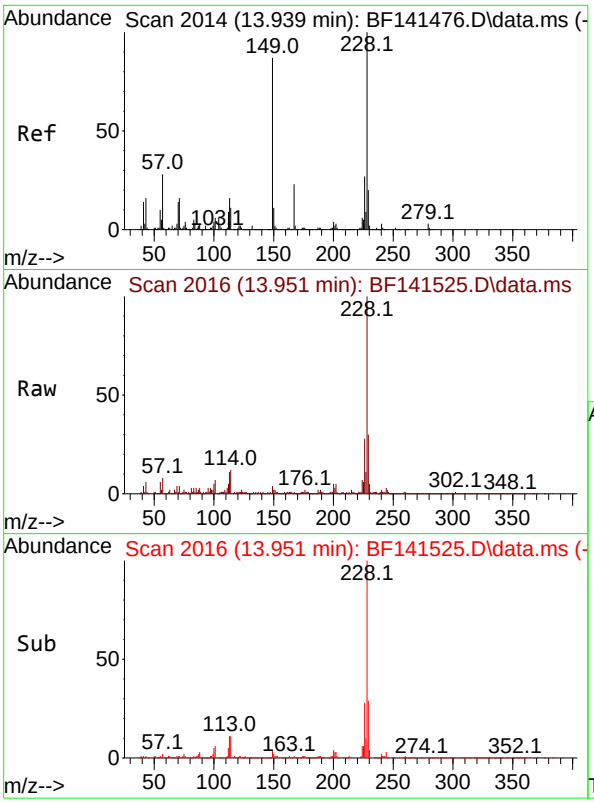


#83
Chrysene
Concen: 68.856 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Tgt Ion:228 Resp: 589064

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	22.7	15.7	23.5



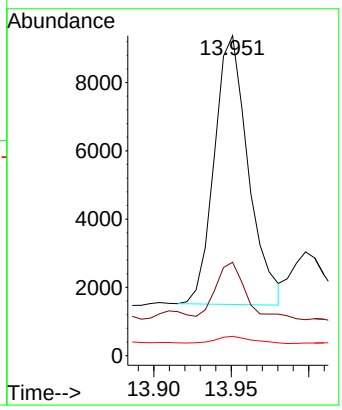


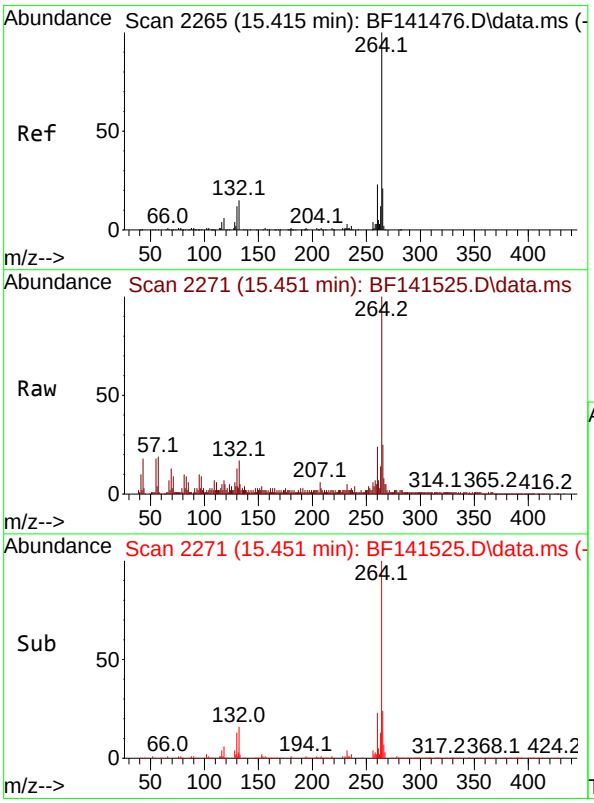
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.588 ng
RT: 13.951 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

