Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141572.D
Acq On : 11 Feb 2025 19:45
Operator : RC/JU
Sample : Q1215-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Quant Time: Feb 12 00:07:31 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	6.787	152	70182	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	273856	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	136474	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	200429	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	171735	20.000	ng	-0.01
86) Perylene-d12	15.398	264	170191	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	503302	112.429	ng	0.00
7) Phenol-d6	6.422	99	622878	110.086	ng	-0.02
23) Nitrobenzene-d5	7.345	82	421481	80.275	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	135498	98.836	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	728383	82.227	ng	-0.01
79) Terphenyl-d14	12.892	244	644205	63.326	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	56833	16.792	ng	# 74
25) Isophorone	7.345	82	405845	48.478	ng	# 66
50) Dimethylphthalate	9.822	163	21828	2.356	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	19053	9.407	ng	# 23
52) Acenaphthene	9.851	154	21996	2.811	ng	97
56) 4-Nitrophenol	10.027	139	6543	4.043	ng	# 9
63) Azobenzene	10.533	77	37170	4.102	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	9332	4.166	ng	# 1
71) Phenanthrene	11.327	178	329452	29.861	ng	99
72) Anthracene	11.380	178	77876	7.022	ng	98
75) Fluoranthene	12.521	202	640471	54.756	ng	99
78) Pyrene	12.751	202	655531	44.840	ng	99
81) Benzo(a)anthracene	13.939	228	377212	33.043	ng	98
83) Chrysene	13.974	228	292972	27.794	ng	98
87) Indeno(1,2,3-cd)pyrene	16.833	276	153860	14.631	ng	95
88) Benzo(b)fluoranthene	14.986	252	552888	48.382	ng	97
89) Benzo(k)fluoranthene	14.986	252	552888	56.660	ng	99
90) Benzo(a)pyrene	15.339	252	308861	33.402	ng	97
91) Dibenzo(a,h)anthracene	16.839	278	40207	4.719	ng	# 80
92) Benzo(g,h,i)perylene	17.268	276	147728	16.567	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Quant Time: Feb 12 00:07:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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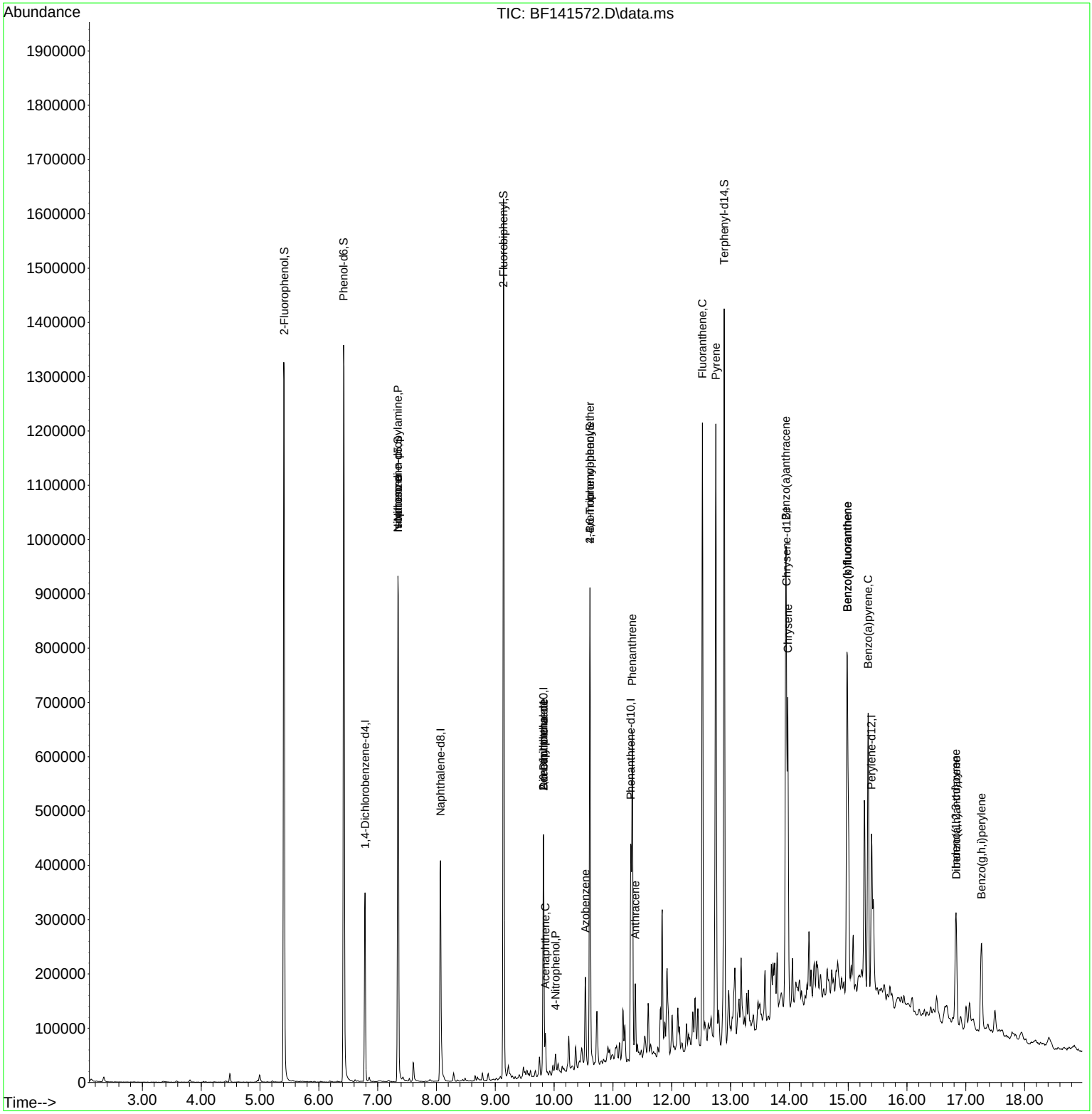
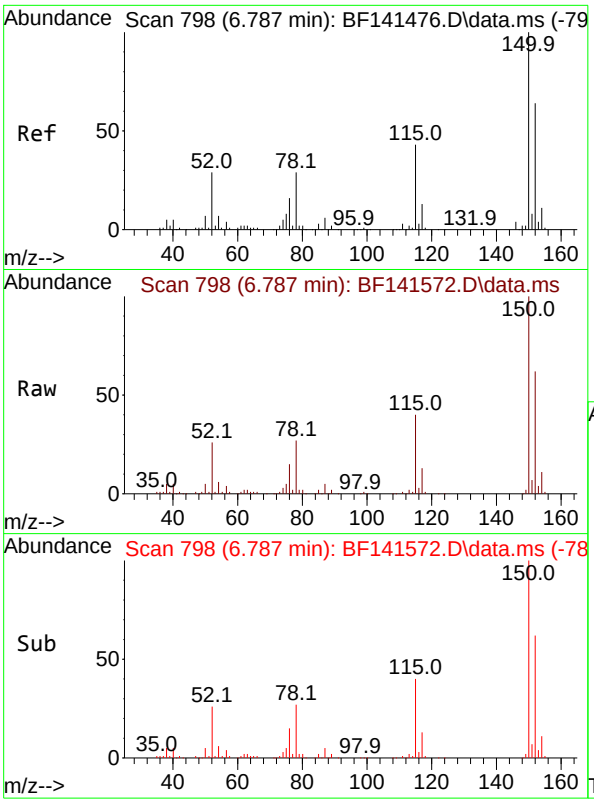


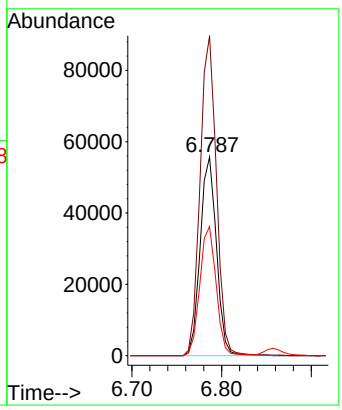


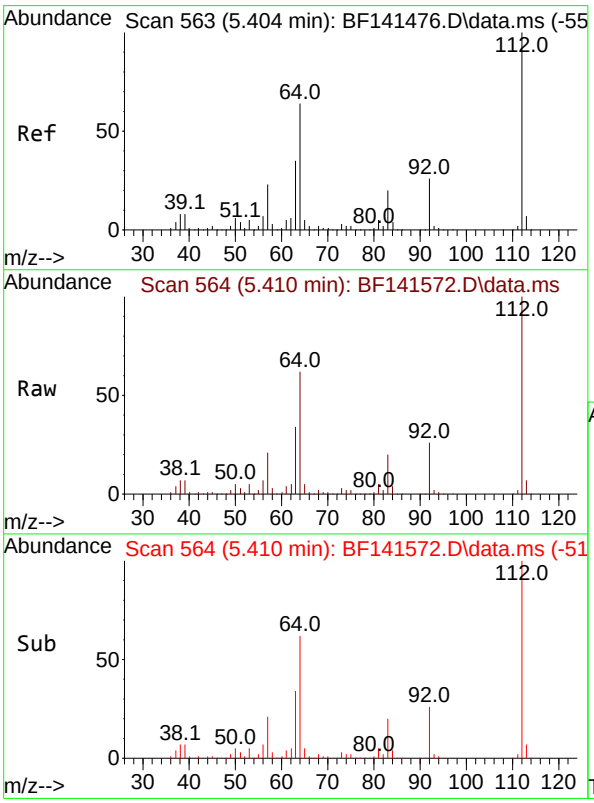
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Tgt Ion:152 Resp: 70182

