Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141461.D
Acq On : 05 Feb 2025 21:31
Operator : RC/JU
Sample : Q1206-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Quant Time: Feb 06 01:48:53 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	6.787	152	73862	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	280125	20.000	ng	-0.02
39) Acenaphthene-d10	9.828	164	130310	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	189517	20.000	ng	#-0.01
76) Chrysene-d12	13.963	240	150837	20.000	ng	#-0.01
86) Perylene-d12	15.421	264	120024	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	337955	70.243	ng	0.00
7) Phenol-d6	6.428	99	421991	68.947	ng	-0.01
23) Nitrobenzene-d5	7.351	82	276299	51.996	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	80152	67.093	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	422567	49.913	ng	-0.02
79) Terphenyl-d14	12.898	244	347592	35.538	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	38511	10.589	ng	# 75
25) Isophorone	7.351	82	273331	29.757	ng	# 64
50) Dimethylphthalate	9.828	163	21453	2.438	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	18348	8.979	ng	# 24
52) Acenaphthene	9.857	154	41542	5.244	ng	100
55) Dibenzofuran	10.028	168	25715	2.425	ng	# 92
58) Fluorene	10.375	166	37170	4.519	ng	99
63) Azobenzene	10.539	77	48635	5.694	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	5768	2.719	ng	# 1
71) Phenanthrene	11.339	178	525201	51.554	ng	99
72) Anthracene	11.386	178	162149	16.245	ng	99
73) Carbazole	11.545	167	31202	3.525	ng	98
75) Fluoranthene	12.533	202	933061	92.760	ng	97
78) Pyrene	12.763	202	907784	62.697	ng	99
81) Benzo(a)anthracene	13.951	228	479288	46.047	ng	96
83) Chrysene	13.986	228	351866	36.886	ng	97
87) Indeno(1,2,3-cd)pyrene	16.704	276	26169	3.378	ng	95
88) Benzo(b)fluoranthene	15.004	252	519726	68.839	ng	98
89) Benzo(k)fluoranthene	15.004	252	519726	77.707	ng	99
90) Benzo(a)pyrene	15.357	252	288104	45.158	ng	96
91) Dibenzo(a,h)anthracene	17.033	278	28649	4.597	ng	94
92) Benzo(g,h,i)perylene	17.298	276	136111	21.003	ng	# 94

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

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Misc :
ALS Vial : 16 Sample Multiplier: 1

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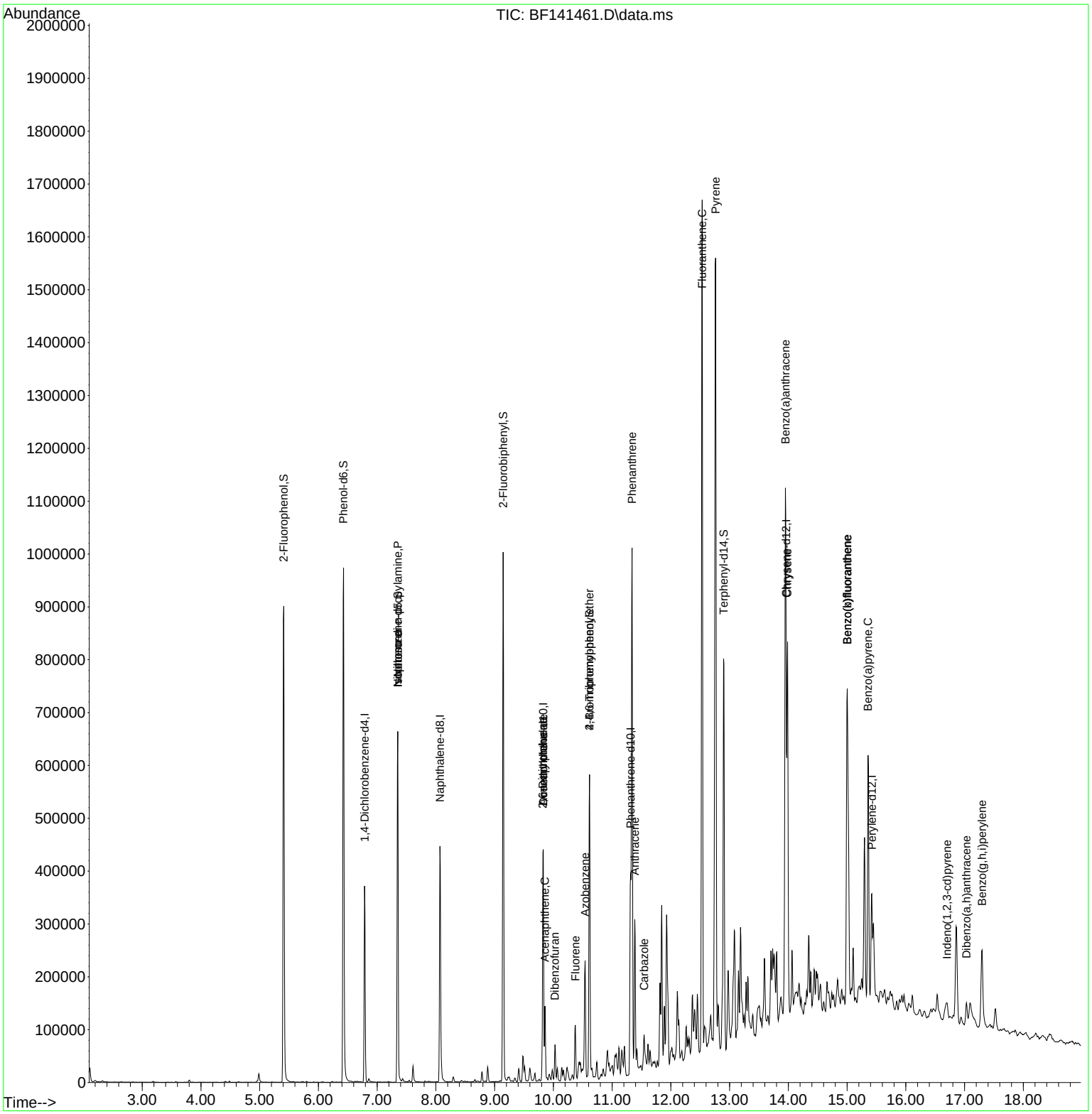
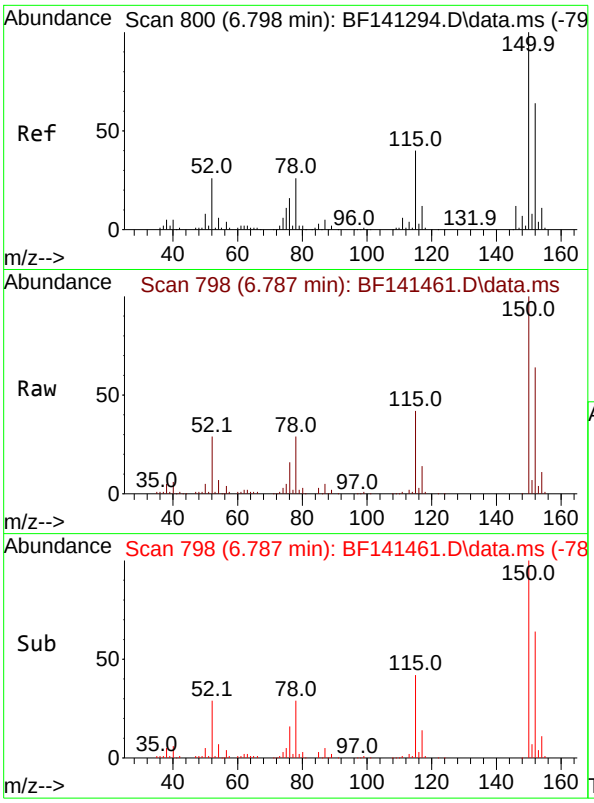


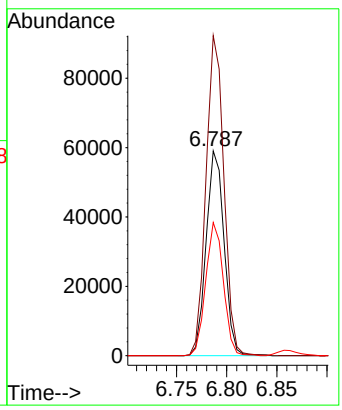


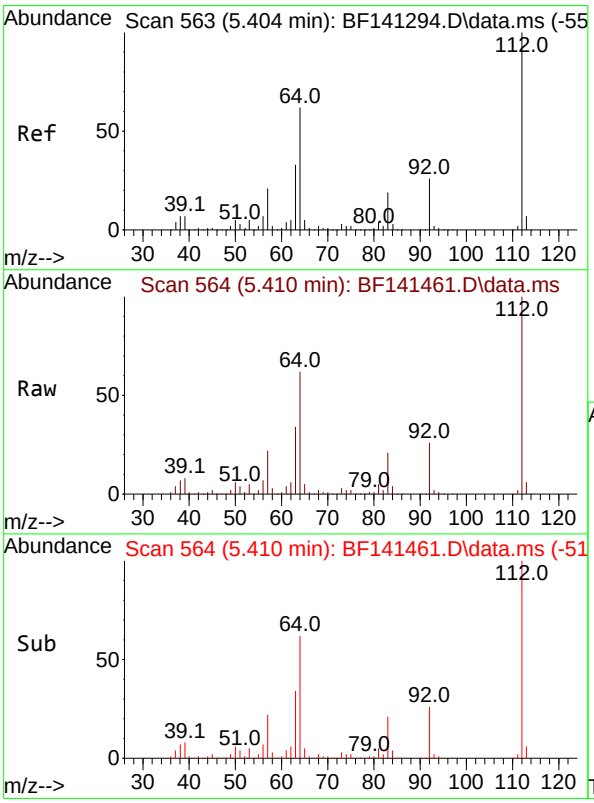
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 7
Delta R.T. -0.017 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Tgt Ion:152 Resp: 73862

Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.9	188.9
115	65.0	49.7	74.5

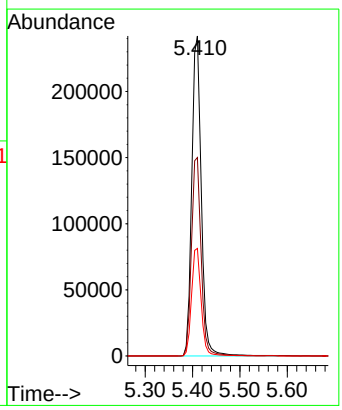


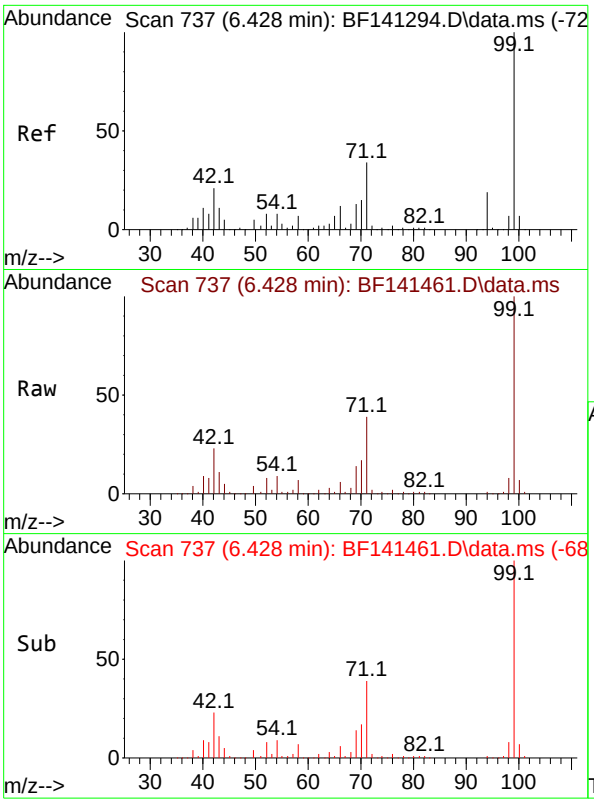


#5
2-Fluorophenol
Concen: 70.243 ng
RT: 5.410 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Tgt Ion:112 Resp: 337955

Ion	Ratio	Lower	Upper
112	100		
64	62.0	49.8	74.8
63	33.6	26.1	39.1



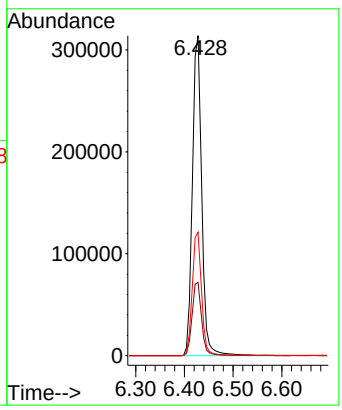


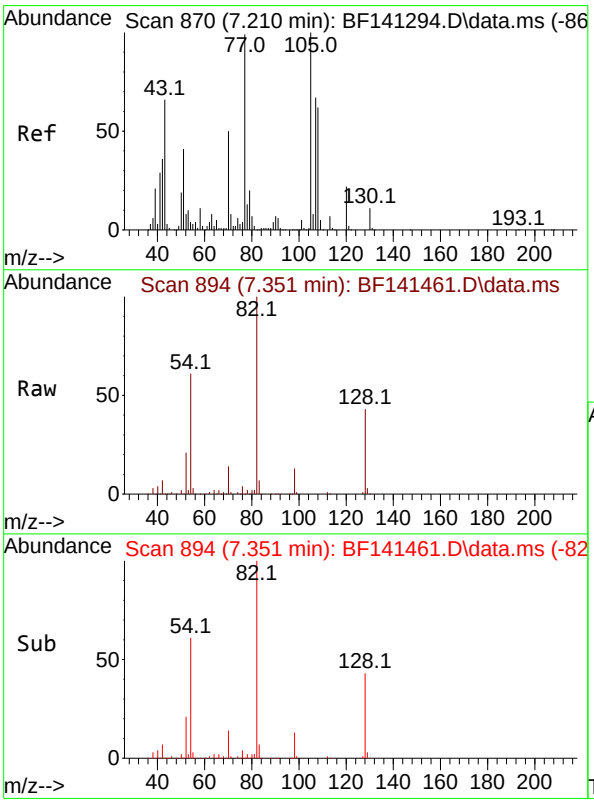
#7
Phenol-d6
Concen: 68.947 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Tgt Ion: 99 Resp: 421991

Ion	Ratio	Lower	Upper
99	100		
42	22.9	17.1	25.7
71	38.6	26.9	40.3

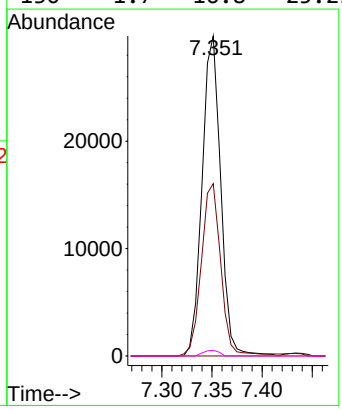


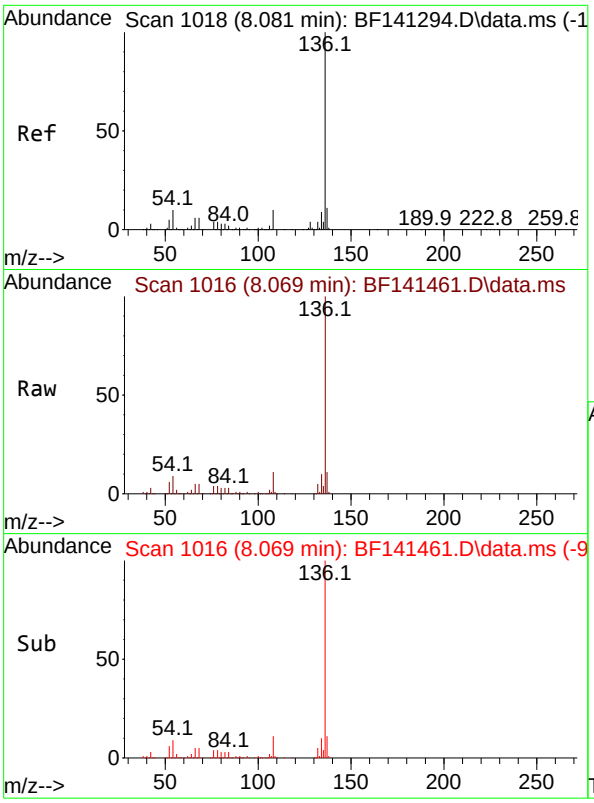


#19
n-Nitroso-di-n-propylamine
Concen: 10.589 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.123 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Tgt Ion: 70 Resp: 38511

Ion	Ratio	Lower	Upper
70	100		
42	53.9	56.8	85.2#
101	0.0	7.7	11.5#
130	1.7	16.8	25.2#



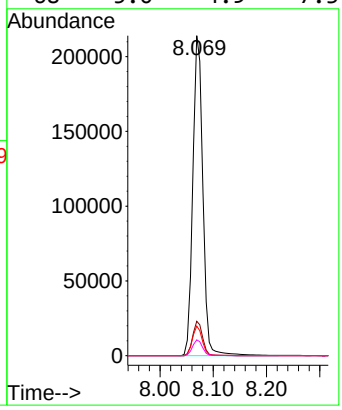


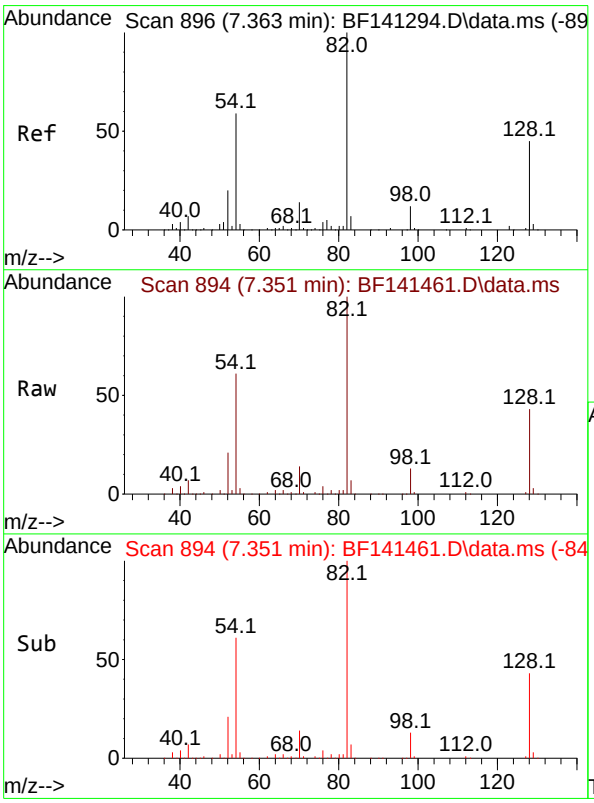
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Tgt Ion:136 Resp: 280125

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.2	7.8	11.8
68	5.0	4.9	7.3

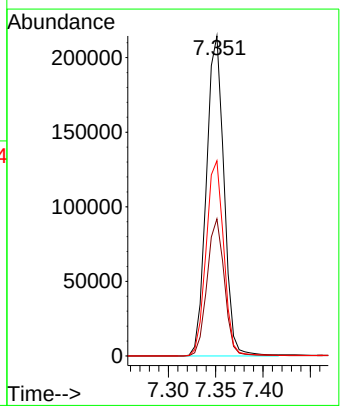


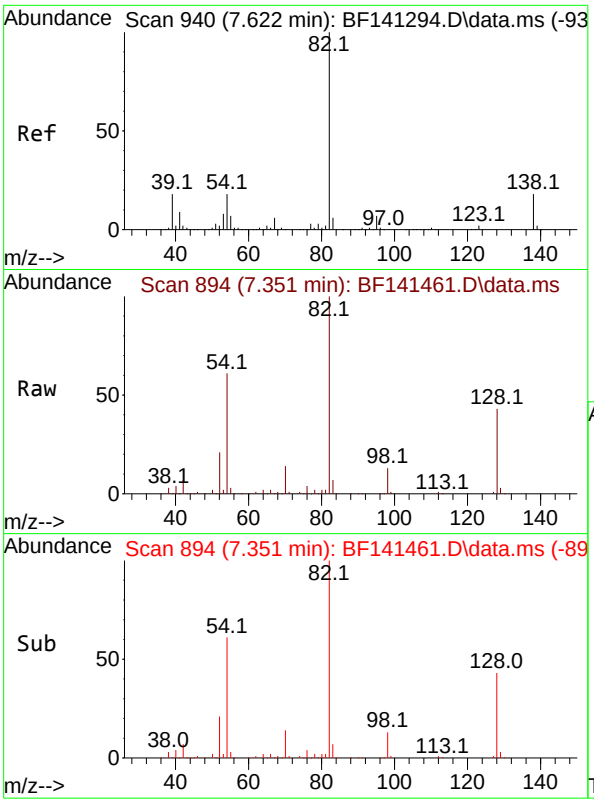


#23
Nitrobenzene-d5
Concen: 51.996 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Tgt Ion: 82 Resp: 276299