Tgt Ion:149 Resp: 11998

Ion	Ratio	Lower	Upper
149	100		
167	29.2	21.4	32.0
279	6.0	3.1	4.7#

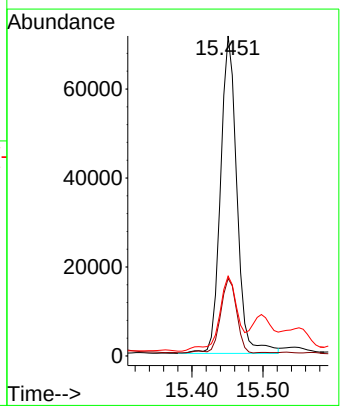


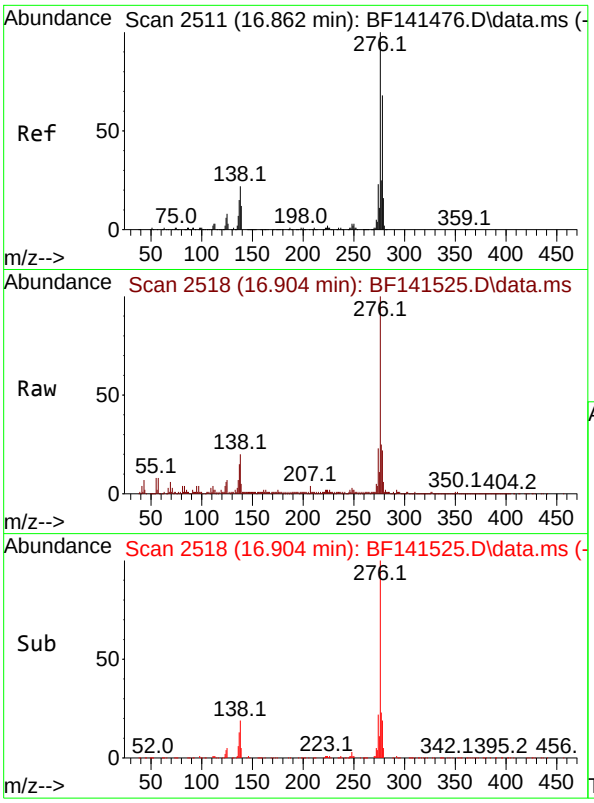


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.035 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Tgt Ion:264 Resp: 114069

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	28.0
265	25.0	17.0	25.4



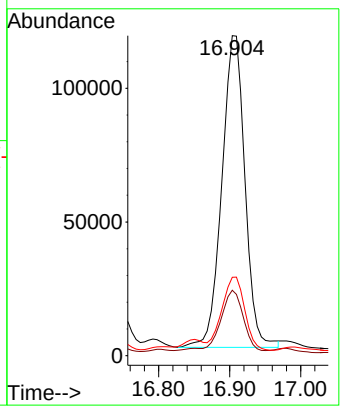


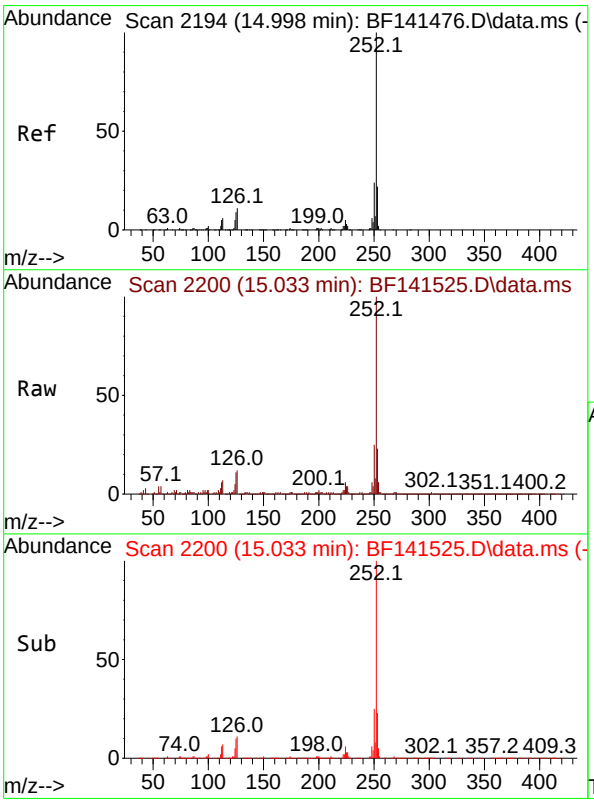
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.407 ng
RT: 16.904 min Scan# 2
Delta R.T. 0.030 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

