Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141392.D
Acq On : 04 Feb 2025 01:42
Operator : RC/JU
Sample : Q1216-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Quant Time: Feb 04 02:57:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	78116	20.000	ng		-0.01
21) Naphthalene-d8	8.075	136	291369	20.000	ng		-0.01
39) Acenaphthene-d10	9.828	164	134383	20.000	ng		-0.01
64) Phenanthrene-d10	11.316	188	196403	20.000	ng		-0.01
76) Chrysene-d12	13.957	240	149766	20.000	ng		-0.02
86) Perylene-d12	15.404	264	108070	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	215009	42.255	ng		0.00
7) Phenol-d6	6.434	99	257476	39.777	ng		0.00
23) Nitrobenzene-d5	7.351	82	165397	29.925	ng		-0.02
42) 2,4,6-Tribromophenol	10.622	330	49308	40.023	ng		-0.01
45) 2-Fluorobiphenyl	9.151	172	268332	30.734	ng		-0.01
79) Terphenyl-d14	12.904	244	224950	23.164	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	22104	5.747	ng	#	79
25) Isophorone	7.351	82	162797	17.039	ng	#	64
50) Dimethylphthalate	9.828	163	19008	2.094	ng	#	1
51) 2,6-Dinitrotoluene	9.828	165	18058	8.569	ng	#	24
56) 4-Nitrophenol	10.033	139	5675	3.757	ng	#	8
57) 2,4-Dinitrotoluene	9.828	165	18058	6.618	ng	#	23
71) Phenanthrene	11.339	178	268590	25.441	ng		100
72) Anthracene	11.392	178	74973	7.248	ng		99
73) Carbazole	11.551	167	25922	2.826	ng		98
75) Fluoranthene	12.533	202	392133	37.617	ng		97
78) Pyrene	12.757	202	350900	24.409	ng		98
81) Benzo(a)anthracene	13.945	228	161074	15.586	ng		97
83) Chrysene	13.980	228	134899	14.243	ng		98
87) Indeno(1,2,3-cd)pyrene	16.839	276	46854	6.717	ng	#	92
88) Benzo(b)fluoranthene	14.986	252	168898	24.846	ng		96
89) Benzo(k)fluoranthene	14.986	252	168898	28.046	ng		96
90) Benzo(a)pyrene	15.345	252	88222	15.358	ng		97
91) Dibenzo(a,h)anthracene	16.857	278	12087	2.154	ng	#	89
92) Benzo(g,h,i)perylene	17.274	276	44549	7.635	ng		95

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

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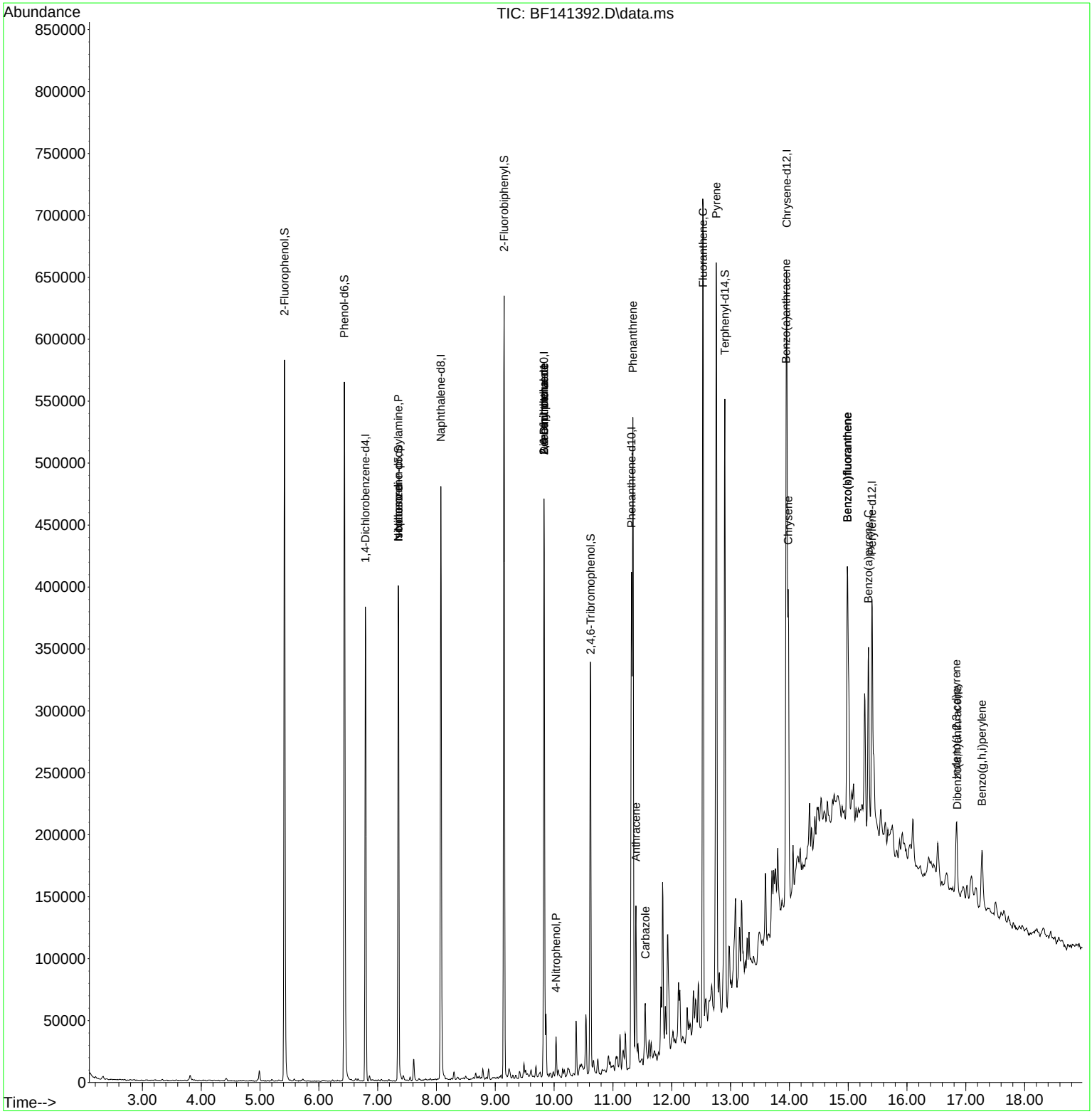
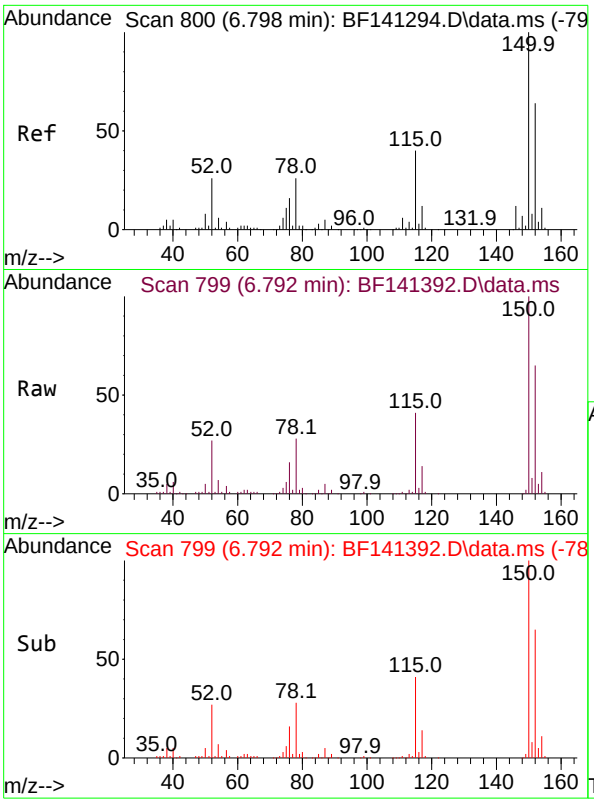


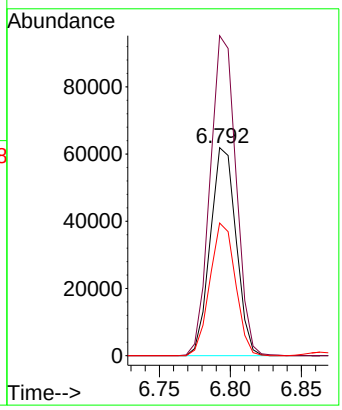


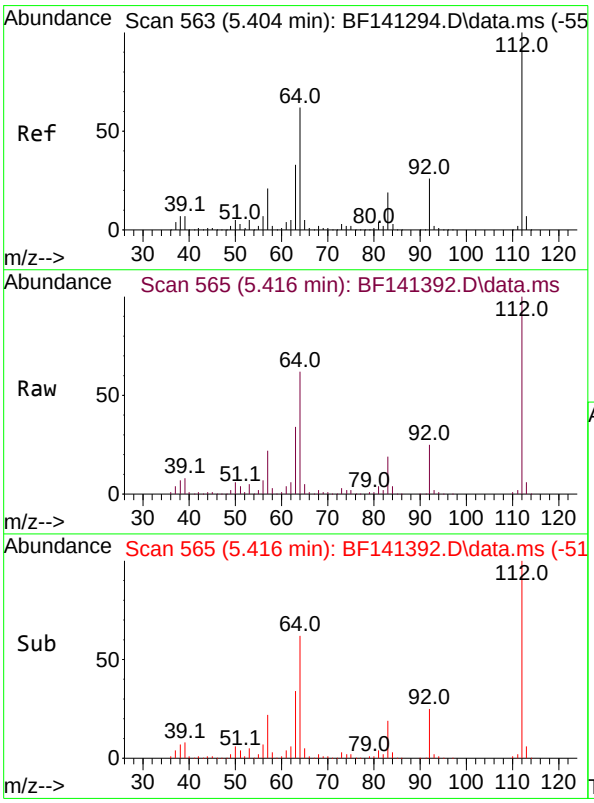
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Tgt Ion:152 Resp: 78116