Ion	Ratio	Lower	Upper
152	100		
150	161.0	125.0	187.4
115	64.9	53.6	80.4

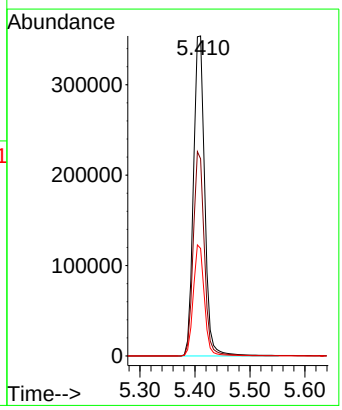


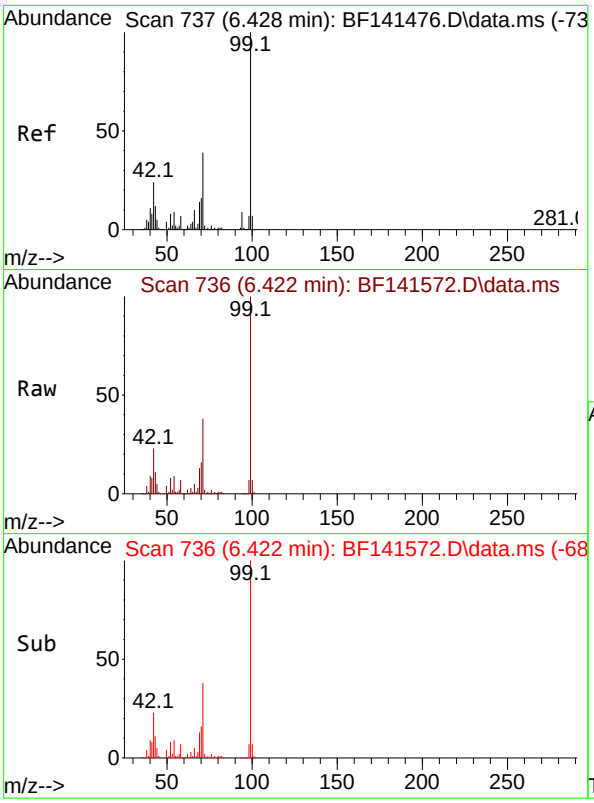


#5
2-Fluorophenol
Concen: 112.429 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Tgt Ion:112 Resp: 503302

Ion	Ratio	Lower	Upper
112	100		
64	61.6	51.1	76.7
63	33.6	28.4	42.6



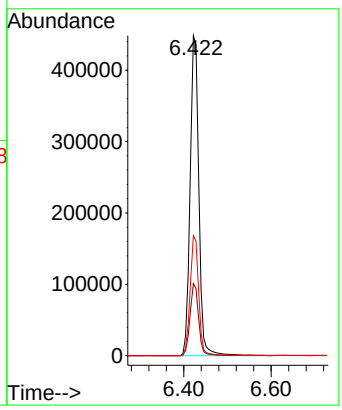


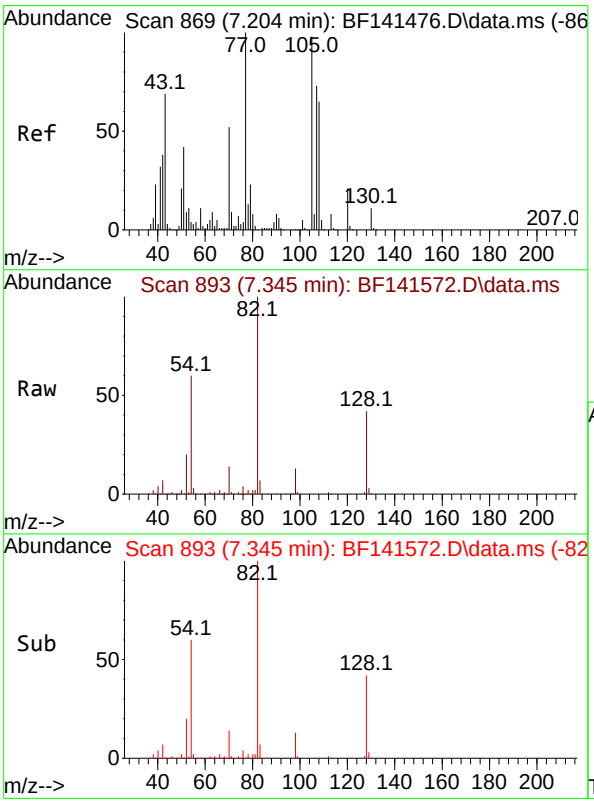
#7
Phenol-d6
Concen: 110.086 ng
RT: 6.422 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Tgt Ion: 99 Resp: 622878

Ion	Ratio	Lower	Upper
99	100		
42	22.5	19.1	28.7
71	37.5	31.1	46.7

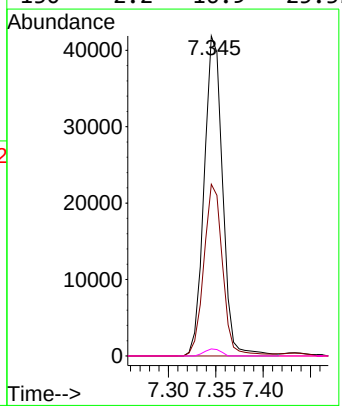


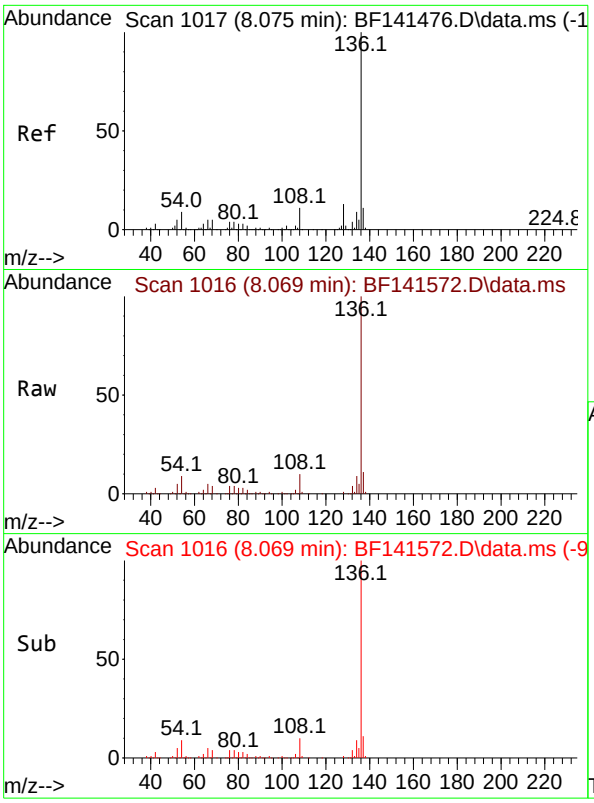


#19
n-Nitroso-di-n-propylamine
Concen: 16.792 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.129 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Tgt Ion: 70 Resp: 56833

Ion	Ratio	Lower	Upper
70	100		
42	53.6	57.4	86.2#
101	0.0	8.0	12.0#
130	2.2	16.9	25.3#



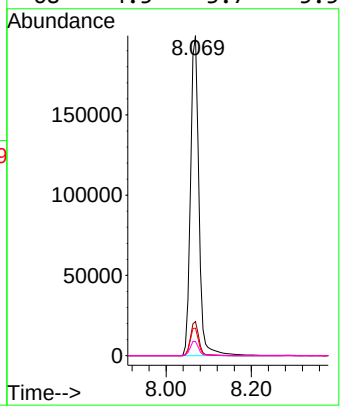


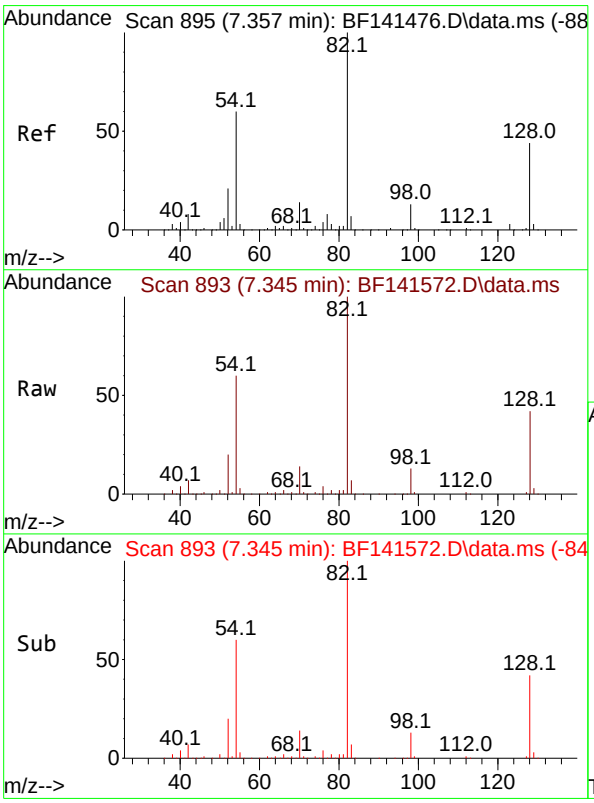
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Tgt Ion:136 Resp: 273856