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.7	53.5
54	61.0	47.1	70.7



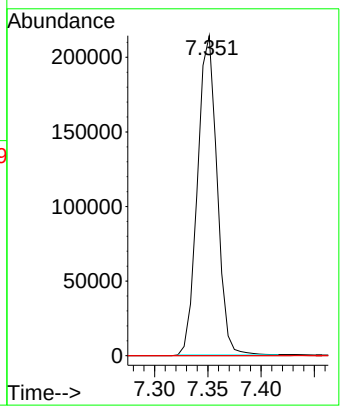


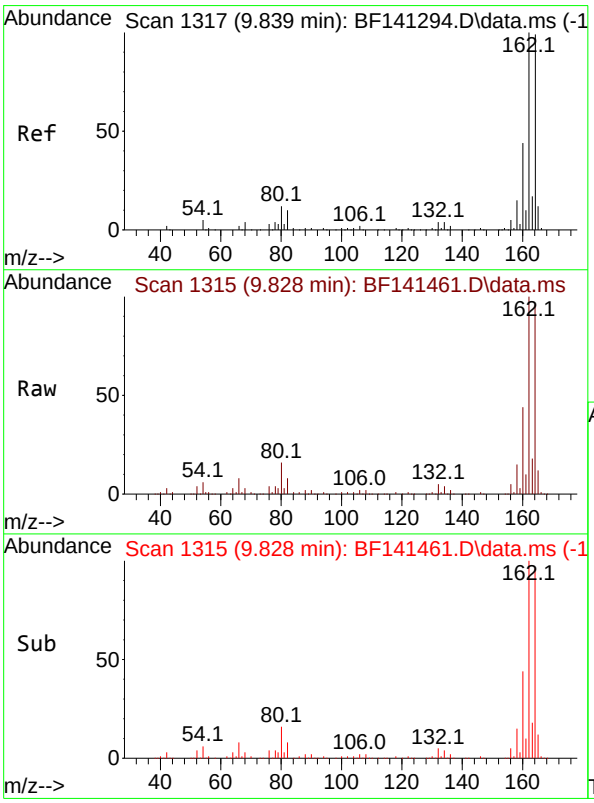
#25
Isophorone
Concen: 29.757 ng
RT: 7.351 min Scan# 8
Delta R.T. -0.277 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Tgt Ion: 82 Resp: 273331

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

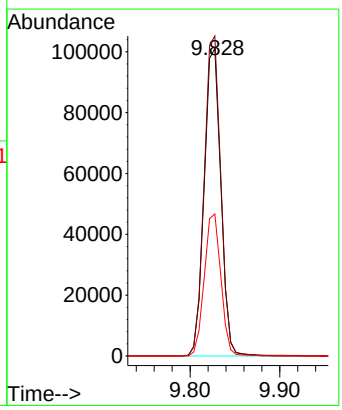


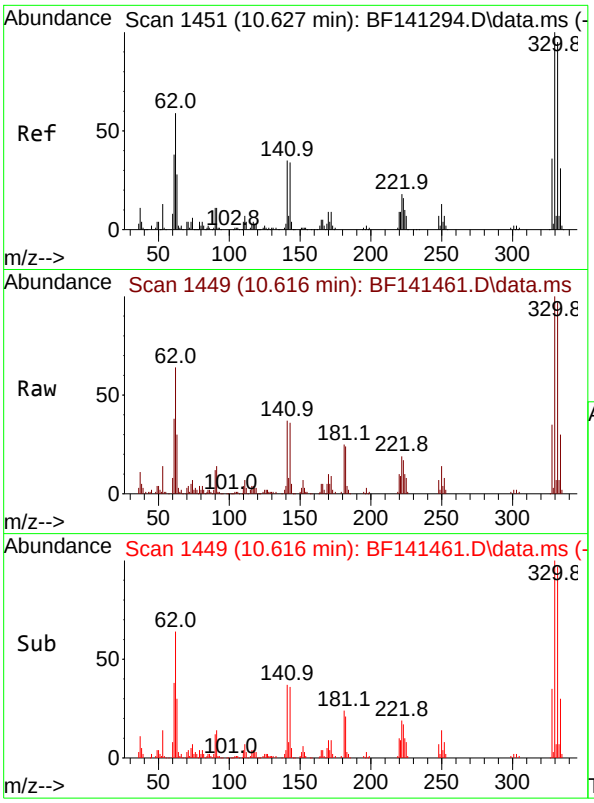


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Tgt Ion:164 Resp: 130310

Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.6	121.0
160	46.2	35.8	53.6



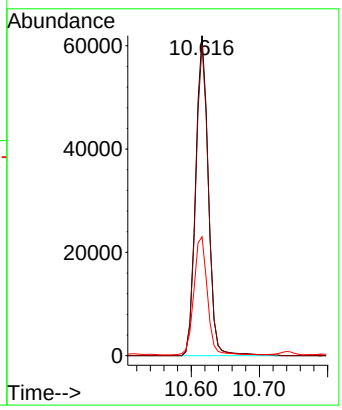


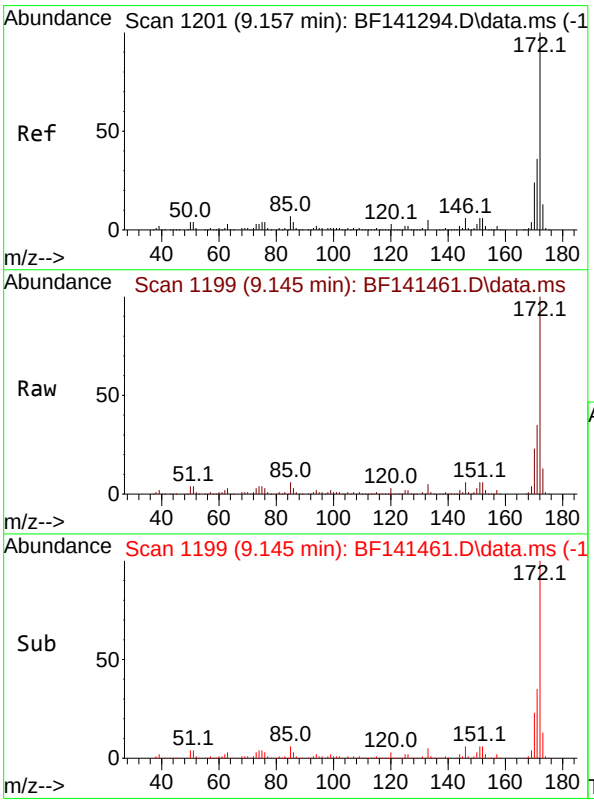
#42
2,4,6-Tribromophenol
Concen: 67.093 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Tgt Ion:330 Resp: 80152

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.1	114.1
141	39.0	28.8	43.2

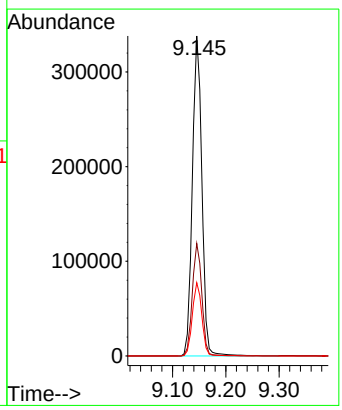


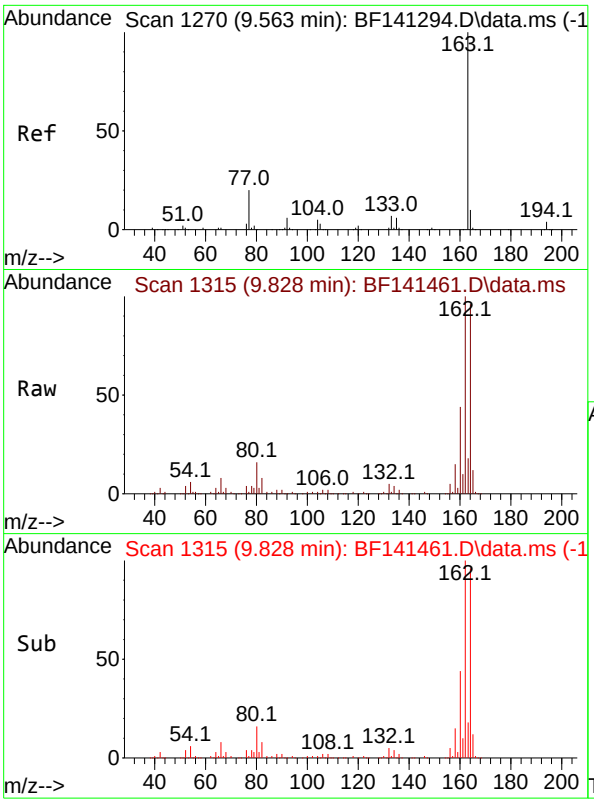


#45
2-Fluorobiphenyl
Concen: 49.913 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Tgt Ion:172 Resp: 422567