Ion	Ratio	Lower	Upper
152	100		
150	153.9	125.9	188.9
115	63.8	49.7	74.5

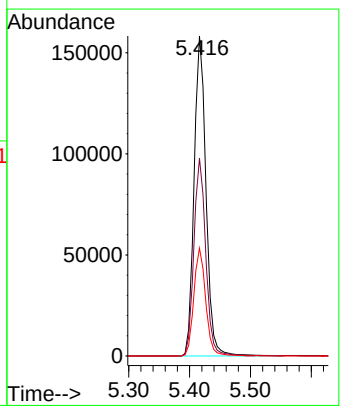


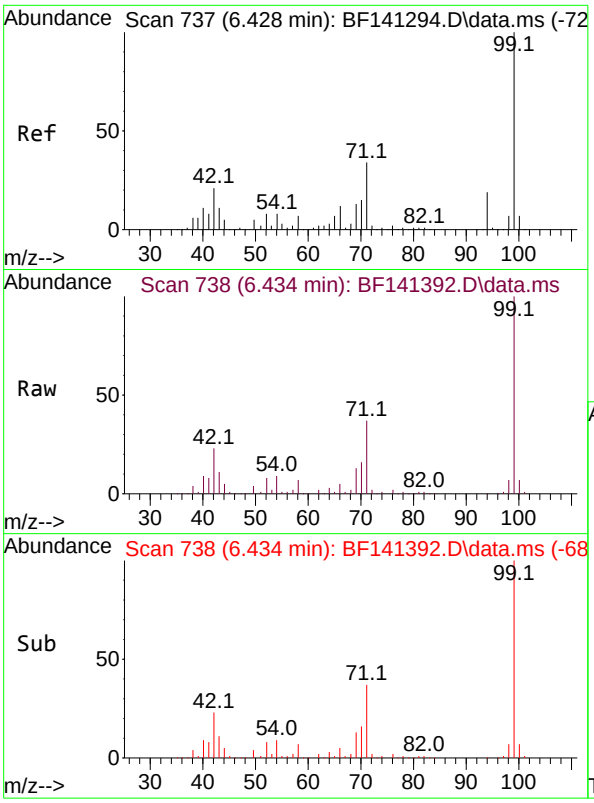


#5
2-Fluorophenol
Concen: 42.255 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Tgt Ion:112 Resp: 215009

Ion	Ratio	Lower	Upper
112	100		
64	61.8	49.8	74.8
63	33.7	26.1	39.1



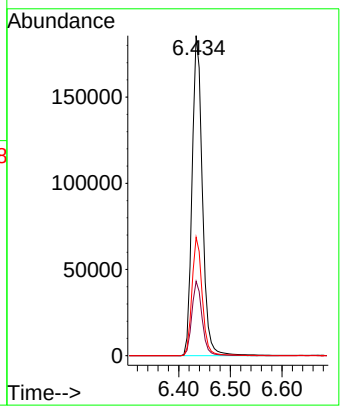


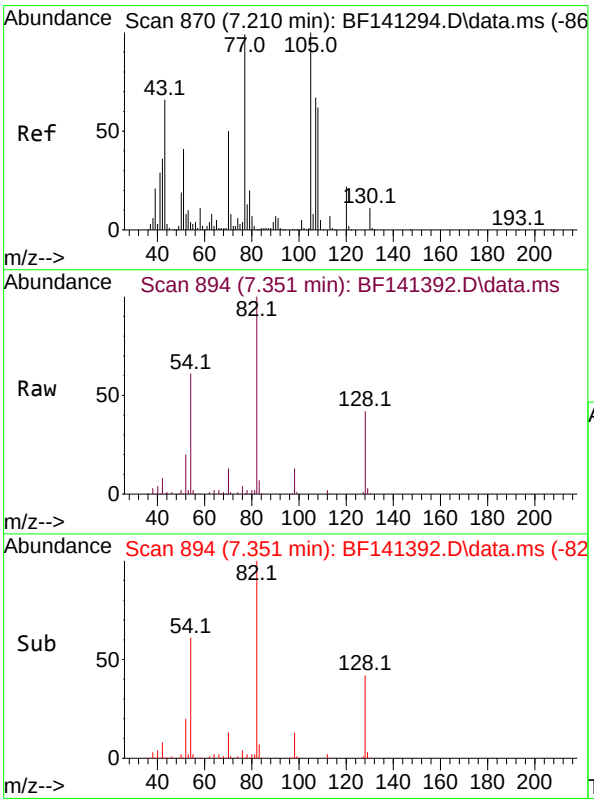
#7
Phenol-d6
Concen: 39.777 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Tgt Ion: 99 Resp: 257476

Ion	Ratio	Lower	Upper
99	100		
42	23.3	17.1	25.7
71	37.0	26.9	40.3

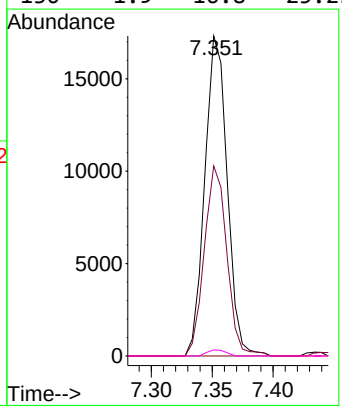


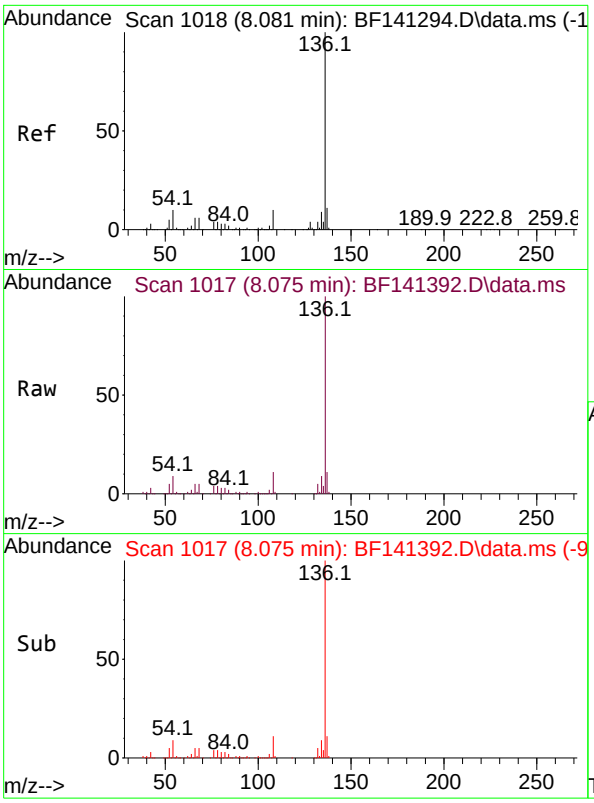


#19
n-Nitroso-di-n-propylamine
Concen: 5.747 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.123 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Tgt Ion: 70 Resp: 22104

Ion	Ratio	Lower	Upper
70	100		
42	59.4	56.8	85.2
101	0.0	7.7	11.5#
130	1.9	16.8	25.2#



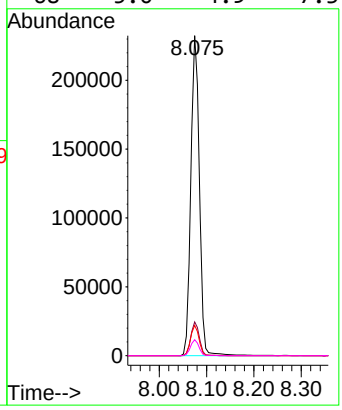


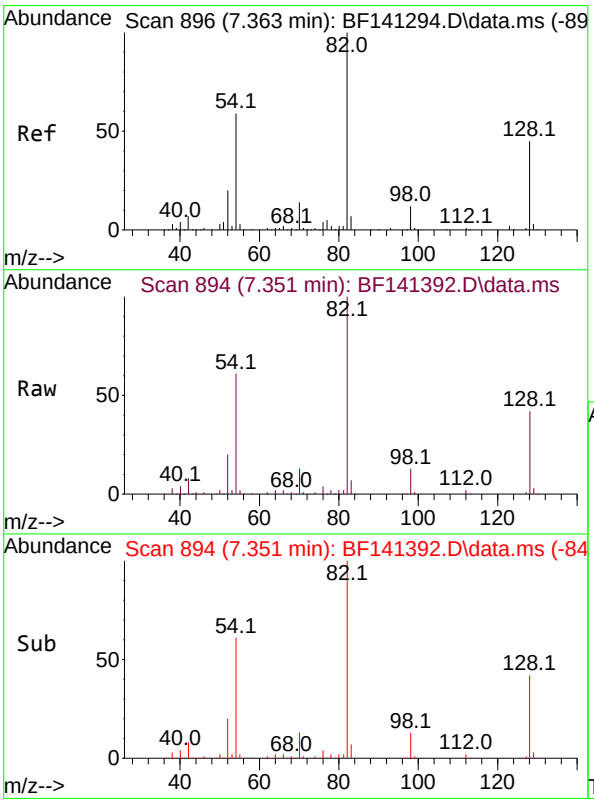
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Tgt Ion:136 Resp: 291369