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.6	7.2	10.8
68	4.5	3.7	5.5

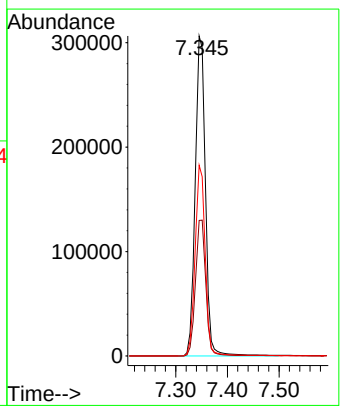


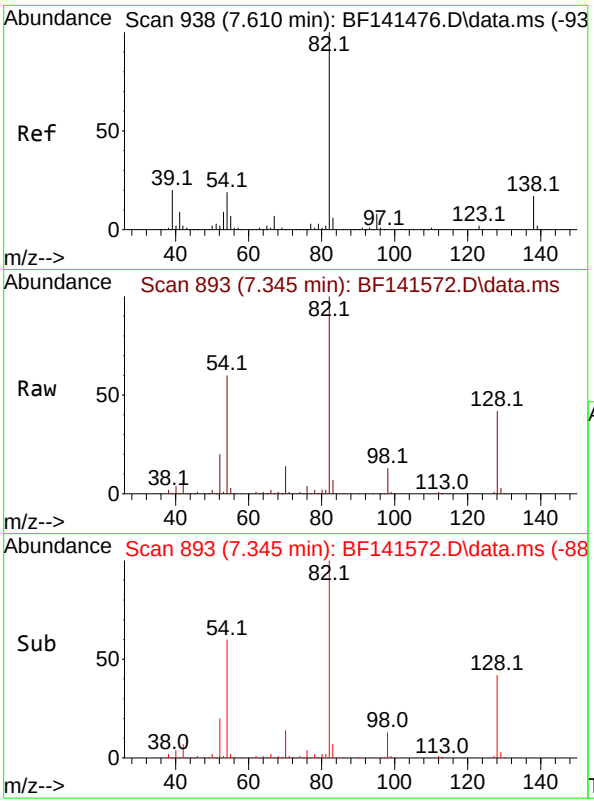


#23
Nitrobenzene-d5
Concen: 80.275 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Tgt Ion: 82 Resp: 421481

Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.8	52.2
54	59.6	48.2	72.4



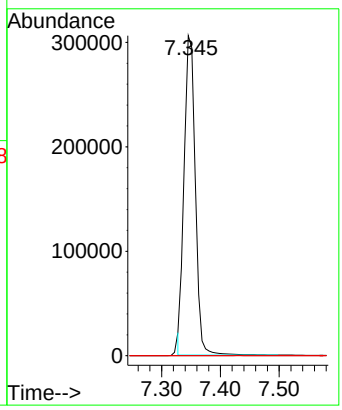


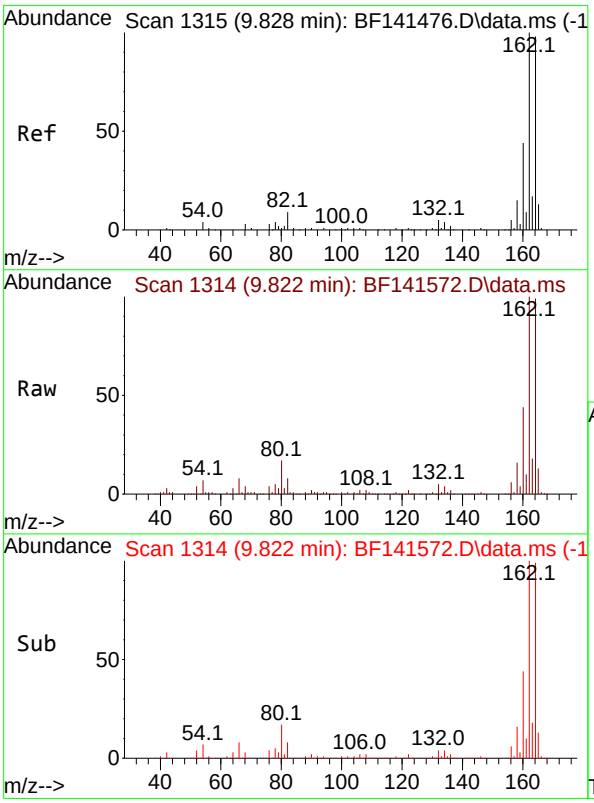
#25
Isophorone
Concen: 48.478 ng
RT: 7.345 min Scan# 8
Delta R.T. -0.276 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Tgt Ion: 82 Resp: 405845

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

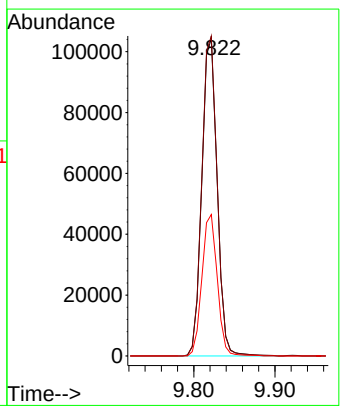


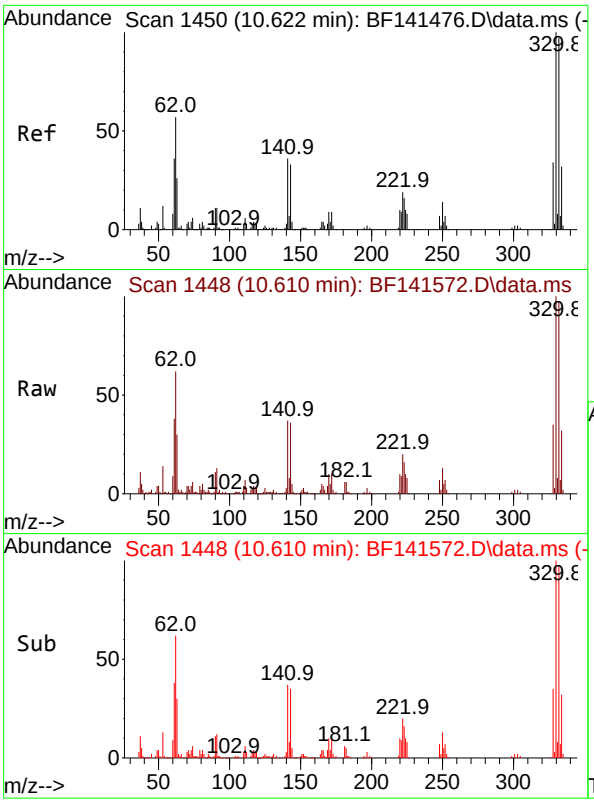


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Tgt Ion:164 Resp: 136474

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.3	121.9
160	44.6	35.9	53.9



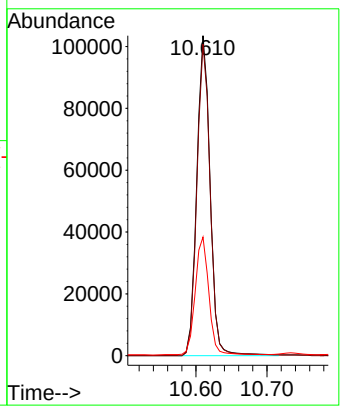


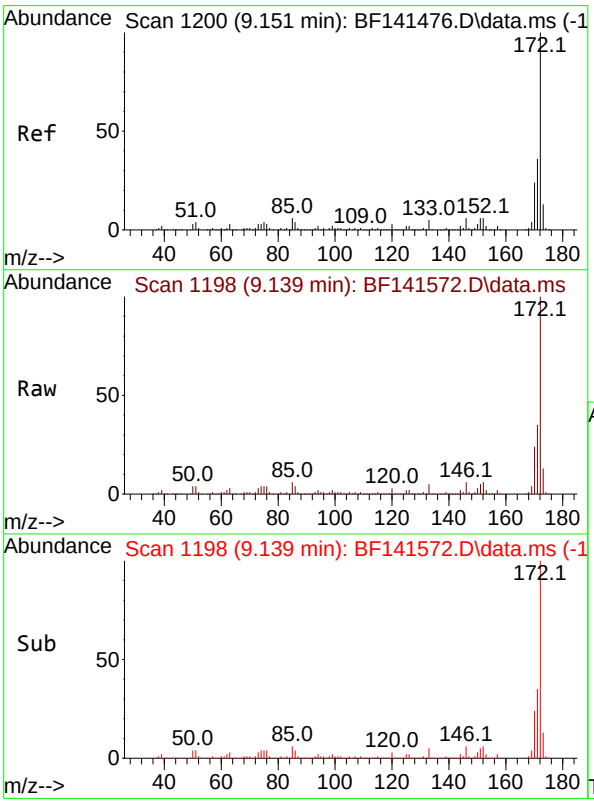
#42
2,4,6-Tribromophenol
Concen: 98.836 ng
RT: 10.610 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Tgt Ion:330 Resp: 135498

Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.5	117.7
141	37.7	31.0	46.4

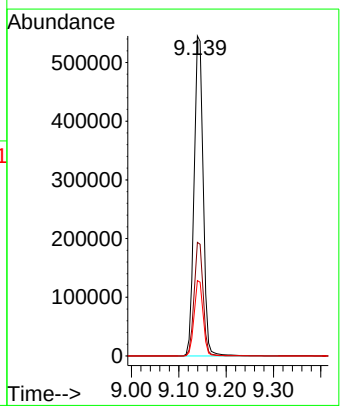


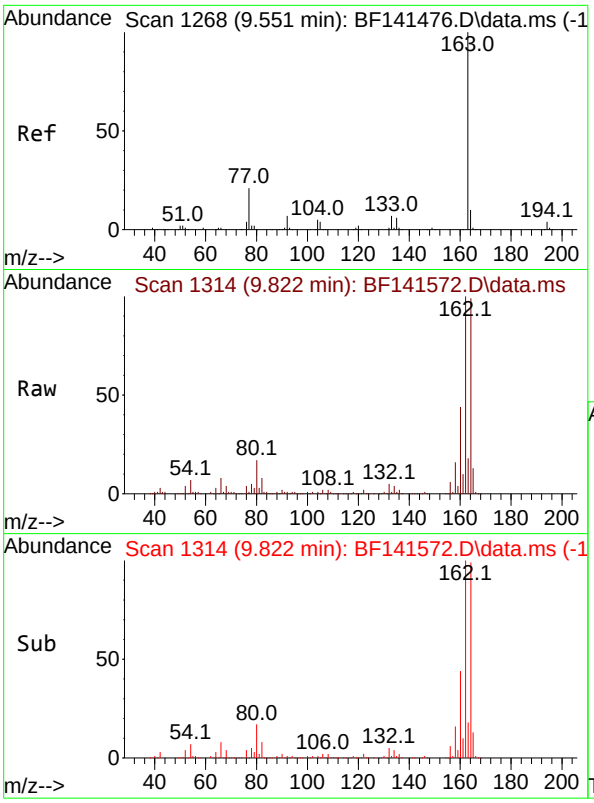


#45
2-Fluorobiphenyl
Concen: 82.227 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Tgt Ion:172 Resp: 728383

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.7	43.1
170	23.5	18.9	28.3



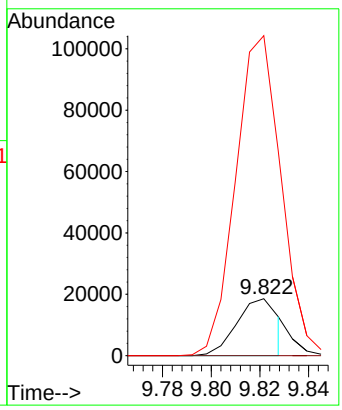


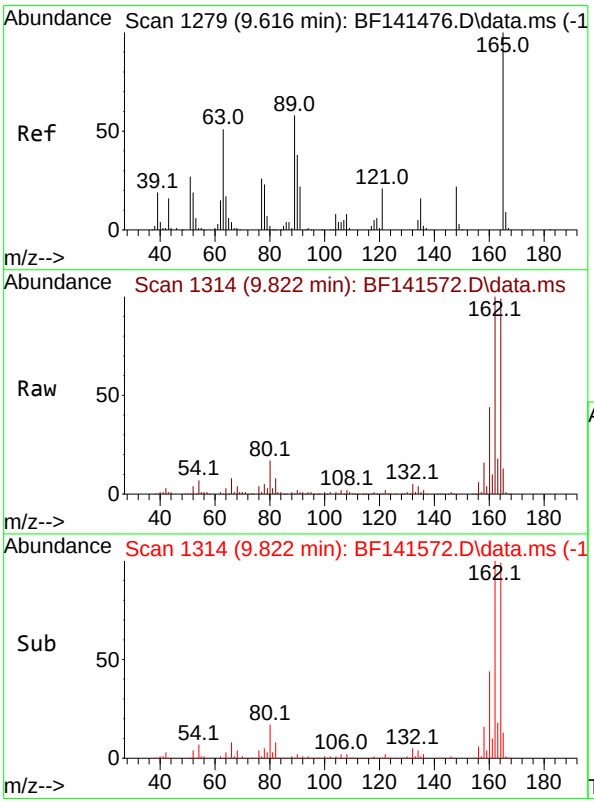
#50
Dimethylphthalate
Concen: 2.356 ng
RT: 9.822 min Scan# 1
Delta R.T. 0.259 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Tgt Ion:163 Resp: 21828

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.4#
164	562.4	7.9	11.9#

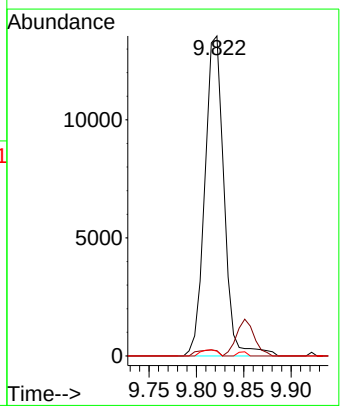


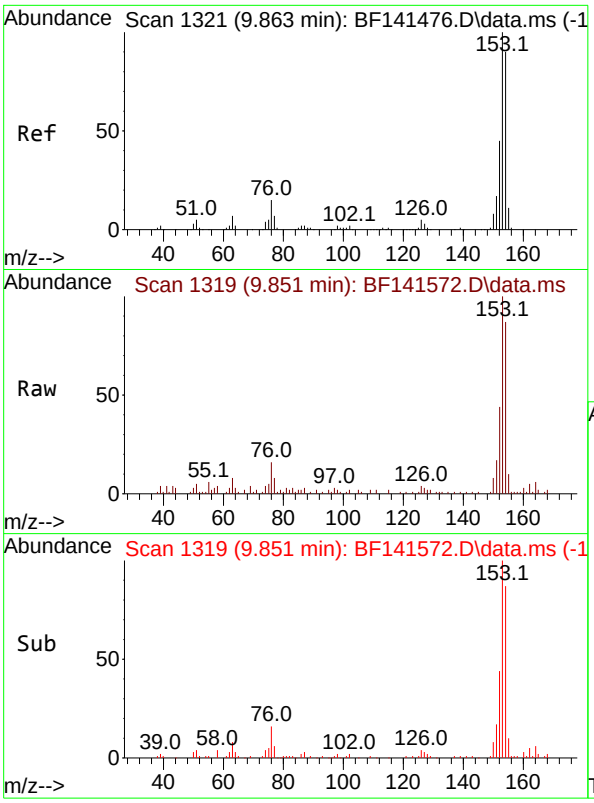


#51
2,6-Dinitrotoluene
Concen: 9.407 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.200 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Tgt Ion:165 Resp: 19053

Ion	Ratio	Lower	Upper
165	100		
63	1.6	49.4	74.0#
89	1.5	46.5	69.7#



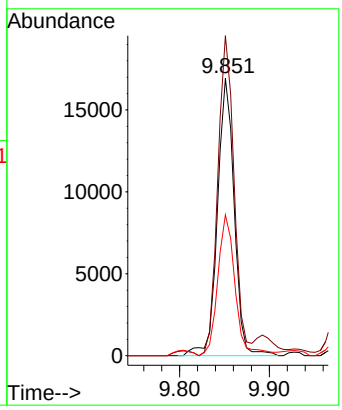


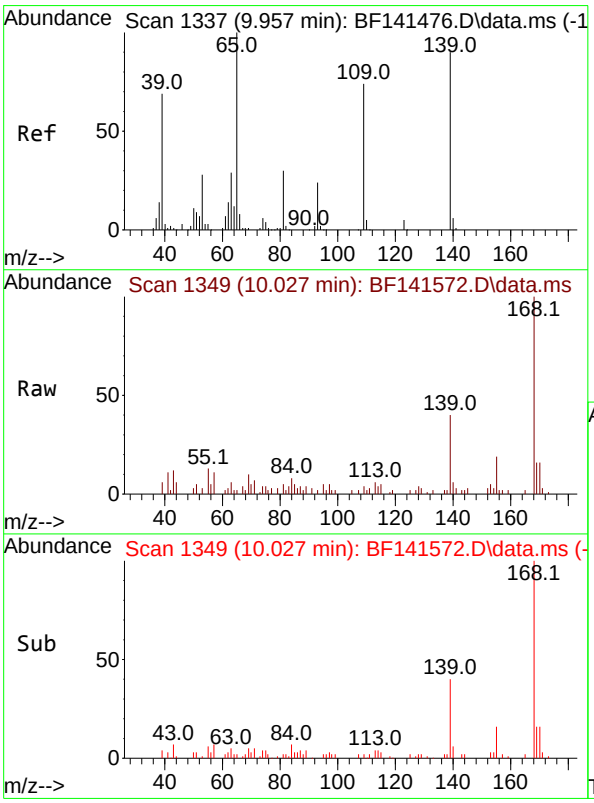
#52
Acenaphthene
Concen: 2.811 ng
RT: 9.851 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Tgt Ion:154 Resp: 21996