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.8	43.2
170	22.9	19.0	28.6



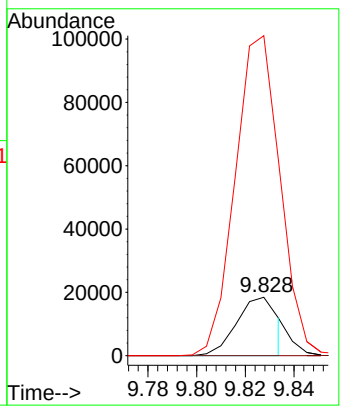


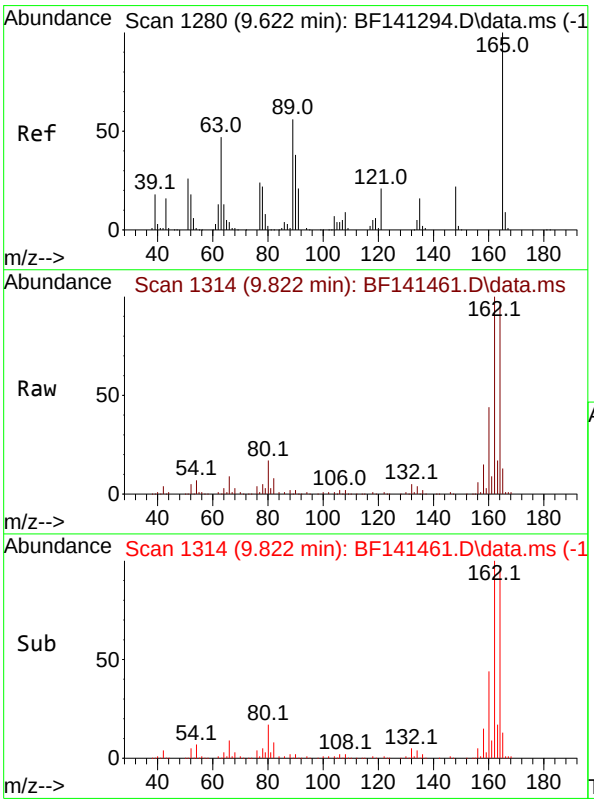
#50
Dimethylphthalate
Concen: 2.438 ng
RT: 9.828 min Scan# 1
Delta R.T. 0.259 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Tgt Ion:163 Resp: 21453

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.6#
164	548.4	8.0	12.0#

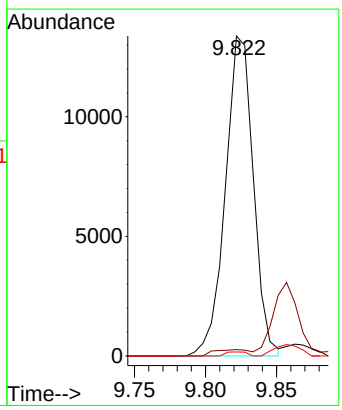


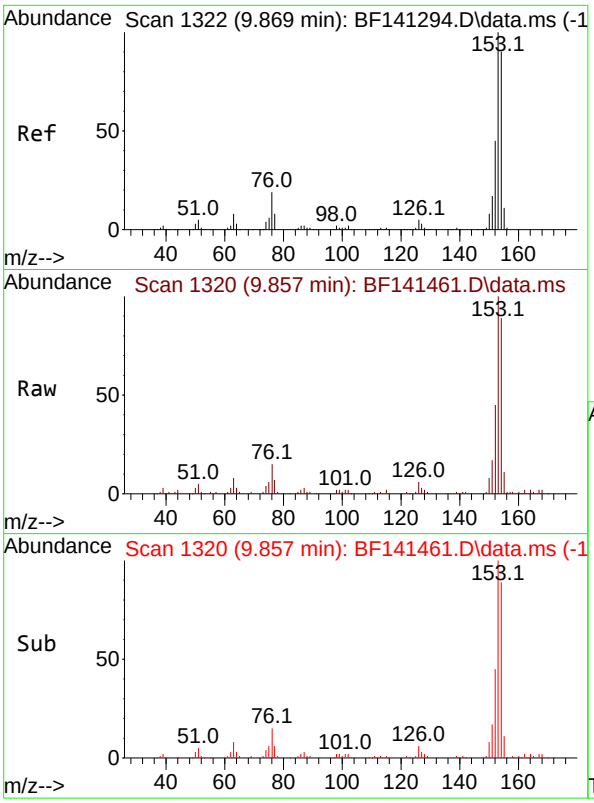


#51
2,6-Dinitrotoluene
Concen: 8.979 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Tgt Ion:165 Resp: 18348

Ion	Ratio	Lower	Upper
165	100		
63	2.0	48.1	72.1#
89	1.3	44.9	67.3#



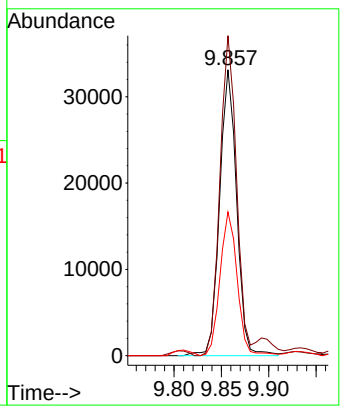


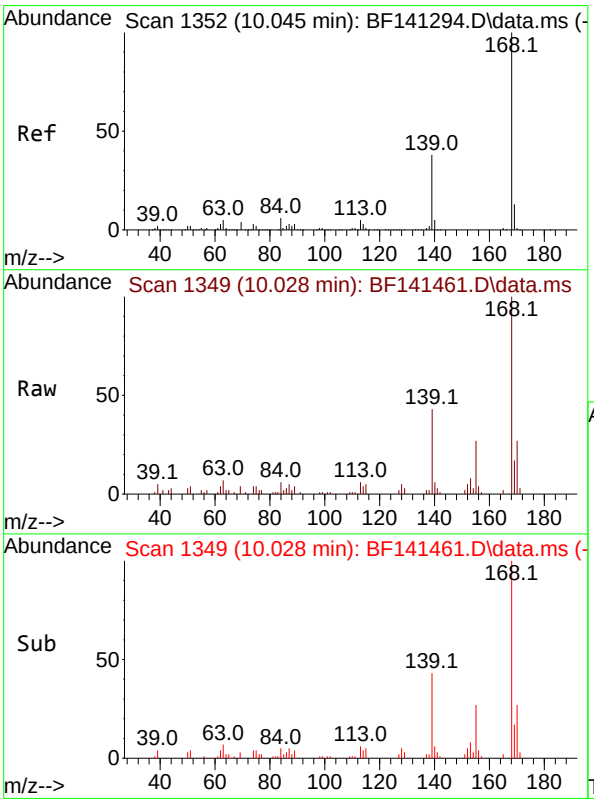
#52
Acenaphthene
Concen: 5.244 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Tgt Ion:154 Resp: 41542

Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.0	133.4
152	50.3	40.2	60.4

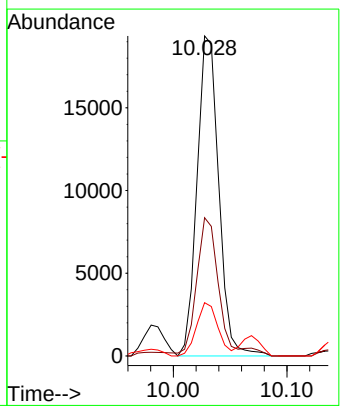


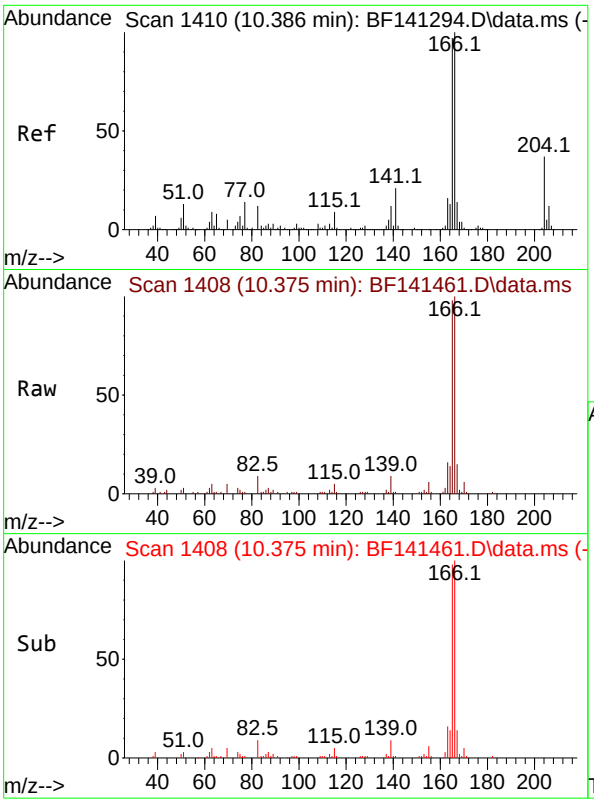


#55
Dibenzofuran
Concen: 2.425 ng
RT: 10.028 min Scan# 1349
Delta R.T. -0.018 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Tgt Ion:168 Resp: 25715

Ion	Ratio	Lower	Upper
168	100		
139	43.2	30.6	46.0
169	16.7	10.8	16.2#



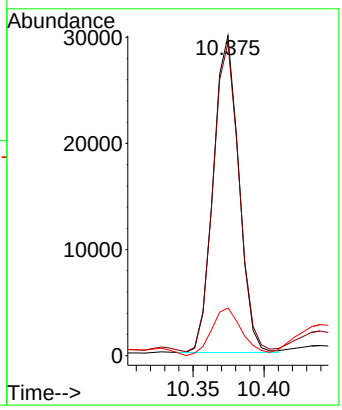


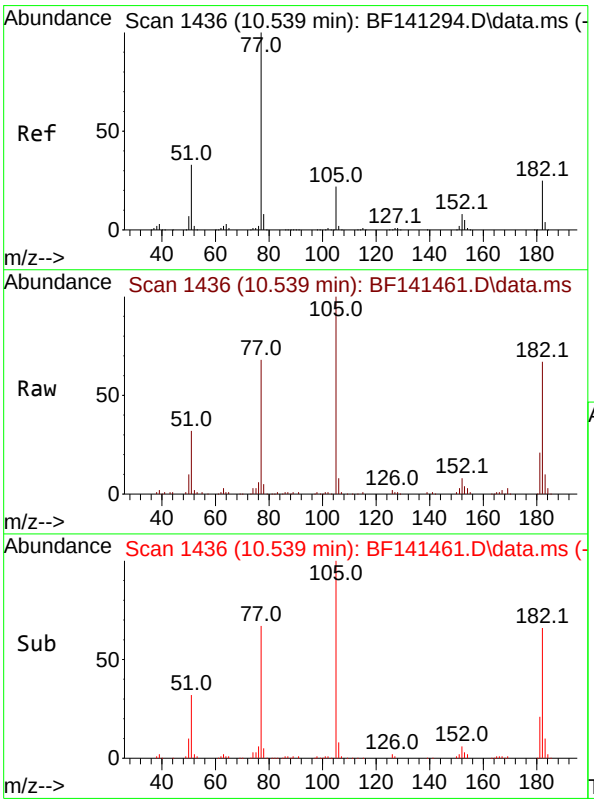
#58
Fluorene
Concen: 4.519 ng
RT: 10.375 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Tgt Ion:166 Resp: 37170