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	9.5	7.8	11.8
68	5.0	4.9	7.3

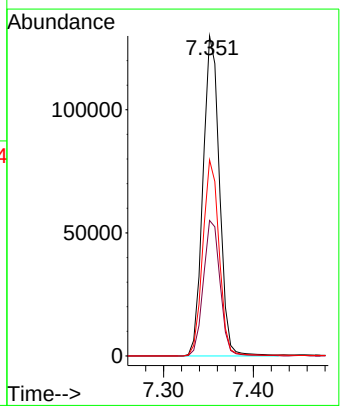


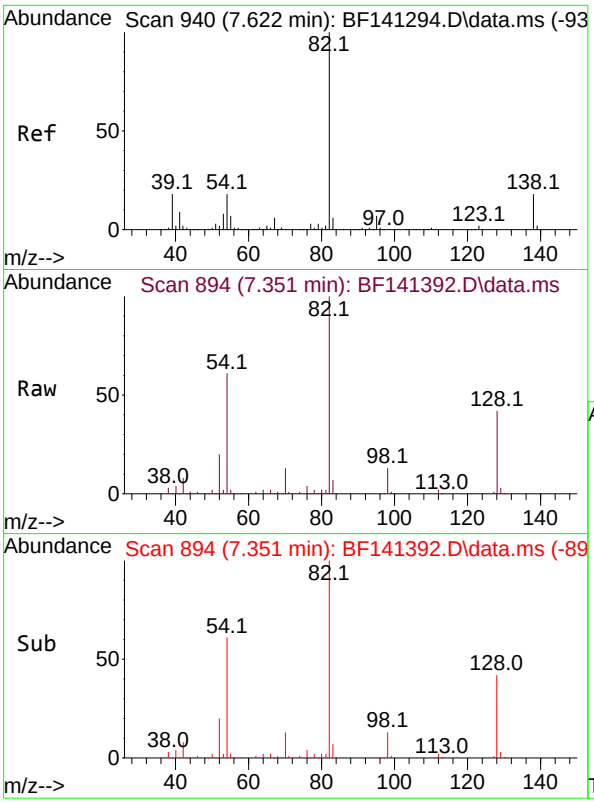


#23
Nitrobenzene-d5
Concen: 29.925 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Tgt Ion: 82 Resp: 165397

Ion	Ratio	Lower	Upper
82	100		
128	42.3	35.7	53.5
54	61.3	47.1	70.7



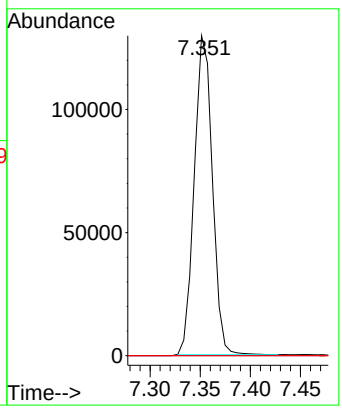


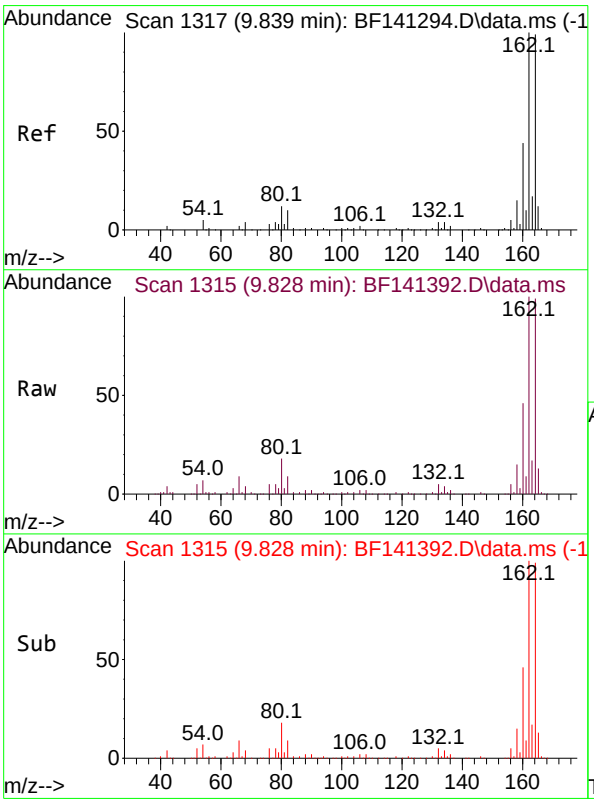
#25
Isophorone
Concen: 17.039 ng
RT: 7.351 min Scan# 8
Delta R.T. -0.277 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Tgt Ion: 82 Resp: 162797

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.7	22.1#

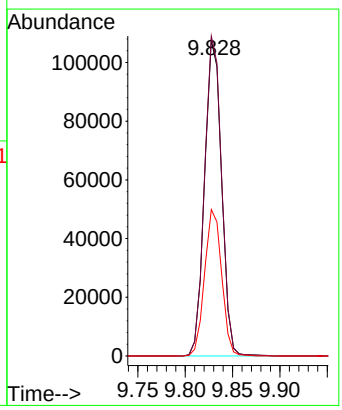


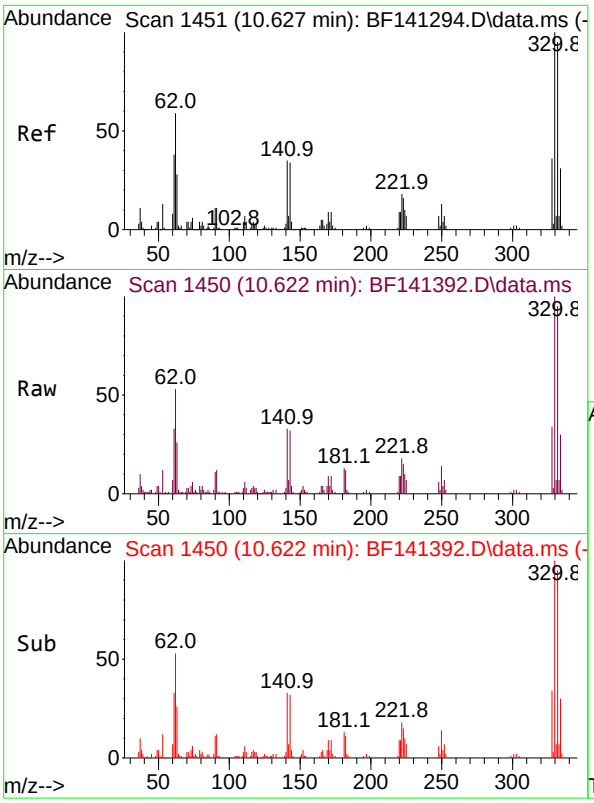


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Tgt Ion:164 Resp: 134383

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	121.0
160	46.4	35.8	53.6



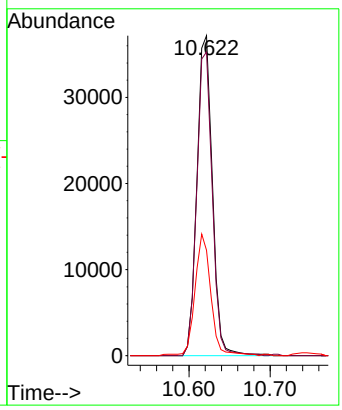


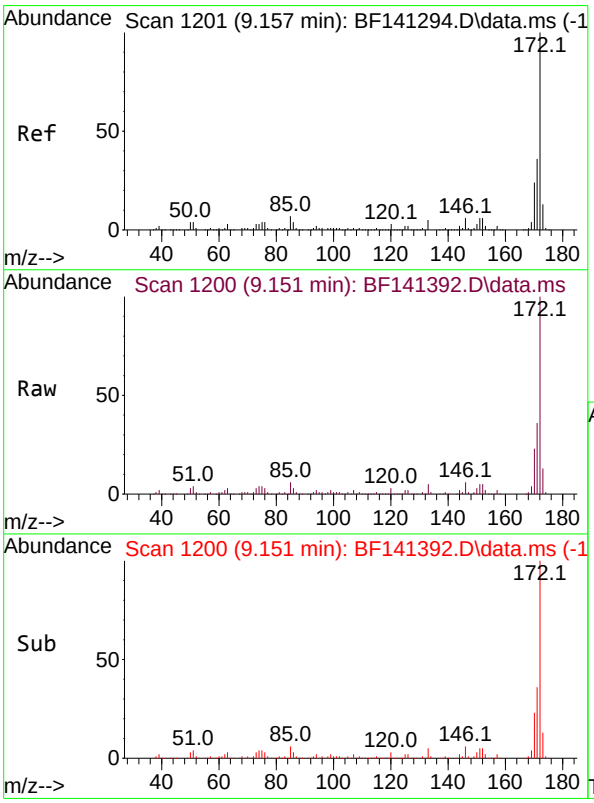
#42
2,4,6-Tribromophenol
Concen: 40.023 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Tgt Ion:330 Resp: 49308