Tgt Ion:276 Resp: 263652

Ion	Ratio	Lower	Upper
276	100		
138	21.4	18.0	27.0
277	23.2	20.4	30.6

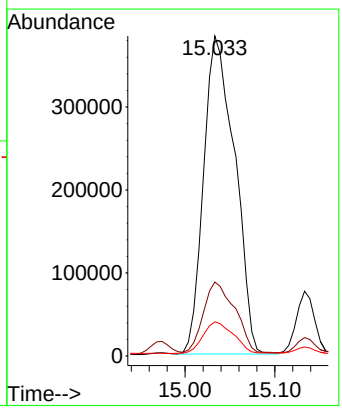


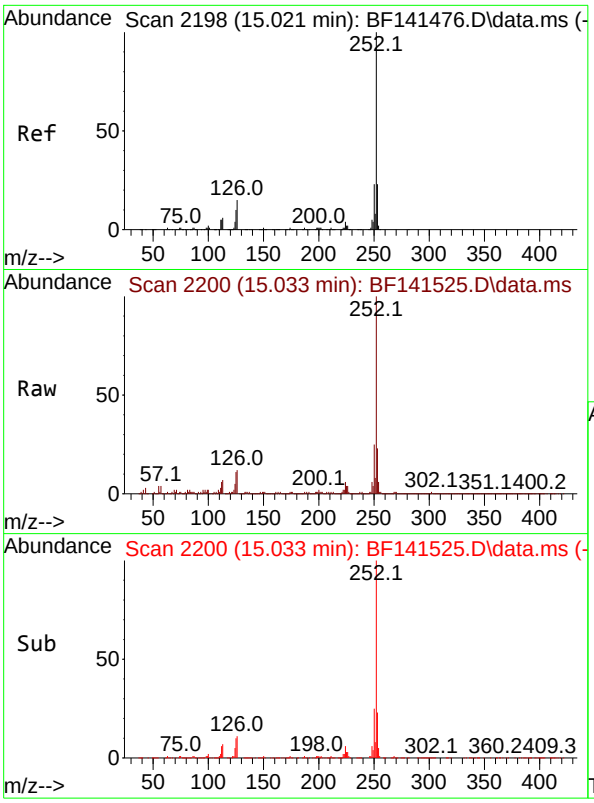


#88
Benzo(b)fluoranthene
Concen: 120.785 ng
RT: 15.033 min Scan# 2200
Delta R.T. 0.030 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Tgt Ion:252 Resp: 925111

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	10.6	7.0	10.6#



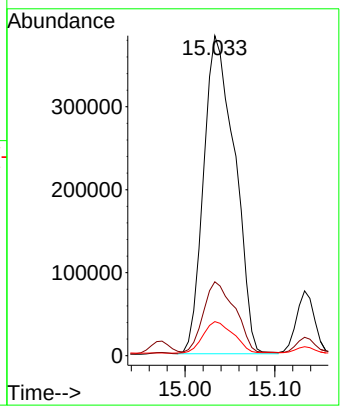


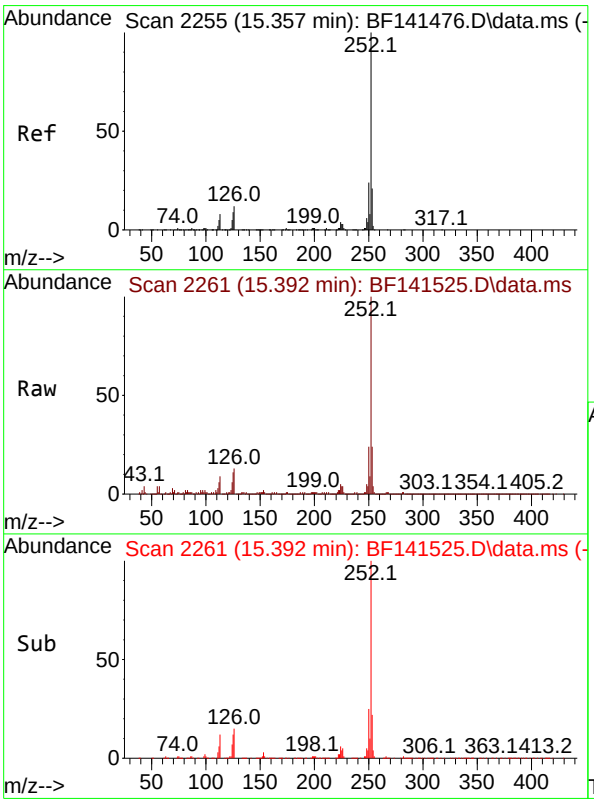
#89
Benzo(k)fluoranthene
Concen: 141.449 ng
RT: 15.033 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