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.5	116.3
167	14.9	10.9	16.3

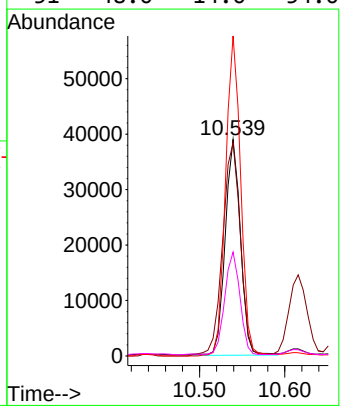


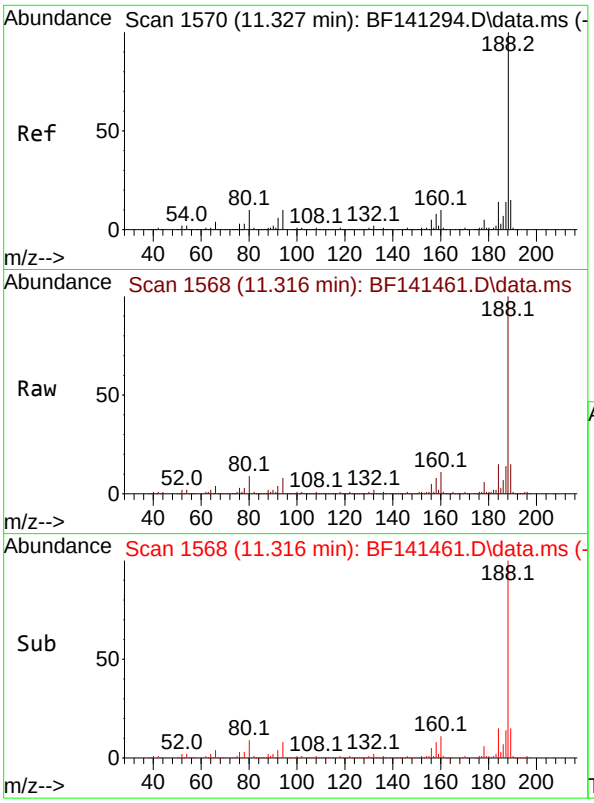


#63
Azobenzene
Concen: 5.694 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Tgt Ion: 77 Resp: 48635

Ion	Ratio	Lower	Upper
77	100		
182	98.5	5.1	45.1#
105	147.8	1.8	41.8#
51	48.0	14.0	54.0



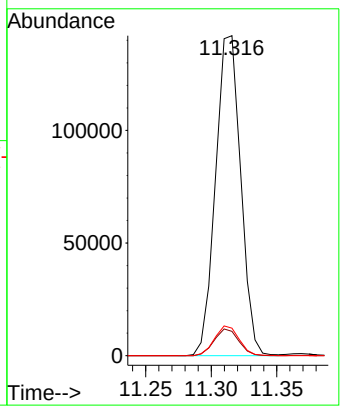


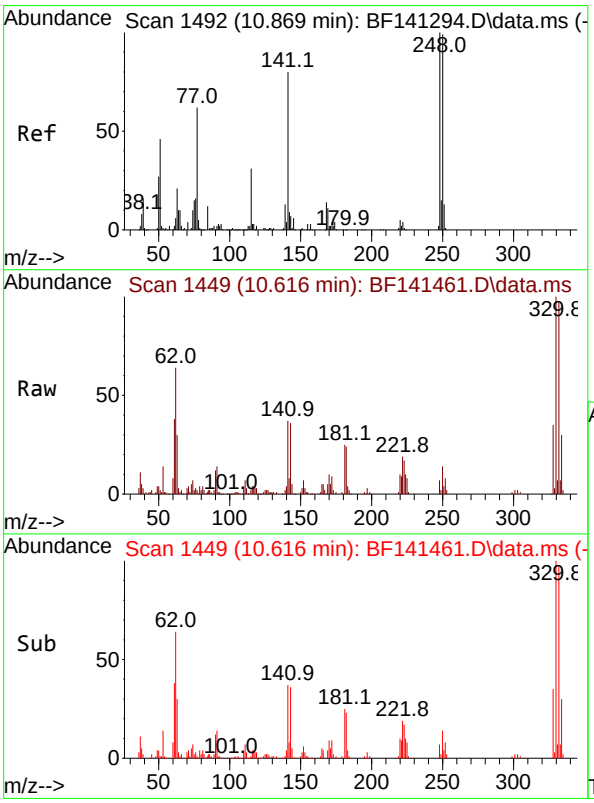
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Tgt Ion:188 Resp: 189517

Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.8	11.6#
80	8.6	8.2	12.4

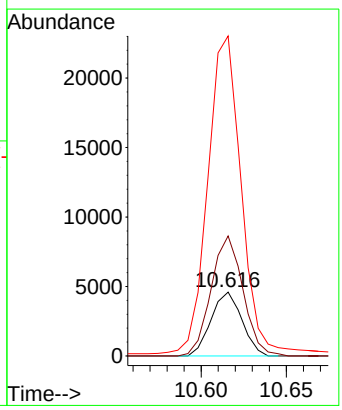


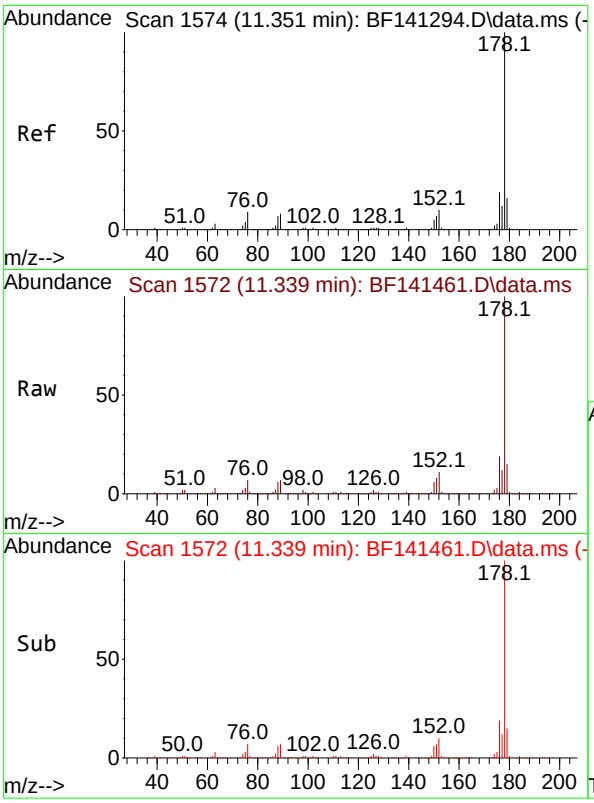


#67
4-Bromophenyl-phenylether
Concen: 2.719 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.259 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Tgt Ion:248 Resp: 5768

Ion	Ratio	Lower	Upper
248	100		
250	188.1	79.0	118.4#
141	501.5	63.7	95.5#



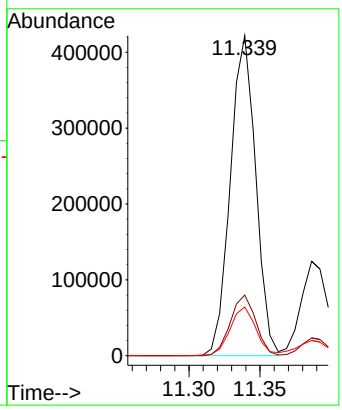


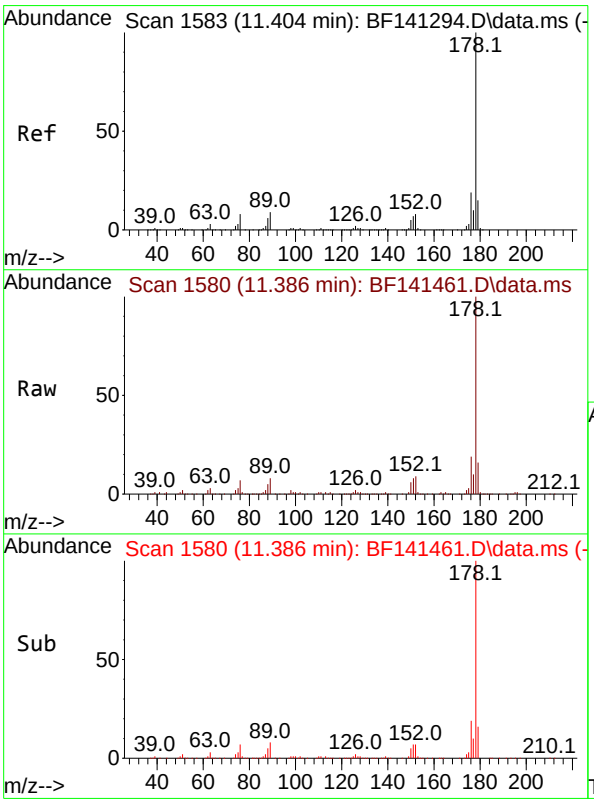
#71
Phenanthrene
Concen: 51.554 ng
RT: 11.339 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Tgt Ion:178 Resp: 525201