Ion	Ratio	Lower	Upper
154	100		
153	115.4	89.2	133.8
152	50.8	39.8	59.8

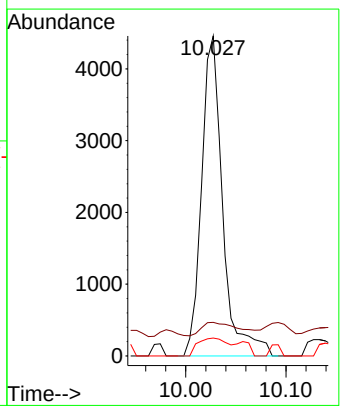


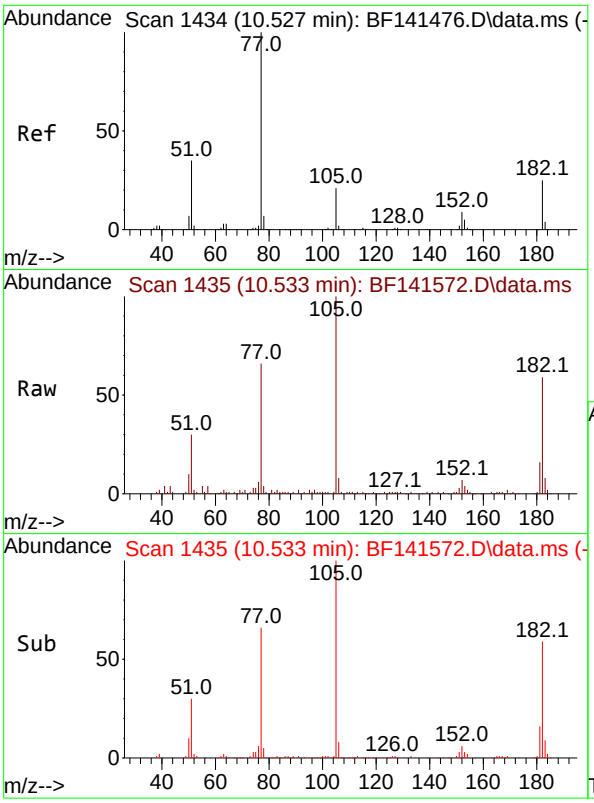


#56
4-Nitrophenol
Concen: 4.043 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.059 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Tgt Ion:139 Resp: 6543

Ion	Ratio	Lower	Upper
139	100		
109	10.5	62.0	102.0#
65	5.6	91.2	131.2#



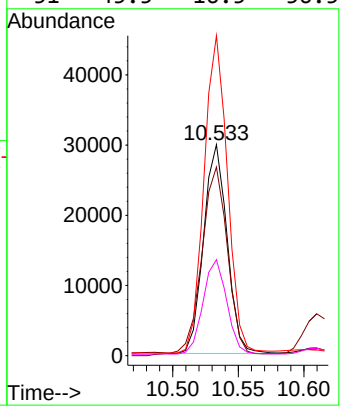


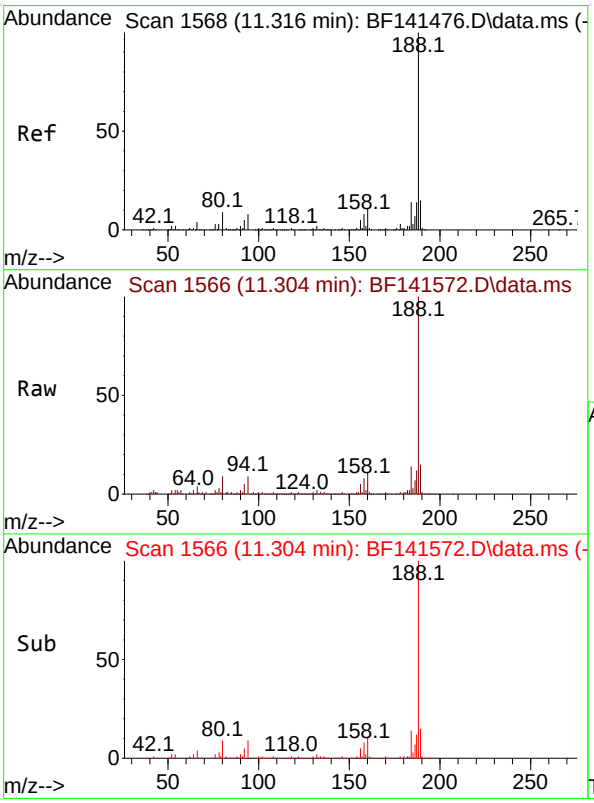
#63
Azobenzene
Concen: 4.102 ng
RT: 10.533 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Tgt Ion: 77 Resp: 37170

Ion	Ratio	Lower	Upper
77	100		
182	89.4	4.7	44.7#
105	151.6	0.4	40.4#
51	45.5	16.5	56.5

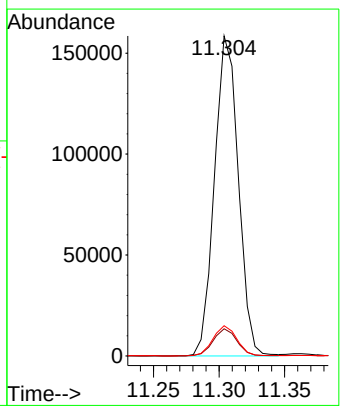


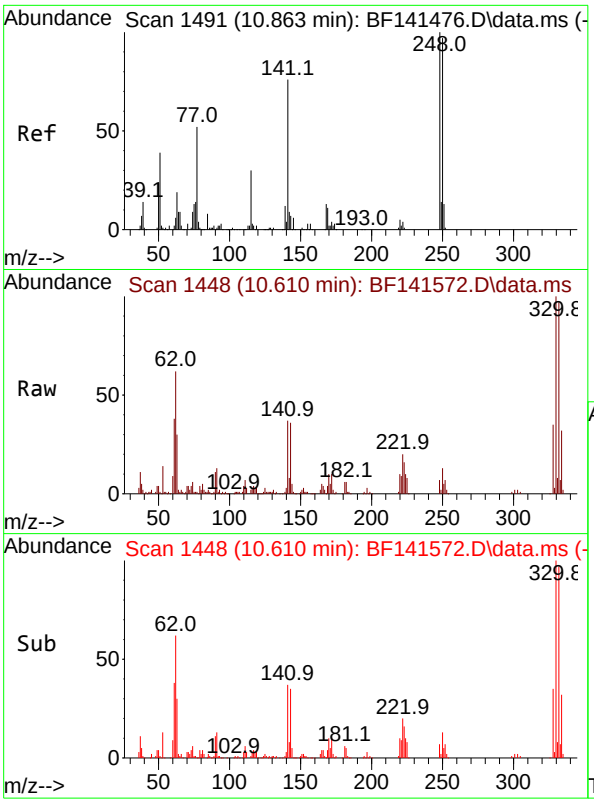


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Tgt Ion:188 Resp: 200429

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.5	7.3	10.9



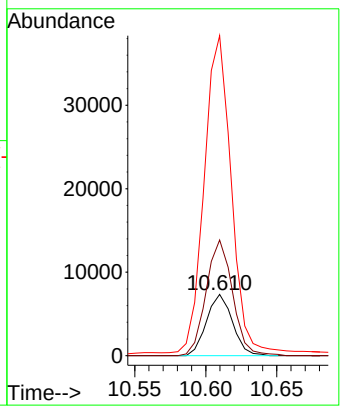


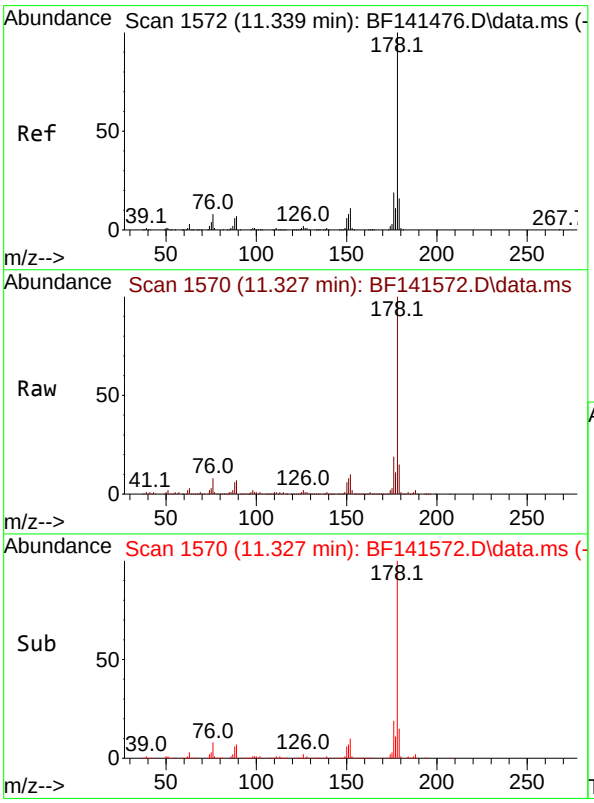
#67
4-Bromophenyl-phenylether
Concen: 4.166 ng
RT: 10.610 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Tgt Ion:248 Resp: 9332

Ion	Ratio	Lower	Upper
248	100		
250	189.0	77.8	116.6#
141	522.3	60.6	90.8#

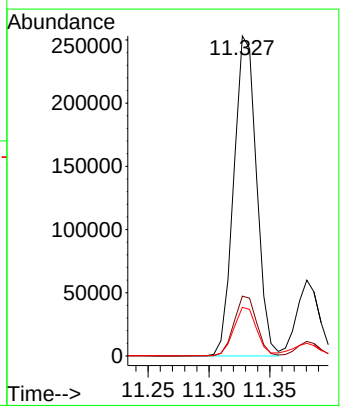


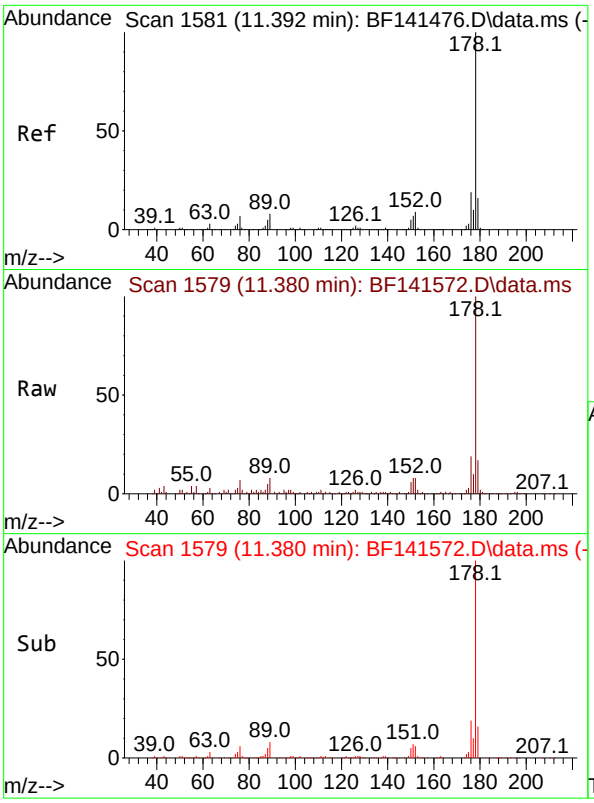


#71
Phenanthrene
Concen: 29.861 ng
RT: 11.327 min Scan# 1570
Delta R.T. -0.018 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Tgt Ion:178 Resp: 329452