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.1	114.1
141	39.1	28.8	43.2

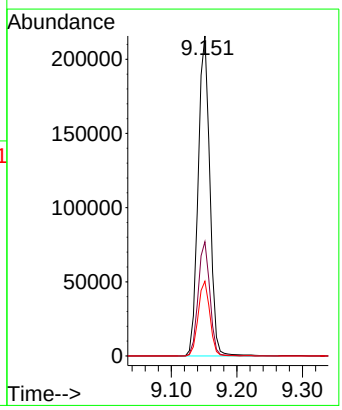


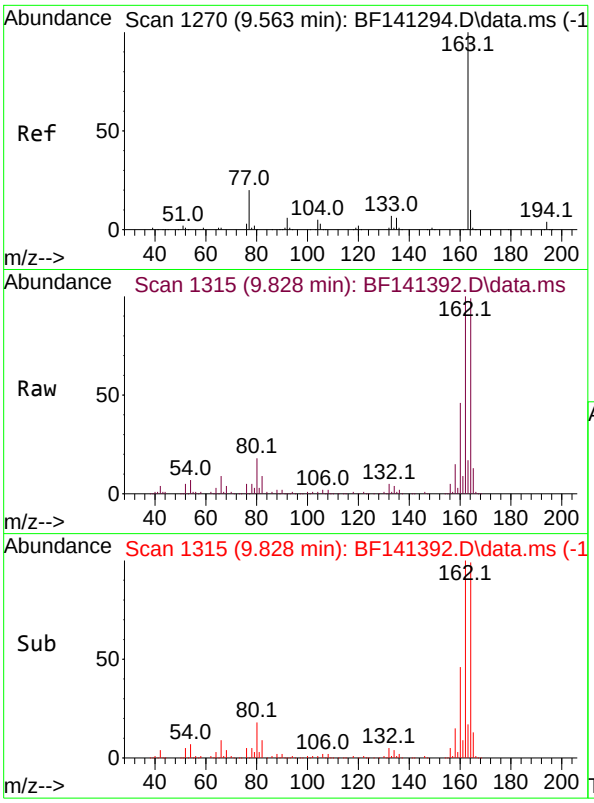


#45
2-Fluorobiphenyl
Concen: 30.734 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Tgt Ion:172 Resp: 268332

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	23.4	19.0	28.6



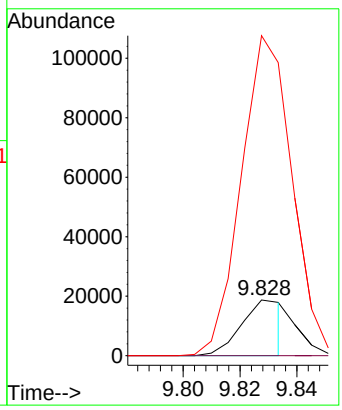


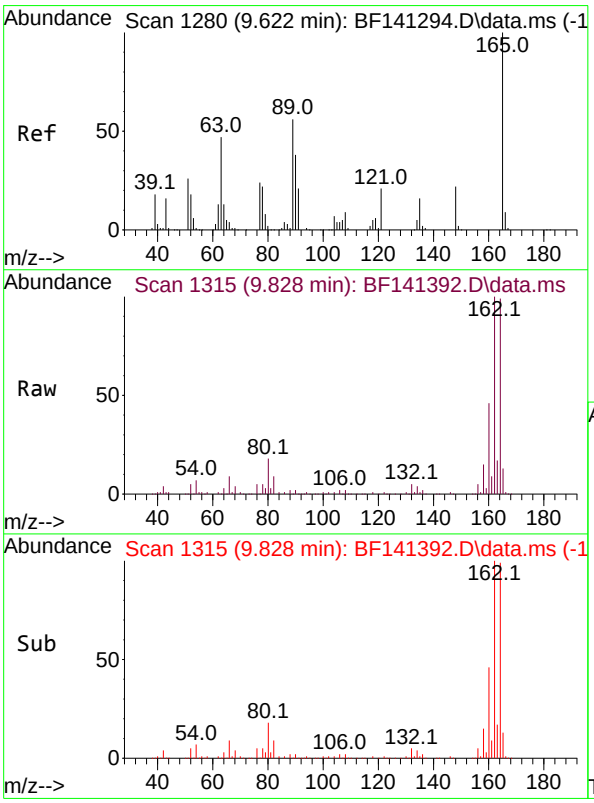
#50
Dimethylphthalate
Concen: 2.094 ng
RT: 9.828 min Scan# 1
Delta R.T. 0.259 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Tgt Ion:163 Resp: 19008

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.6#
164	574.8	8.0	12.0#

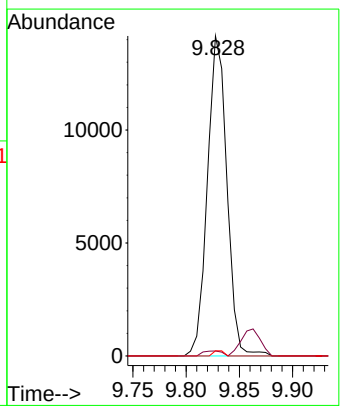


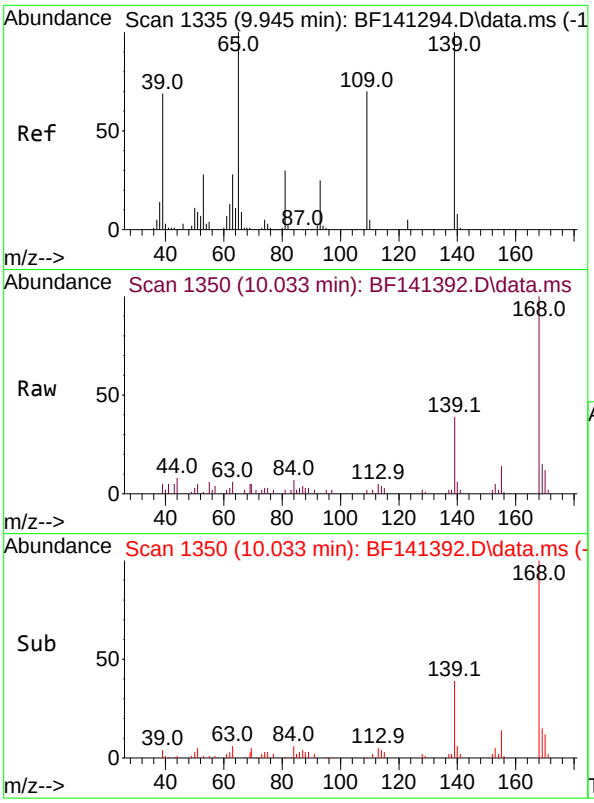


#51
2,6-Dinitrotoluene
Concen: 8.569 ng
RT: 9.828 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Tgt Ion:165 Resp: 18058

Ion	Ratio	Lower	Upper
165	100		
63	1.6	48.1	72.1#
89	1.6	44.9	67.3#



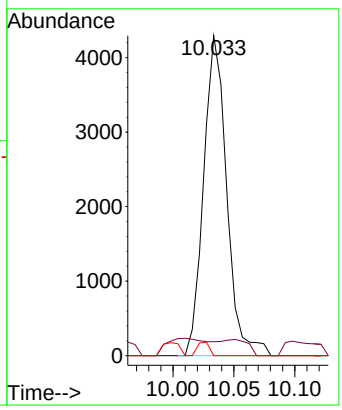


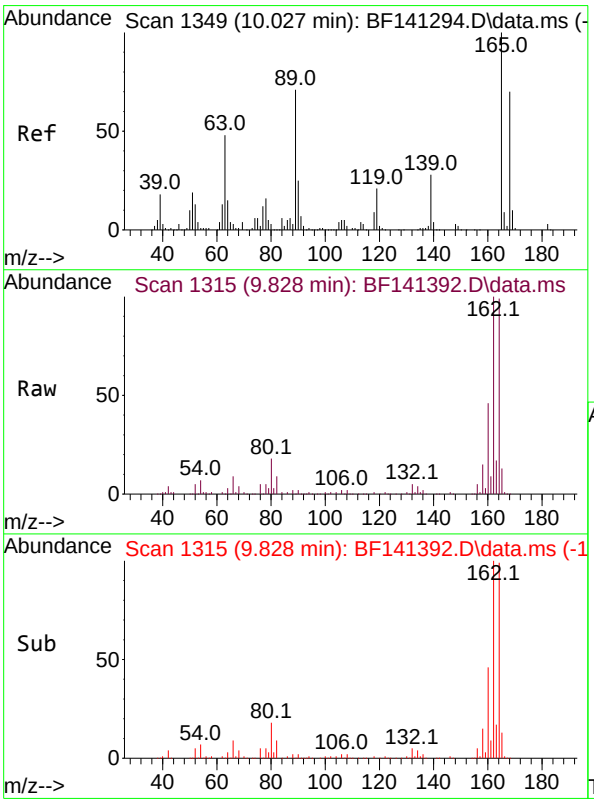
#56
4-Nitrophenol
Concen: 3.757 ng
RT: 10.033 min Scan# 1
Delta R.T. 0.076 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Tgt Ion:139 Resp: 5675