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.2	12.5	18.7

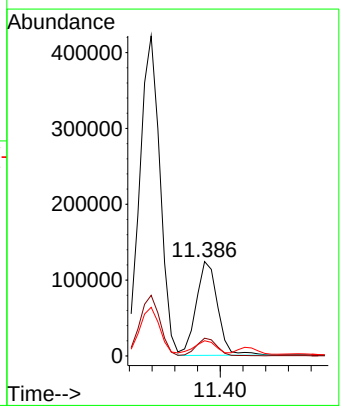


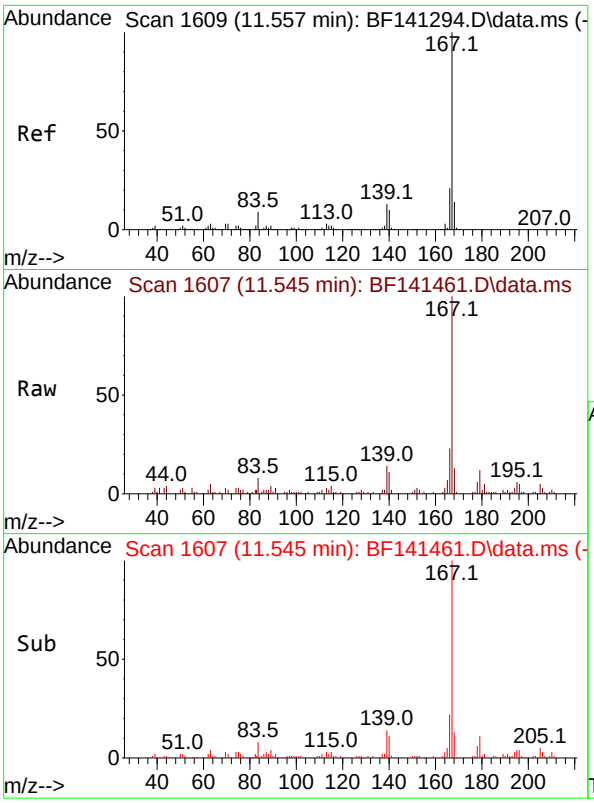


#72
Anthracene
Concen: 16.245 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.018 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Tgt Ion:178 Resp: 162149

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	16.1	12.3	18.5



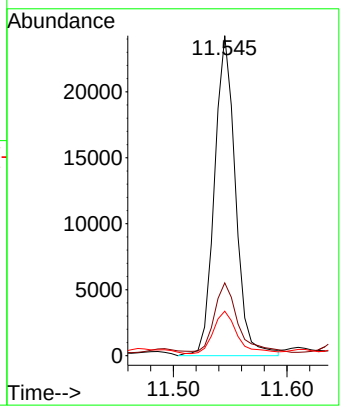


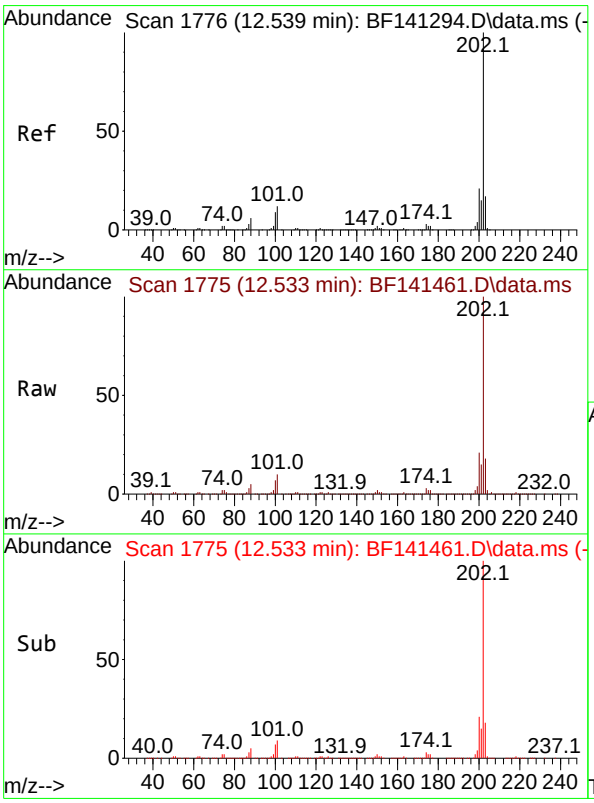
#73
Carbazole
Concen: 3.525 ng
RT: 11.545 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Tgt Ion:167 Resp: 31202

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.0	25.6
139	13.9	10.6	16.0

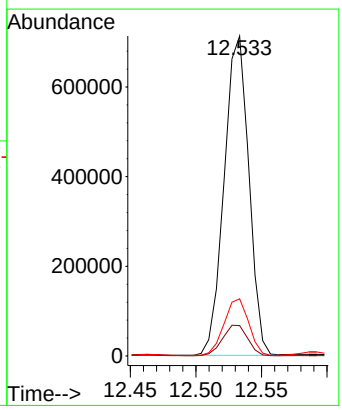


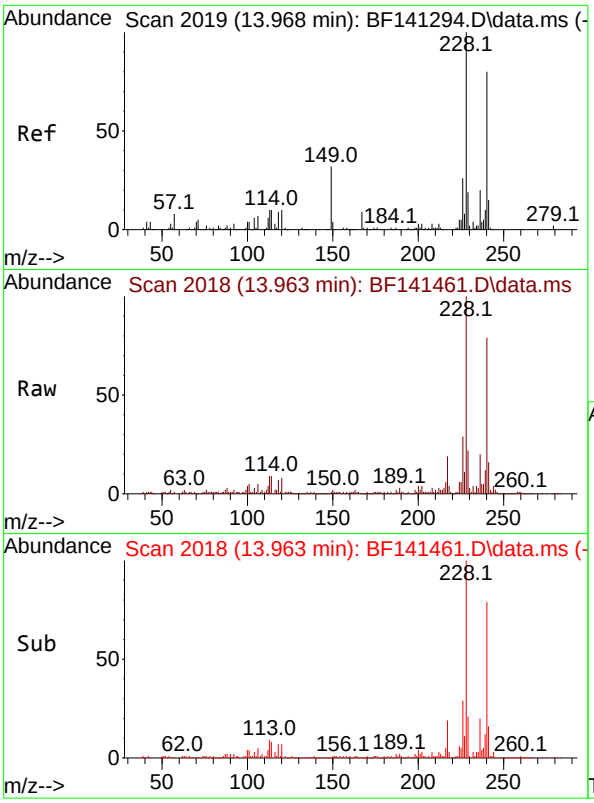


#75
Fluoranthene
Concen: 92.760 ng
RT: 12.533 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Tgt Ion:202 Resp: 933061

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	31.7
203	17.8	0.0	37.5



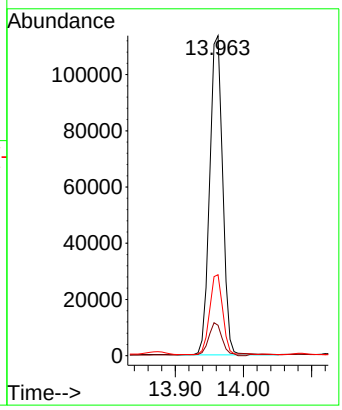


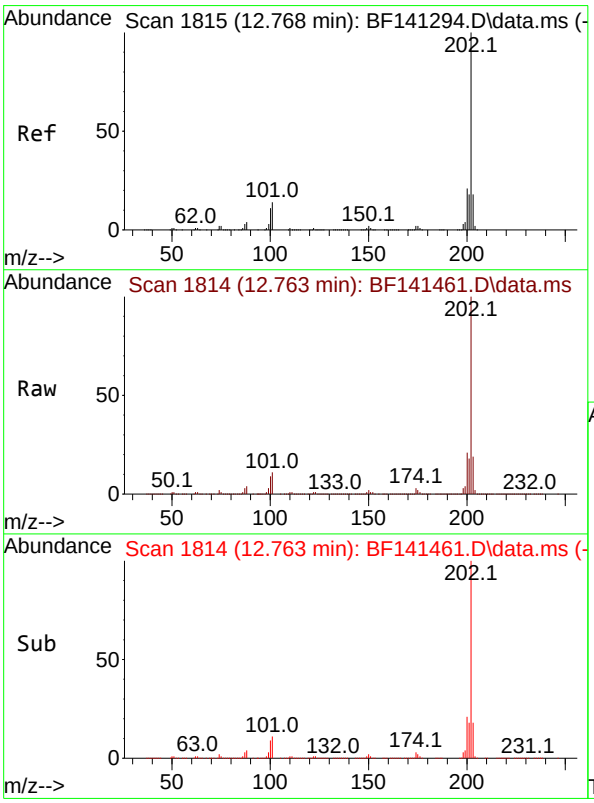
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Tgt Ion:240 Resp: 150837

Ion	Ratio	Lower	Upper
240	100		
120	9.5	10.0	15.0#
236	25.3	19.7	29.5

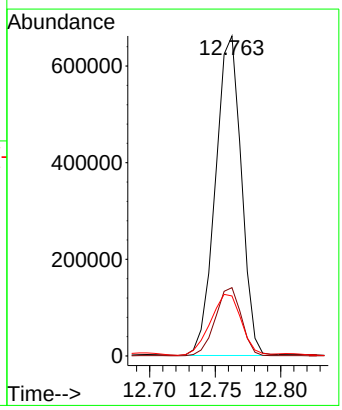


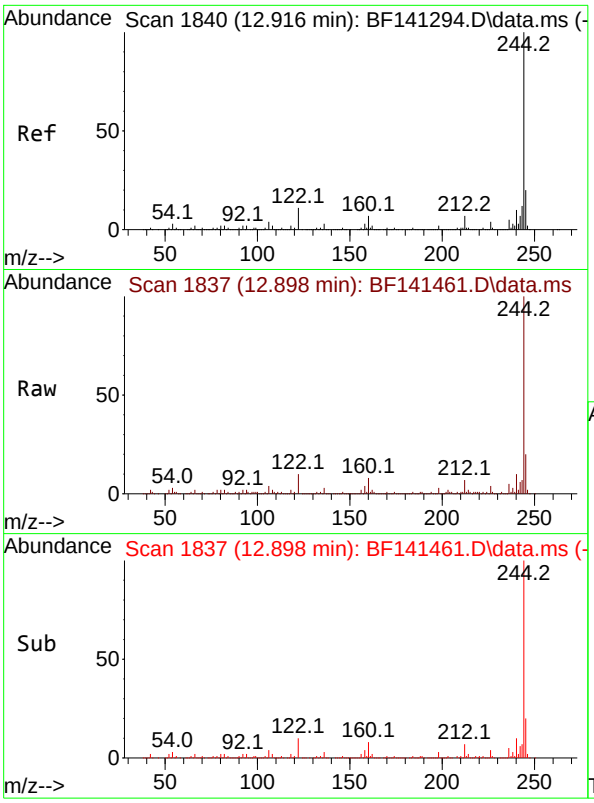


#78
Pyrene
Concen: 62.697 ng
RT: 12.763 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Tgt Ion:202 Resp: 907784