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	15.2	12.4	18.6



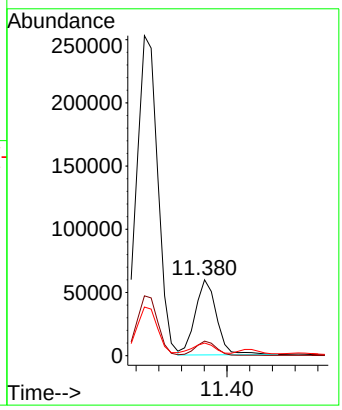


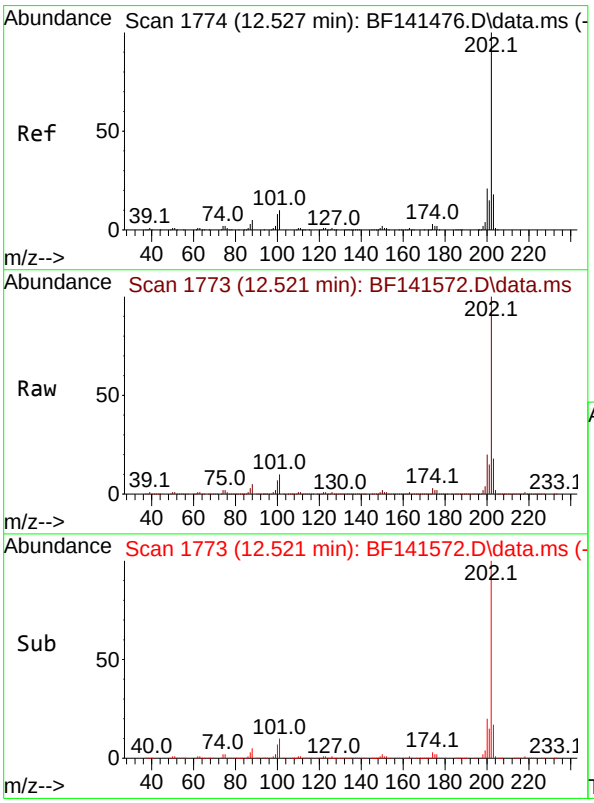
#72
Anthracene
Concen: 7.022 ng
RT: 11.380 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Tgt Ion:178 Resp: 77876

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.8	22.2
179	16.7	12.4	18.6

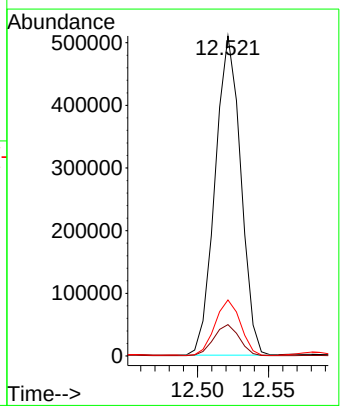


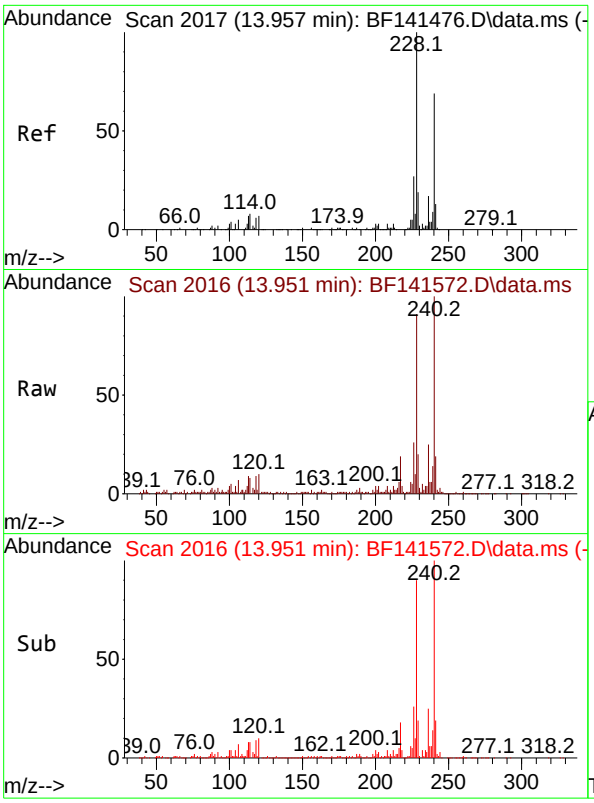


#75
Fluoranthene
Concen: 54.756 ng
RT: 12.521 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Tgt Ion:202 Resp: 640471

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.2
203	17.5	0.0	37.6



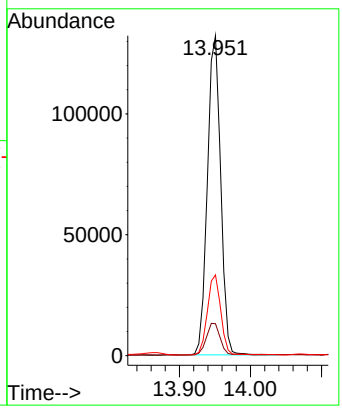


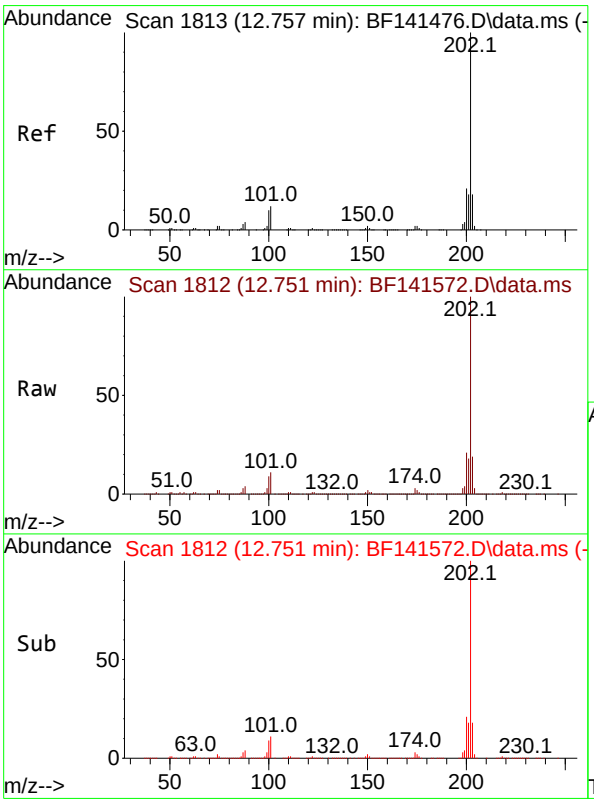
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Tgt Ion:240 Resp: 171735

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.0	12.0
236	25.3	19.8	29.8

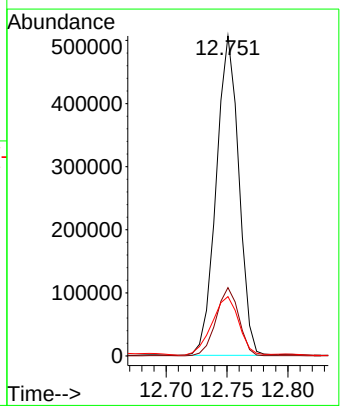


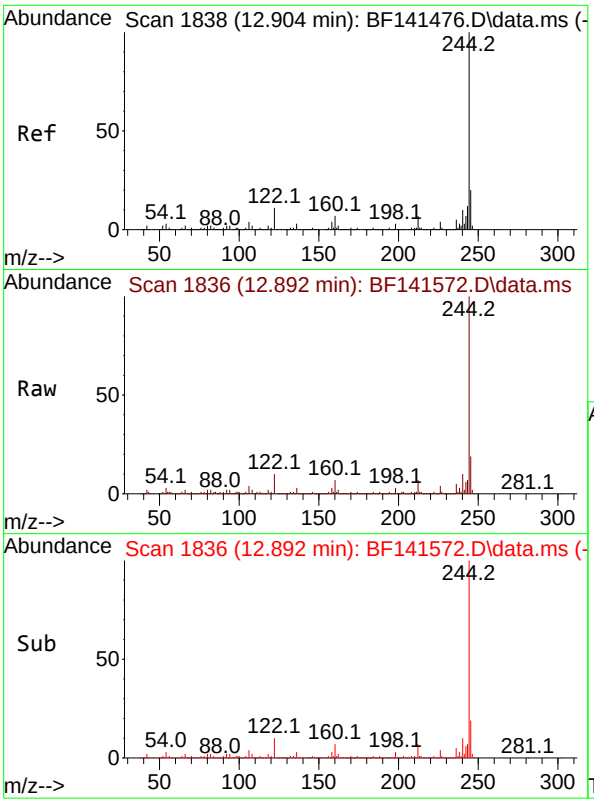


#78
Pyrene
Concen: 44.840 ng
RT: 12.751 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Tgt Ion:202 Resp: 655531