Ion	Ratio	Lower	Upper
139	100		
109	4.3	50.2	90.2#
65	0.0	80.6	120.6#

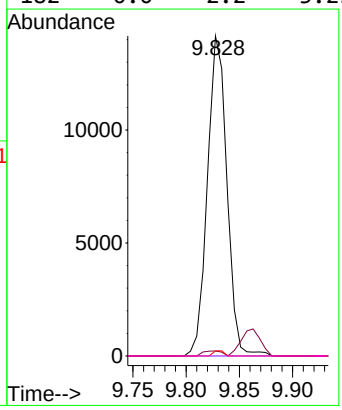


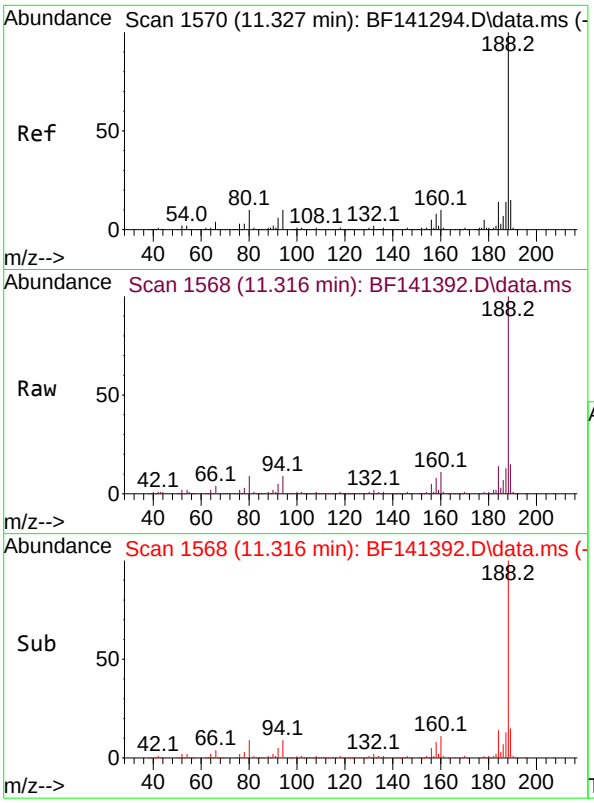


#57
2,4-Dinitrotoluene
Concen: 6.618 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Tgt Ion:165 Resp: 18058

Ion	Ratio	Lower	Upper
165	100		
63	1.6	39.2	58.8#
89	1.6	56.9	85.3#
182	0.0	2.2	3.2#



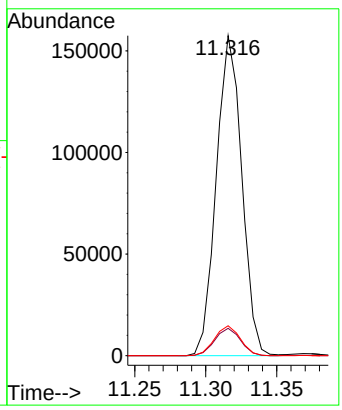


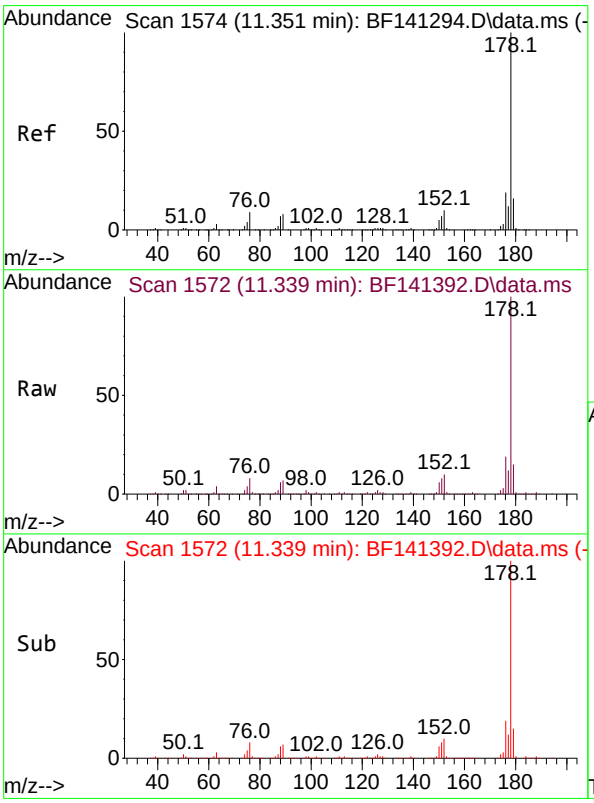
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Tgt Ion:188 Resp: 196403

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.8	11.6
80	9.3	8.2	12.4

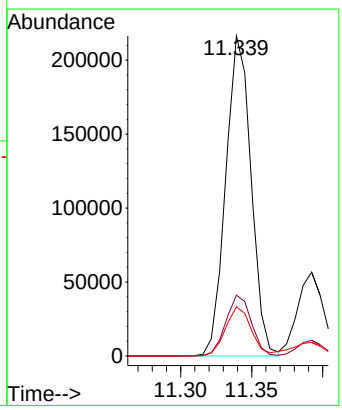


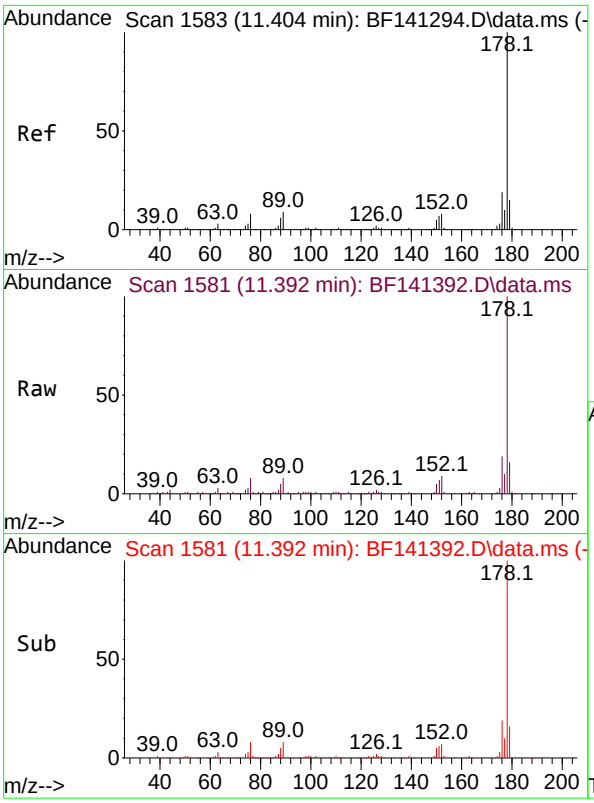


#71
Phenanthrene
Concen: 25.441 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Tgt Ion:178 Resp: 268590

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.3	12.5	18.7



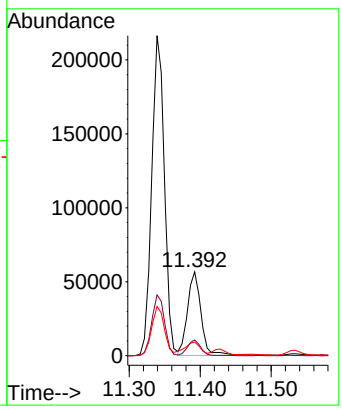


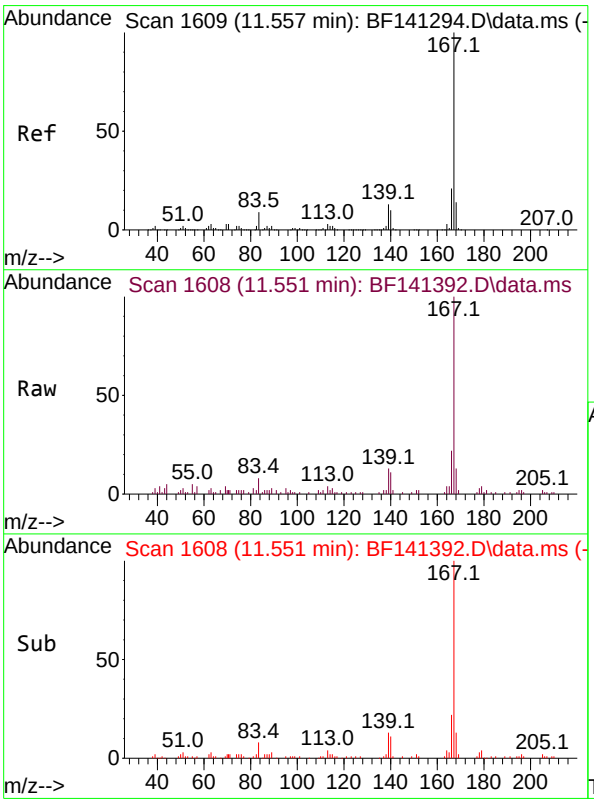
#72
Anthracene
Concen: 7.248 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Tgt Ion:178 Resp: 74973

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	16.2	12.3	18.5

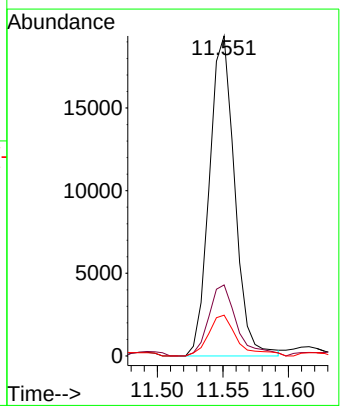


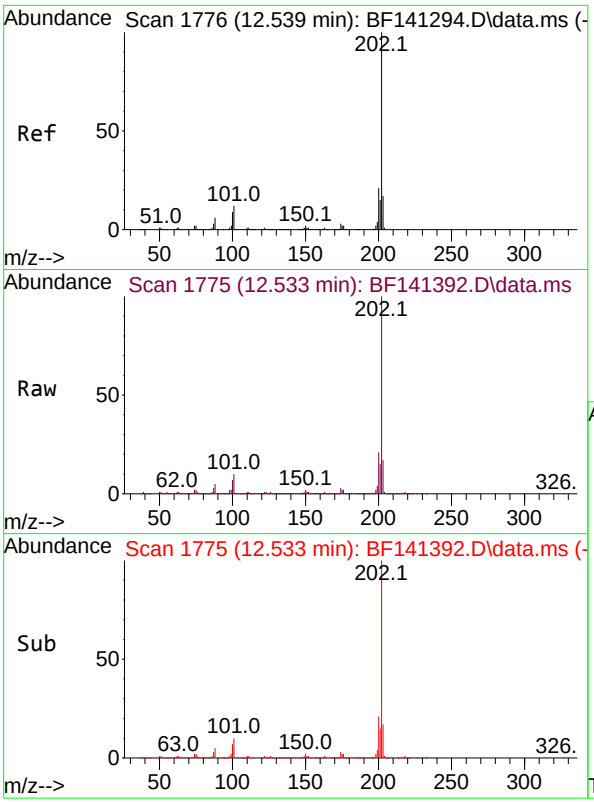


#73
Carbazole
Concen: 2.826 ng
RT: 11.551 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Tgt Ion:167 Resp: 25922