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	18.8	14.3	21.5



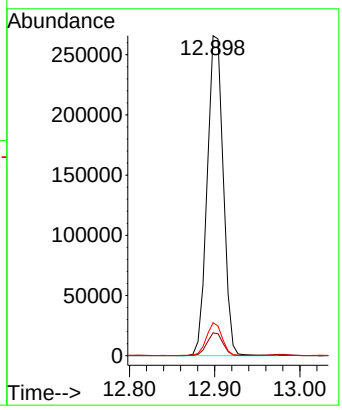


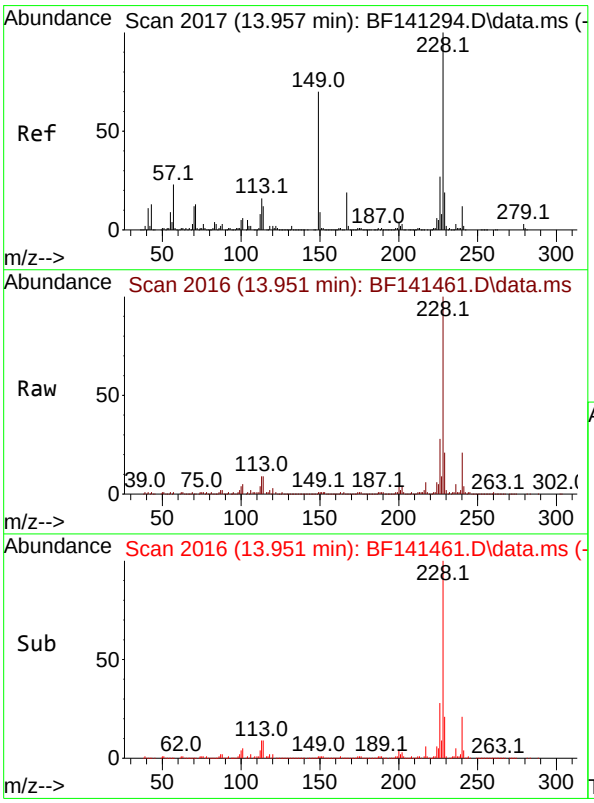
#79
Terphenyl-d14
Concen: 35.538 ng
RT: 12.898 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Tgt Ion:244 Resp: 347592

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.3	8.8	13.2

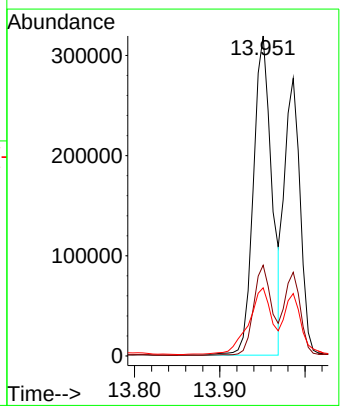


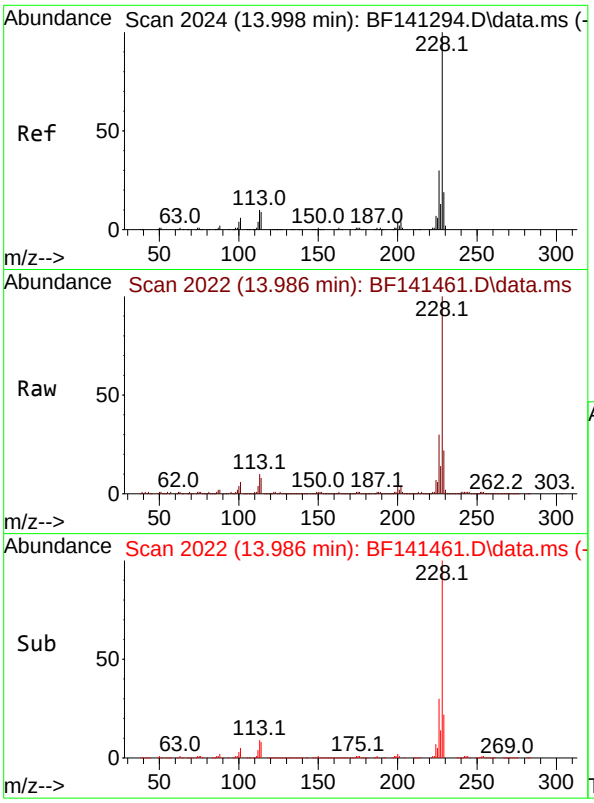


#81
Benzo(a)anthracene
Concen: 46.047 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Tgt Ion:228 Resp: 479288

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.4	32.2
229	21.3	15.5	23.3



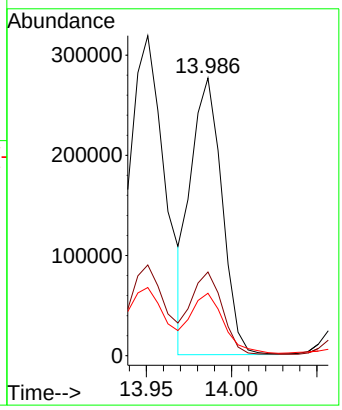


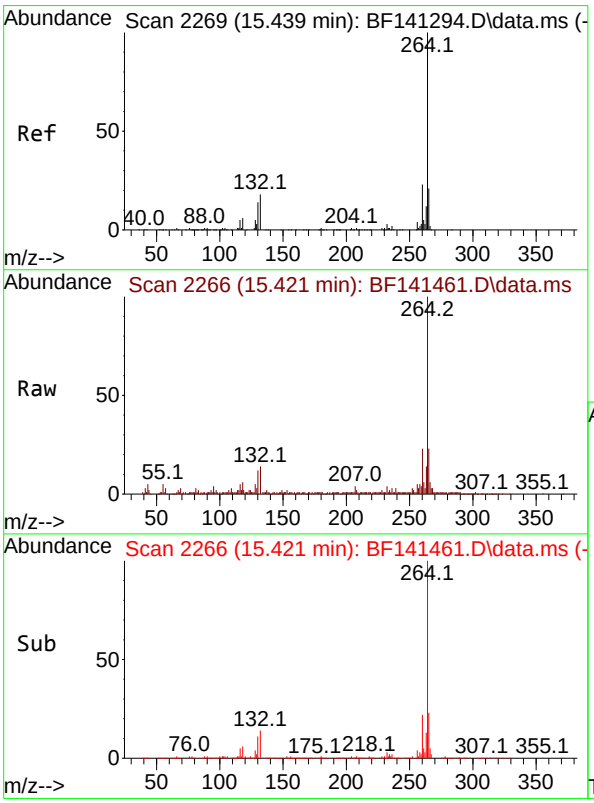
#83
Chrysene
Concen: 36.886 ng
RT: 13.986 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Tgt Ion:228 Resp: 351866

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	22.5	15.6	23.4

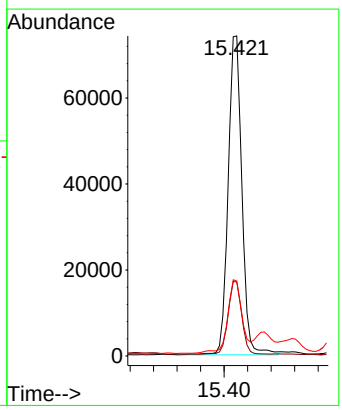


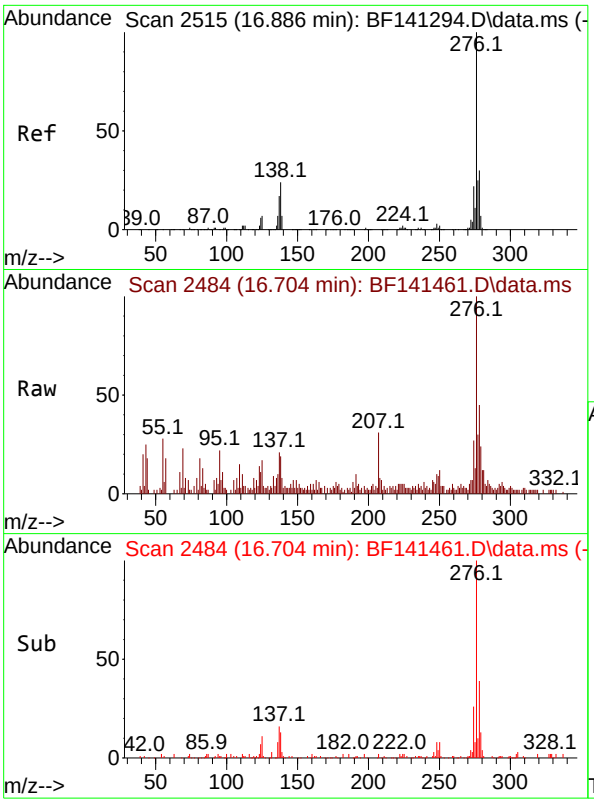


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Tgt Ion:264 Resp: 120024

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	23.5	16.7	25.1



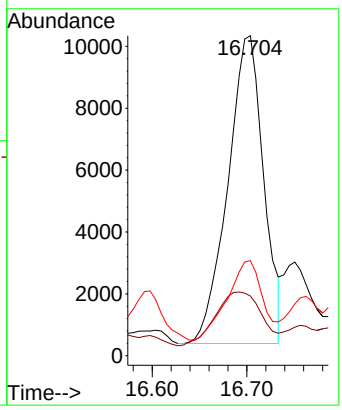


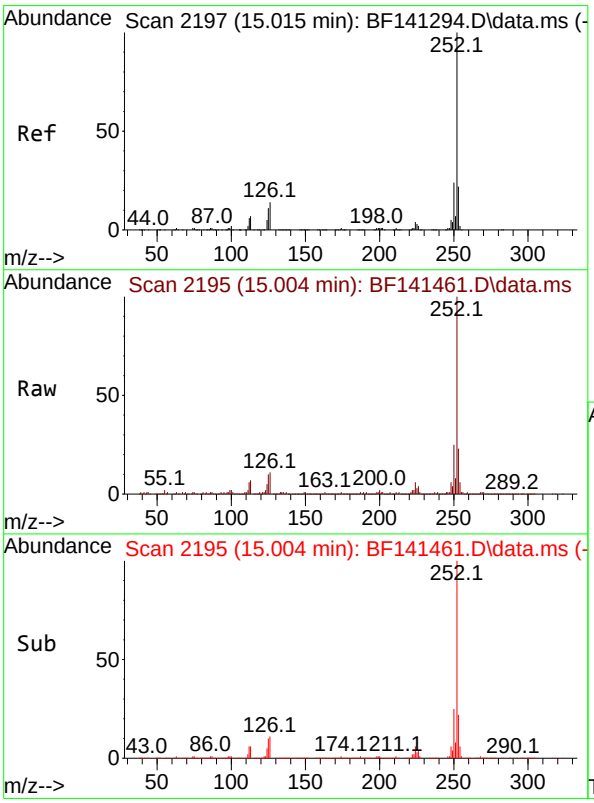
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.378 ng
RT: 16.704 min Scan# 24
Delta R.T. -0.194 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Tgt Ion:276 Resp: 26169