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	18.5	14.3	21.5



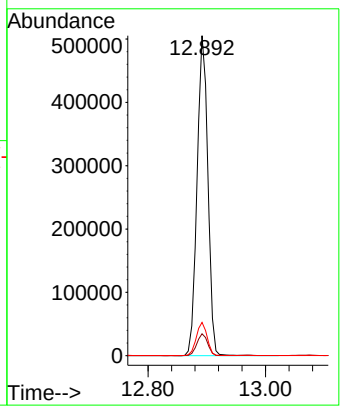


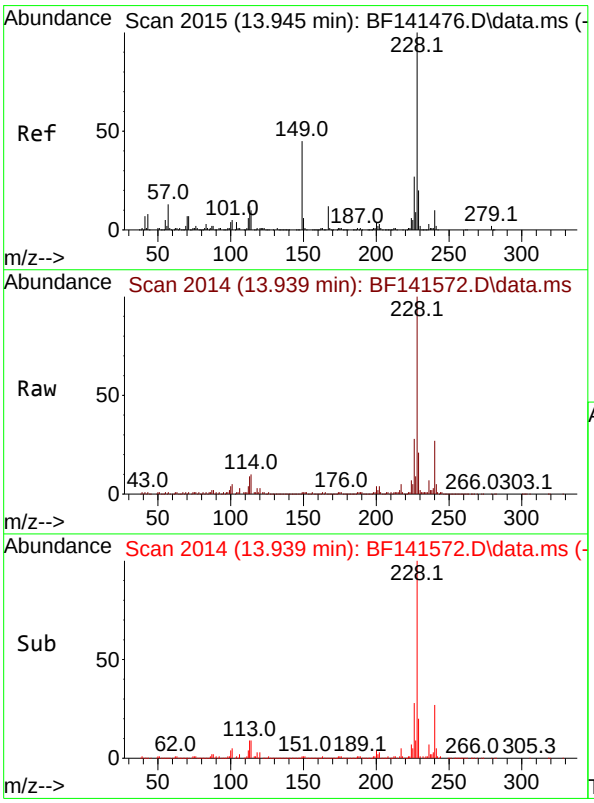
#79
Terphenyl-d14
Concen: 63.326 ng
RT: 12.892 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Tgt Ion:244 Resp: 644205

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.4	8.4	12.6

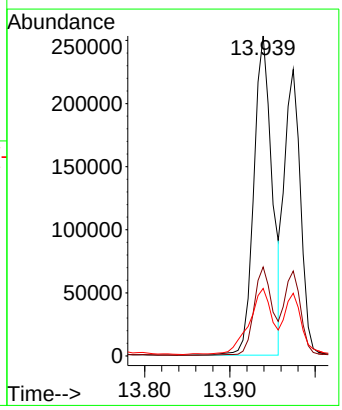


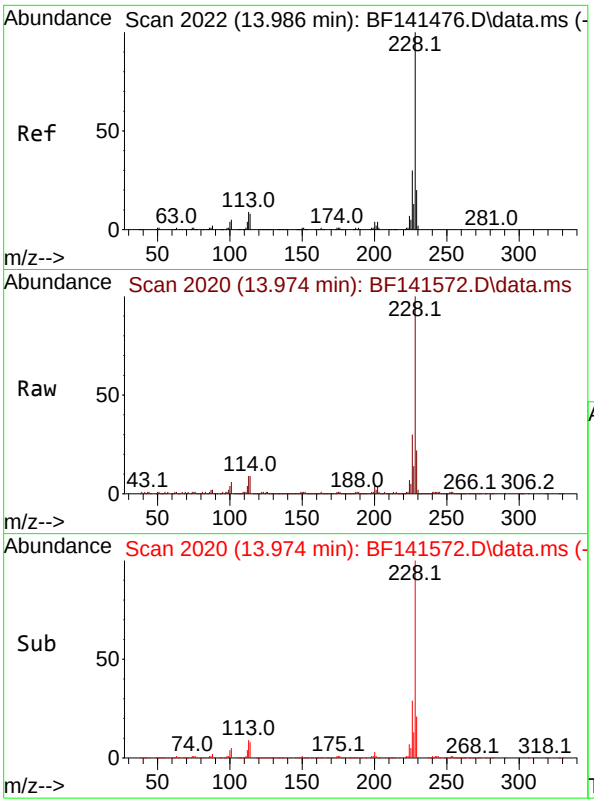


#81
Benzo(a)anthracene
Concen: 33.043 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Tgt Ion:228 Resp: 377212

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	21.1	15.8	23.6



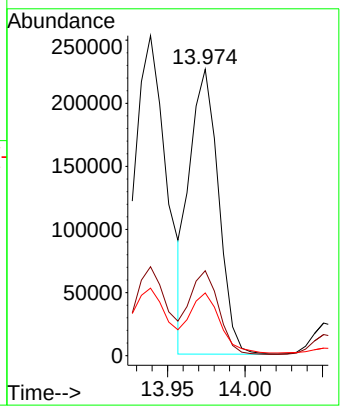


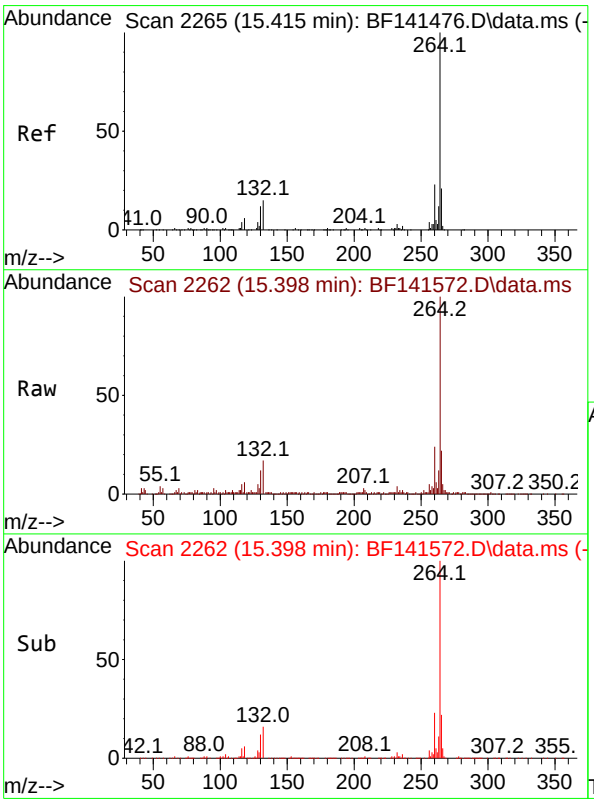
#83
Chrysene
Concen: 27.794 ng
RT: 13.974 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Tgt Ion:228 Resp: 292972

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	21.9	15.7	23.5

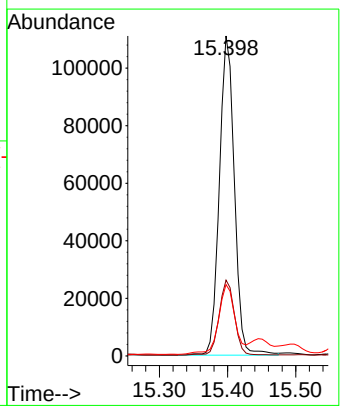


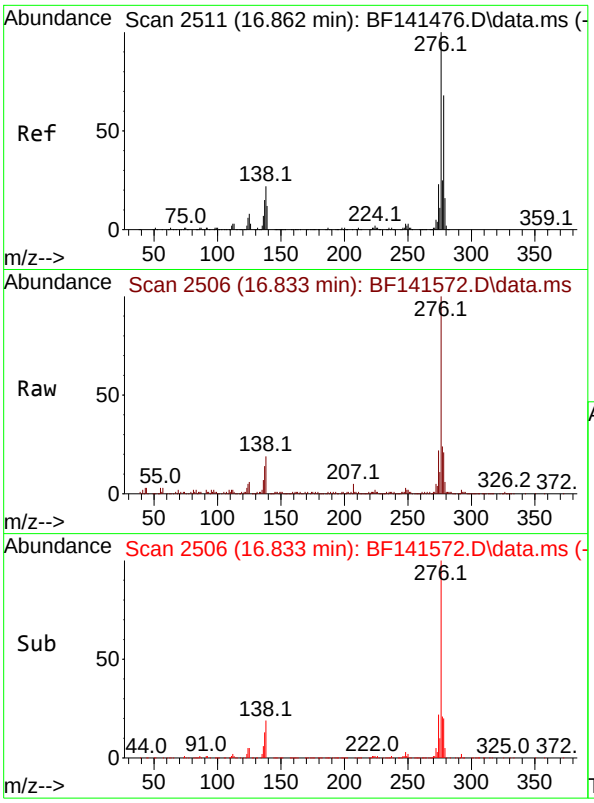


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 2262
Delta R.T. -0.018 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Tgt Ion:264 Resp: 170191