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.0	25.6
139	12.7	10.6	16.0



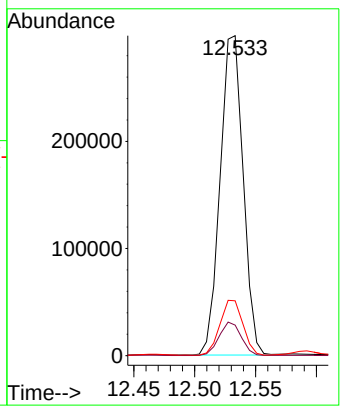


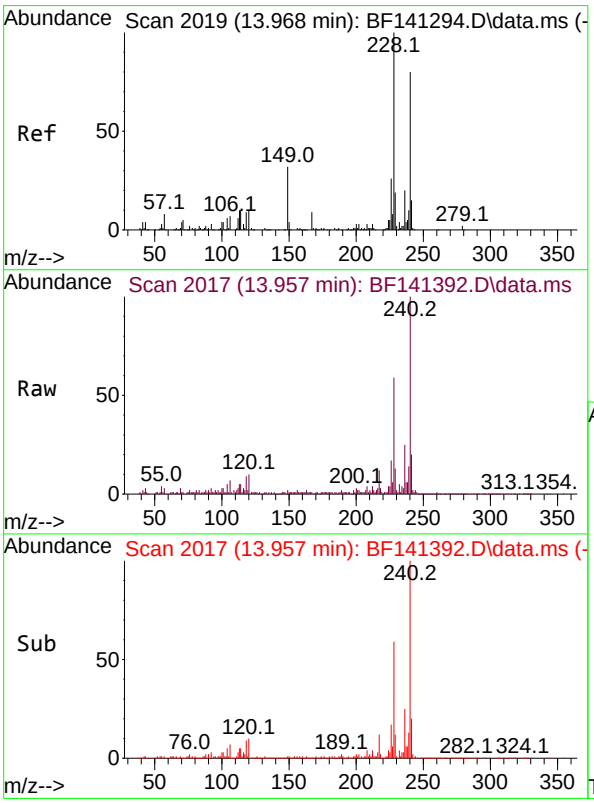
#75
Fluoranthene
Concen: 37.617 ng
RT: 12.533 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Tgt Ion:202 Resp: 392133

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	31.7
203	17.2	0.0	37.5

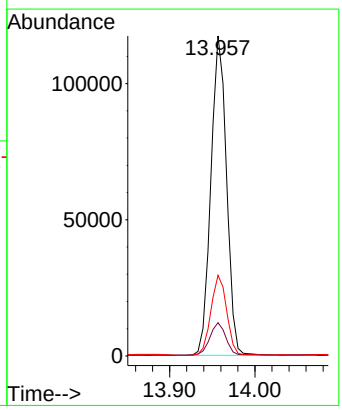


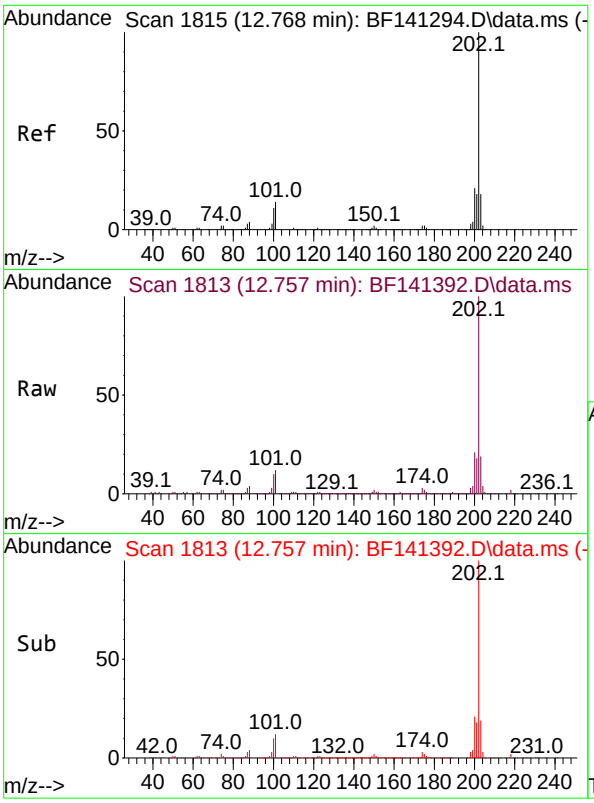


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Tgt Ion:240 Resp: 149766

Ion	Ratio	Lower	Upper
240	100		
120	10.4	10.0	15.0
236	25.2	19.7	29.5



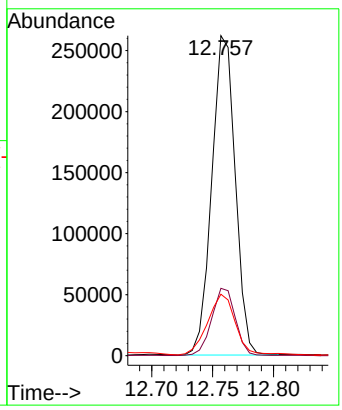


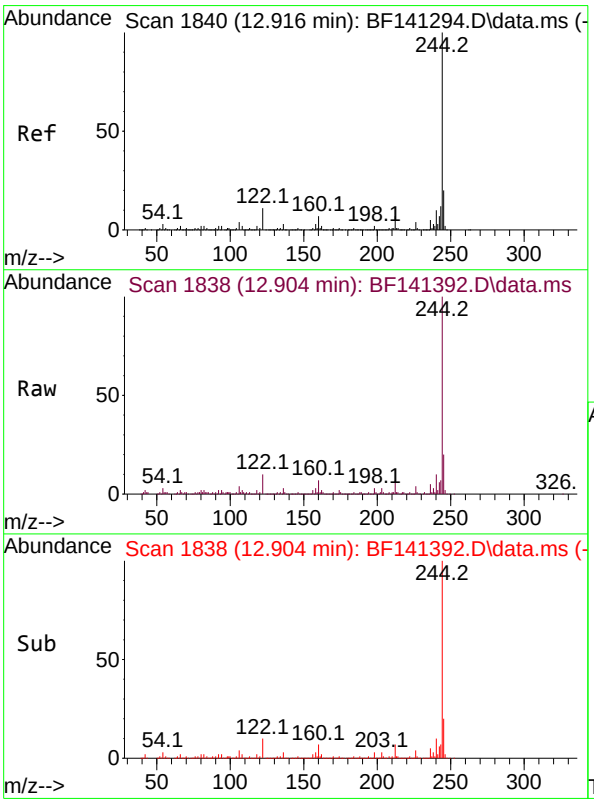
#78
Pyrene
Concen: 24.409 ng
RT: 12.757 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Tgt Ion:202 Resp: 350900

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	19.2	14.3	21.5

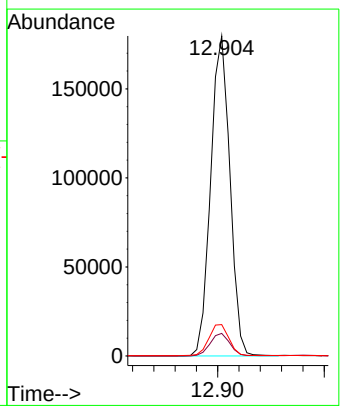


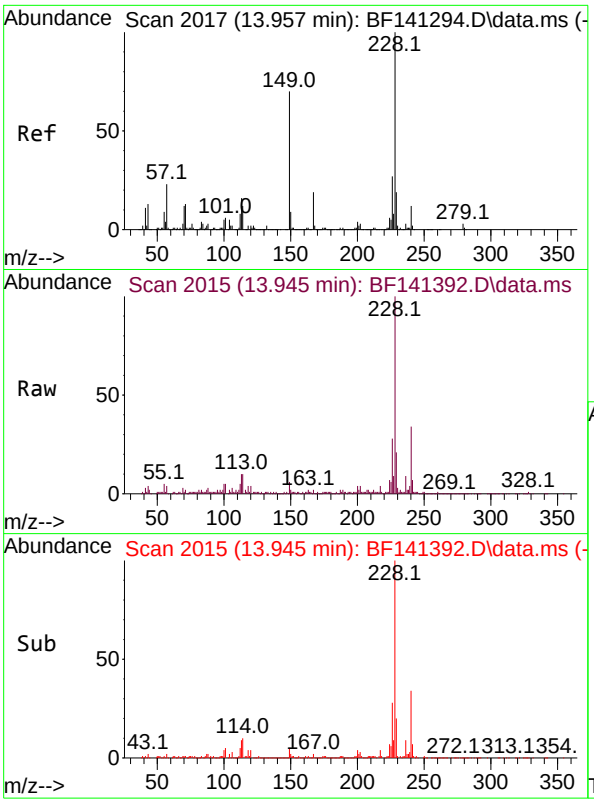


#79
Terphenyl-d14
Concen: 23.164 ng
RT: 12.904 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Tgt Ion:244 Resp: 224950