Ion	Ratio	Lower	Upper
276	100		
138	22.4	21.7	32.5
277	25.8	20.3	30.5

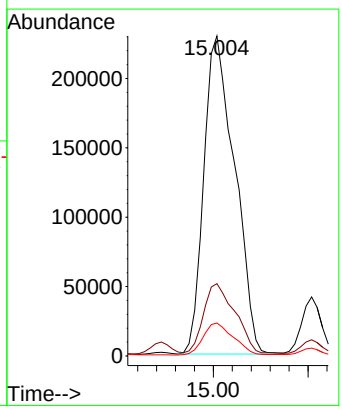


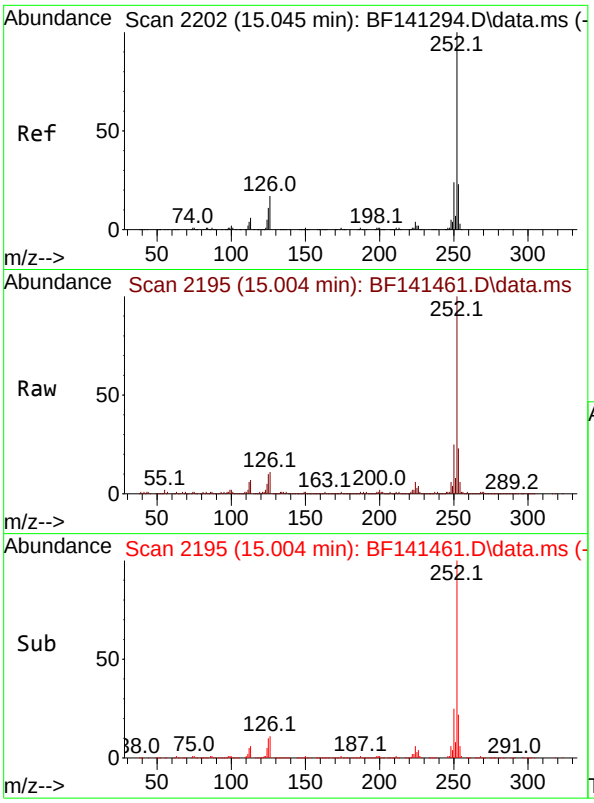


#88
Benzo(b)fluoranthene
Concen: 68.839 ng
RT: 15.004 min Scan# 2195
Delta R.T. -0.018 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Tgt Ion:252 Resp: 519726

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	10.3	8.6	12.8



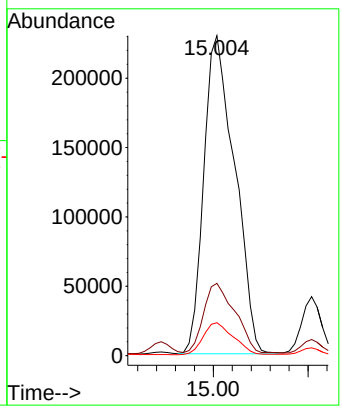


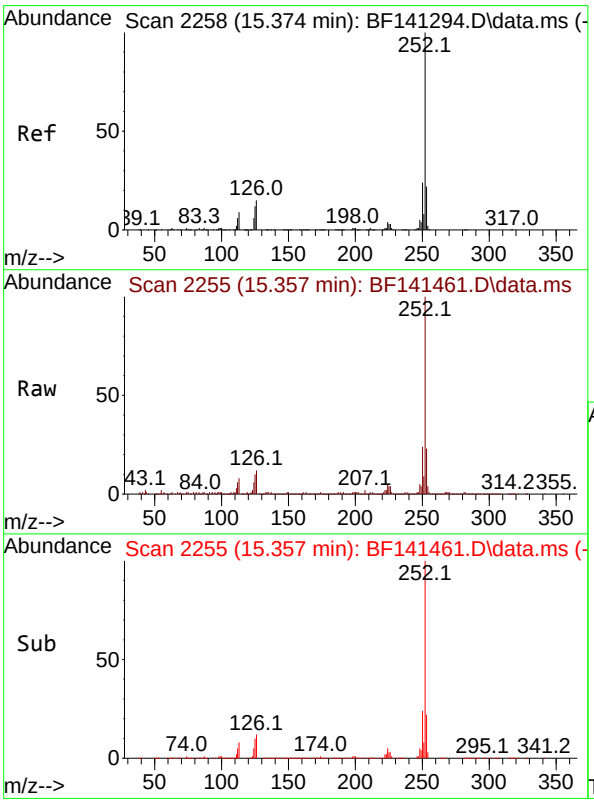
#89
Benzo(k)fluoranthene
Concen: 77.707 ng
RT: 15.004 min Scan# 2
Delta R.T. -0.047 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Tgt Ion:252 Resp: 519726

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	10.3	8.4	12.6

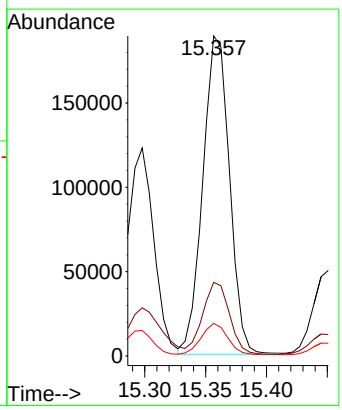


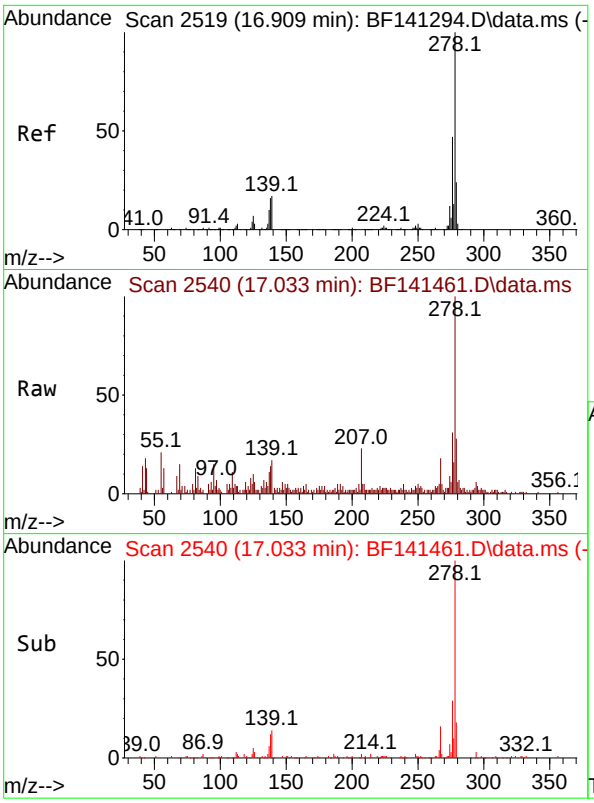


#90
Benzo(a)pyrene
Concen: 45.158 ng
RT: 15.357 min Scan# 2255
Delta R.T. -0.024 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Tgt Ion:252 Resp: 288104

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	10.1	9.4	14.2



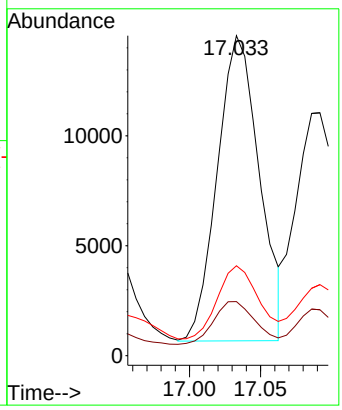


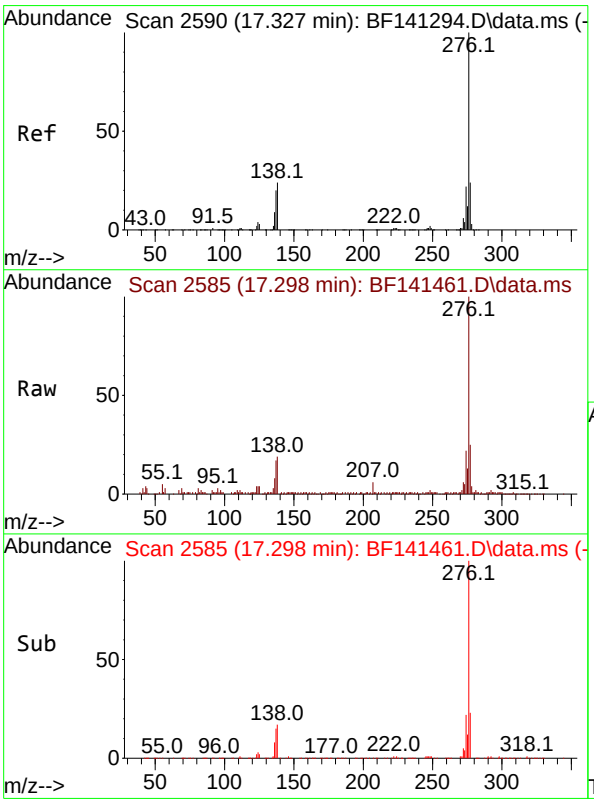
#91
Dibenzo(a,h)anthracene
Concen: 4.597 ng
RT: 17.033 min Scan# 2
Delta R.T. 0.112 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Tgt Ion:278 Resp: 28649

Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.9	20.9
279	28.1	18.8	28.2





#92
Benzo(g,h,i)perylene
Concen: 21.003 ng
RT: 17.298 min Scan# 2585
Delta R.T. -0.047 min
Lab File: BF141461.D
Acq: 05 Feb 2025 21:31

Tgt Ion:276 Resp: 136111

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.2	28.8
138	18.6	19.0	28.4#