Tgt Ion:252 Resp: 925111

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	10.6	7.4	11.0

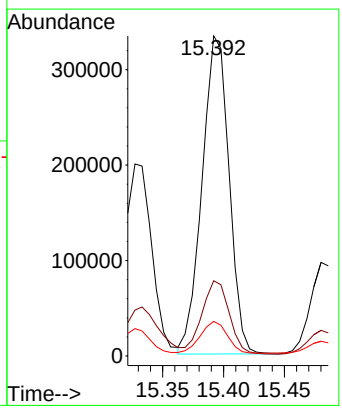


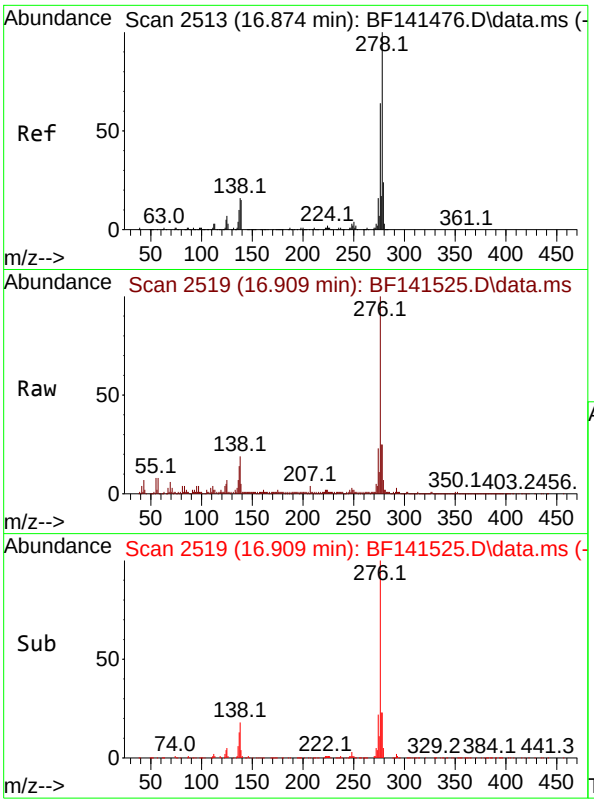


#90
Benzo(a)pyrene
Concen: 83.114 ng
RT: 15.392 min Scan# 2261
Delta R.T. 0.030 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Tgt Ion:252 Resp: 515107

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	10.8	7.4	11.2



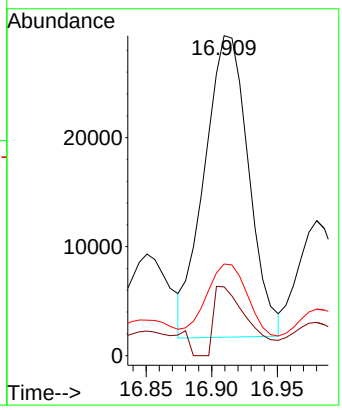


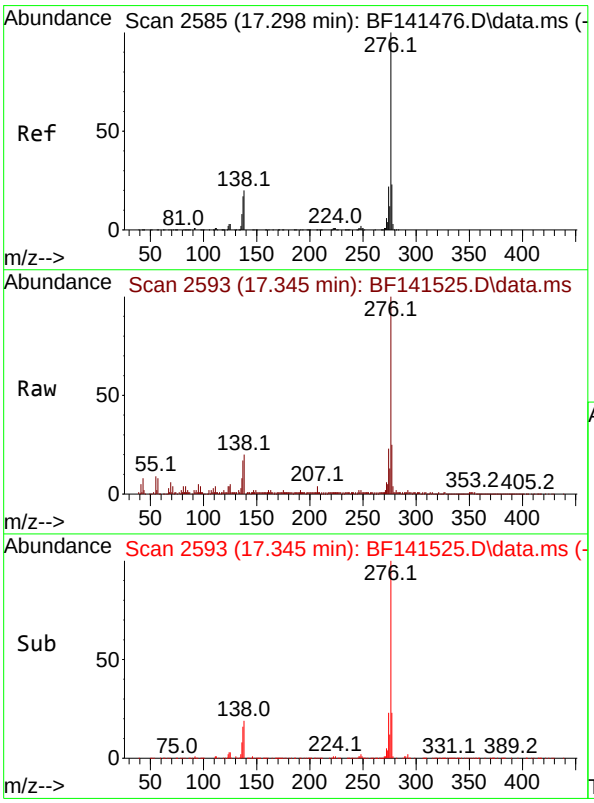
#91
Dibenzo(a,h)anthracene
Concen: 11.401 ng
RT: 16.909 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

Tgt Ion:278 Resp: 65113

Ion	Ratio	Lower	Upper
278	100		
139	21.5	11.8	17.6#
279	28.7	19.1	28.7





#92
Benzo(g,h,i)perylene
Concen: 41.916 ng
RT: 17.345 min Scan# 2593
Delta R.T. 0.030 min
Lab File: BF141525.D
Acq: 07 Feb 2025 23:00

Tgt Ion:276 Resp: 250508

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