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	9.8	8.8	13.2



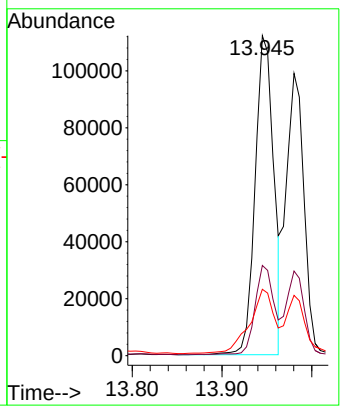


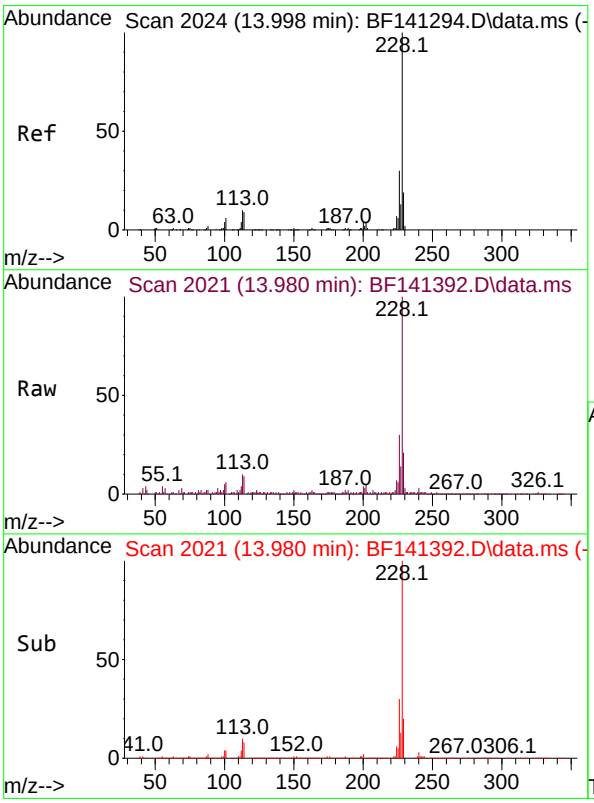
#81
Benzo(a)anthracene
Concen: 15.586 ng
RT: 13.945 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Tgt Ion:228 Resp: 161074

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.4	32.2
229	20.8	15.5	23.3

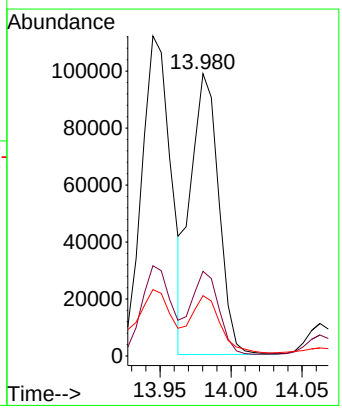


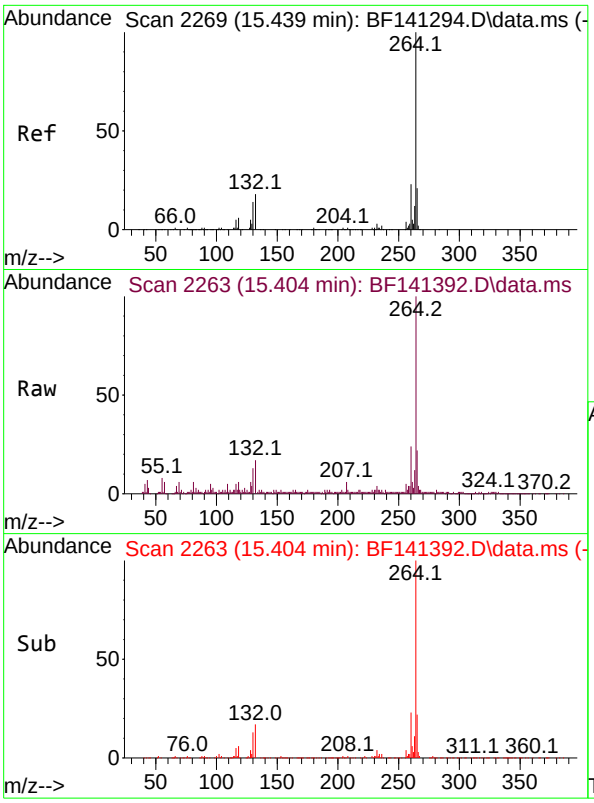


#83
Chrysene
Concen: 14.243 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.018 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Tgt Ion:228 Resp: 134899

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	21.4	15.6	23.4



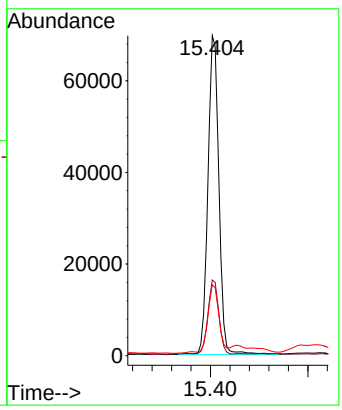


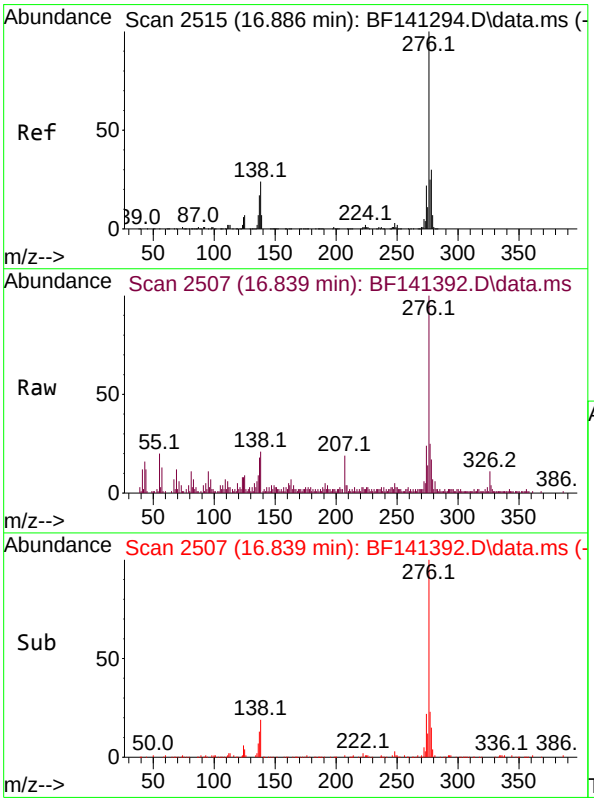
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2
Delta R.T. -0.035 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Tgt Ion:264 Resp: 108070

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.1	16.7	25.1

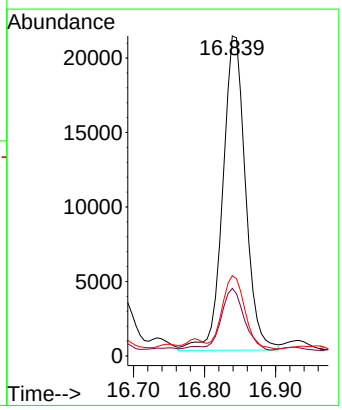


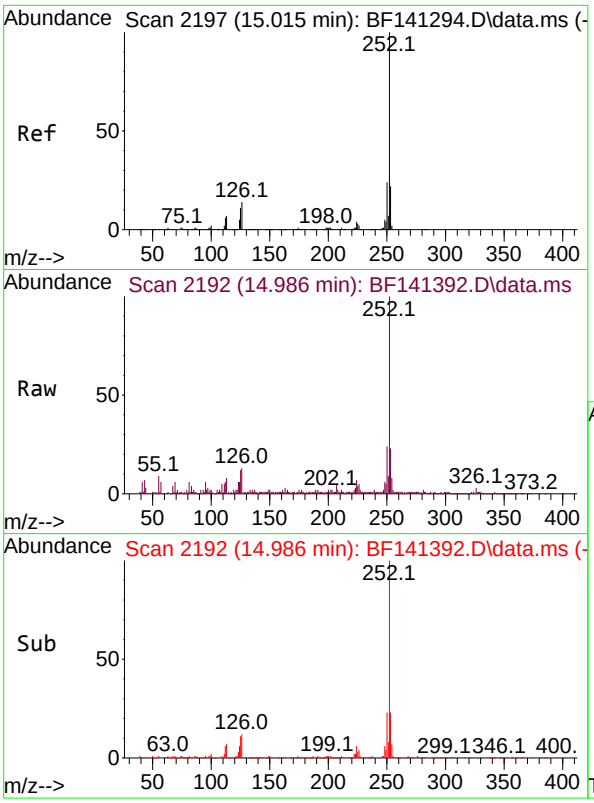


#87
Indeno(1,2,3-cd)pyrene
Concen: 6.717 ng
RT: 16.839 min Scan# 2507
Delta R.T. -0.059 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Tgt Ion:276 Resp: 46854

Ion	Ratio	Lower	Upper
276	100		
138	20.9	21.7	32.5#
277	23.0	20.3	30.5



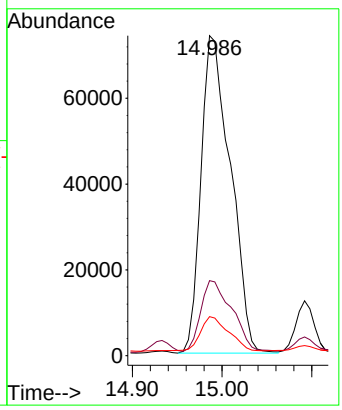


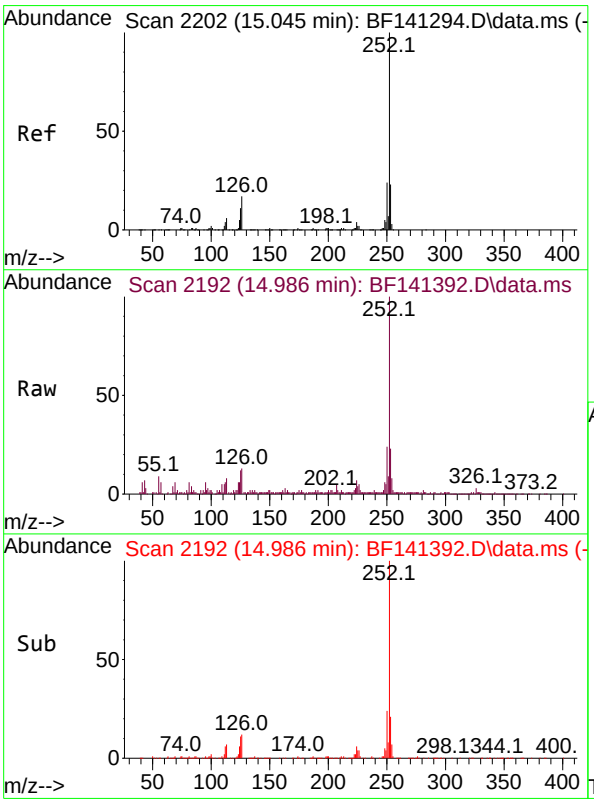
#88
Benzo(b)fluoranthene
Concen: 24.846 ng
RT: 14.986 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Tgt Ion:252 Resp: 168898

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	12.2	8.6	12.8

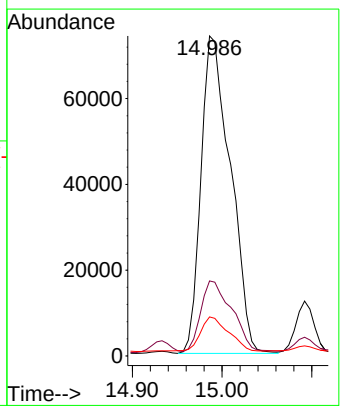


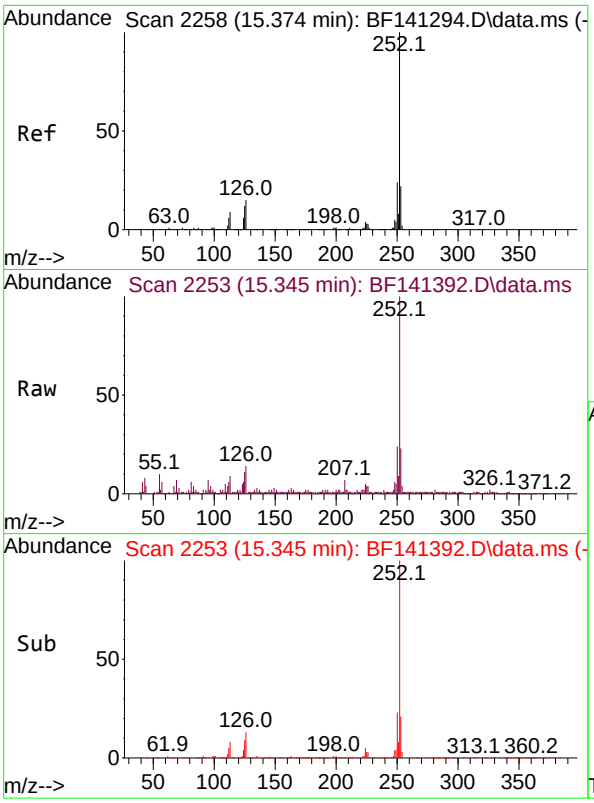


#89
Benzo(k)fluoranthene
Concen: 28.046 ng
RT: 14.986 min Scan# 2192
Delta R.T. -0.065 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Tgt Ion:252 Resp: 168898

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	12.2	8.4	12.6



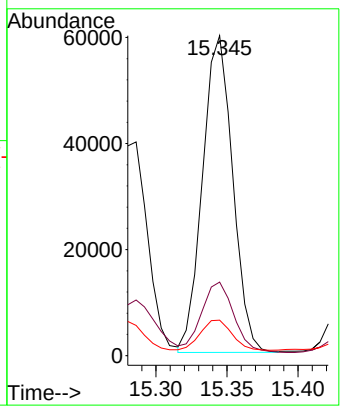


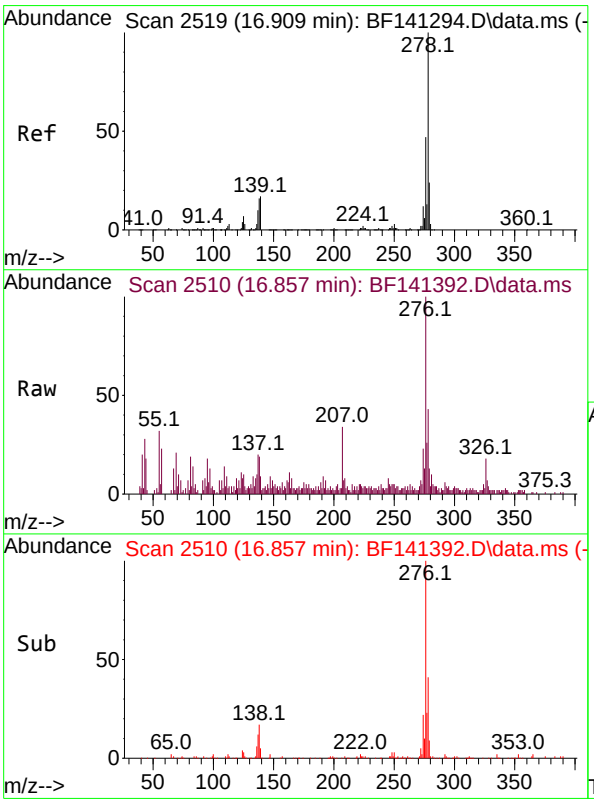
#90
Benzo(a)pyrene
Concen: 15.358 ng
RT: 15.345 min Scan# 2
Delta R.T. -0.035 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Tgt Ion:252 Resp: 88222

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	11.1	9.4	14.2

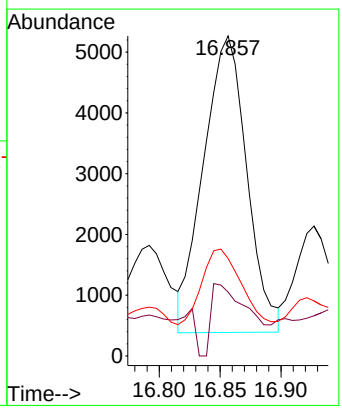


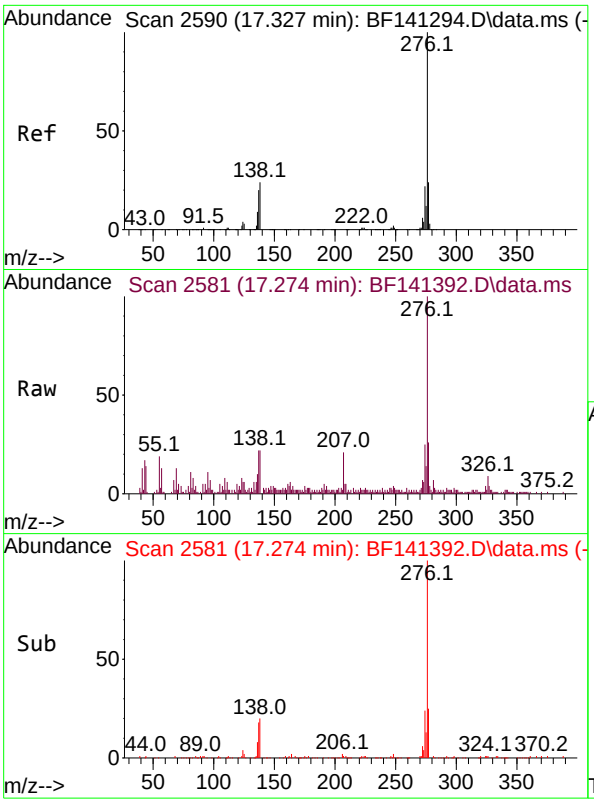


#91
Dibenzo(a,h)anthracene
Concen: 2.154 ng
RT: 16.857 min Scan# 2510
Delta R.T. -0.065 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Tgt Ion:278 Resp: 12087

Ion	Ratio	Lower	Upper
278	100		
139	20.0	13.9	20.9
279	30.4	18.8	28.2#





#92
Benzo(g,h,i)perylene
Concen: 7.635 ng
RT: 17.274 min Scan# 2
Delta R.T. -0.071 min
Lab File: BF141392.D
Acq: 04 Feb 2025 01:42

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Tgt Ion:276 Resp: 44549

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.2	28.8
138	21.6	19.0	28.4