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	22.3	17.0	25.4



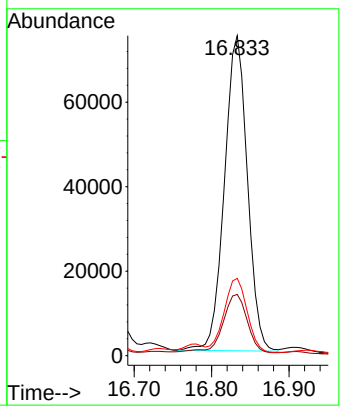


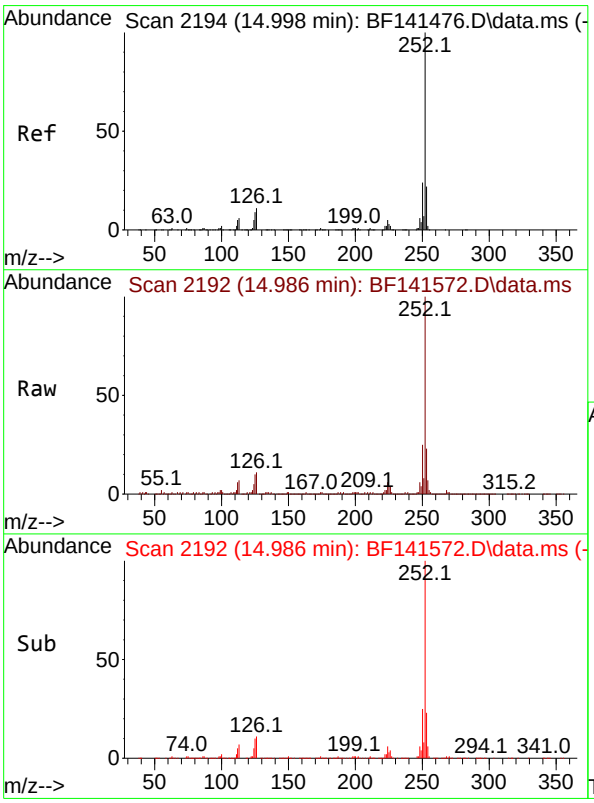
#87
Indeno(1,2,3-cd)pyrene
Concen: 14.631 ng
RT: 16.833 min Scan# 2
Delta R.T. -0.041 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Tgt Ion:276 Resp: 153860

Ion	Ratio	Lower	Upper
276	100		
138	19.5	18.0	27.0
277	23.7	20.4	30.6

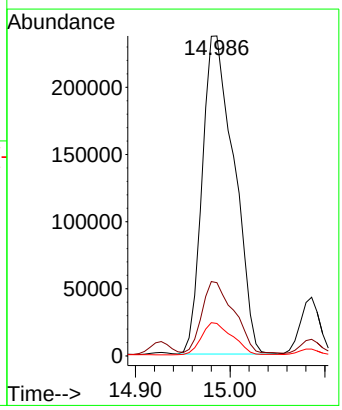


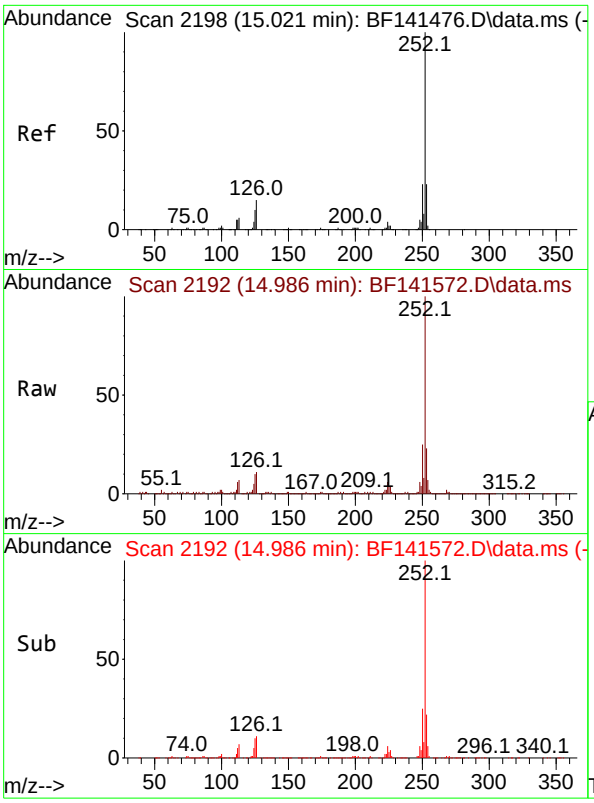


#88
Benzo(b)fluoranthene
Concen: 48.382 ng
RT: 14.986 min Scan# 2192
Delta R.T. -0.018 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Tgt Ion:252 Resp: 552888

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	10.2	7.0	10.6



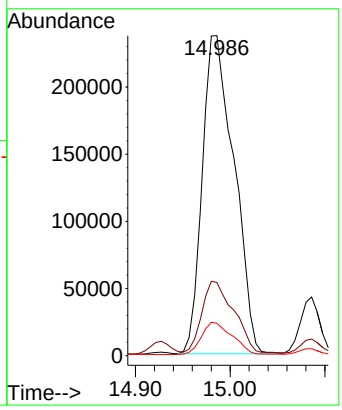


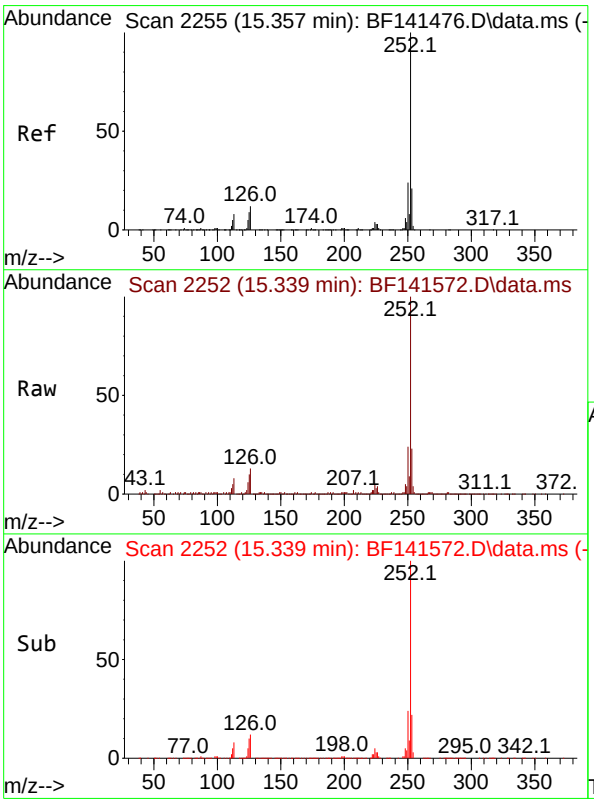
#89
Benzo(k)fluoranthene
Concen: 56.660 ng
RT: 14.986 min Scan# 21
Delta R.T. -0.047 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Tgt Ion:252 Resp: 552888

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	10.2	7.4	11.0

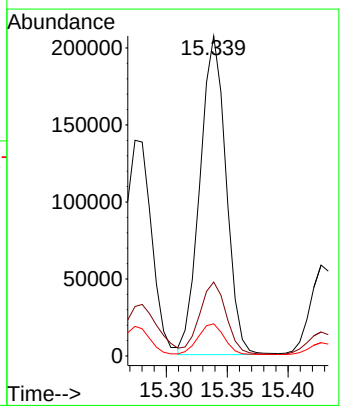


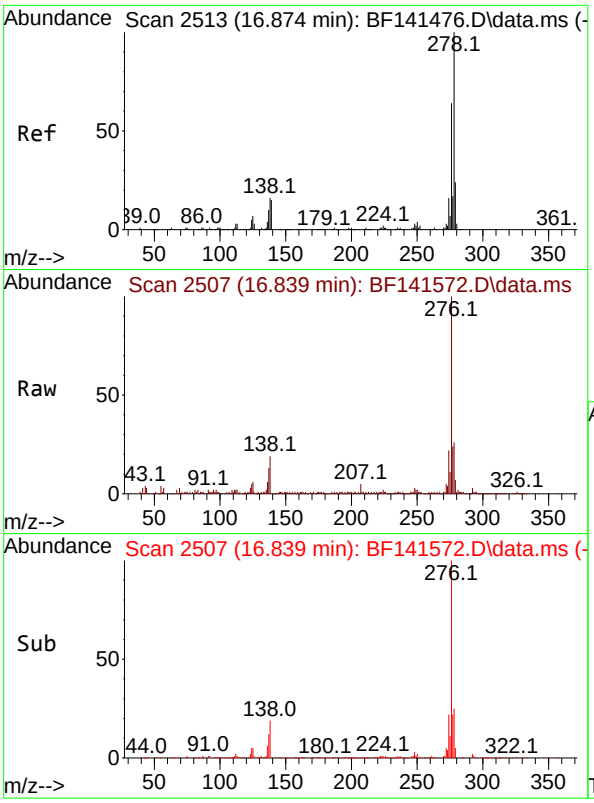


#90
Benzo(a)pyrene
Concen: 33.402 ng
RT: 15.339 min Scan# 2252
Delta R.T. -0.023 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Tgt Ion:252 Resp: 308861

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	10.0	7.4	11.2



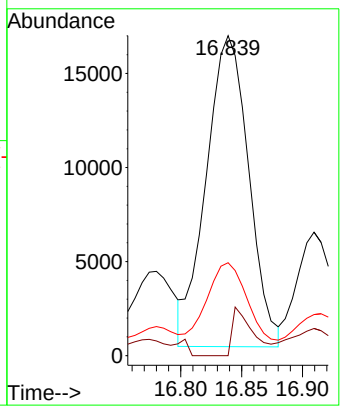


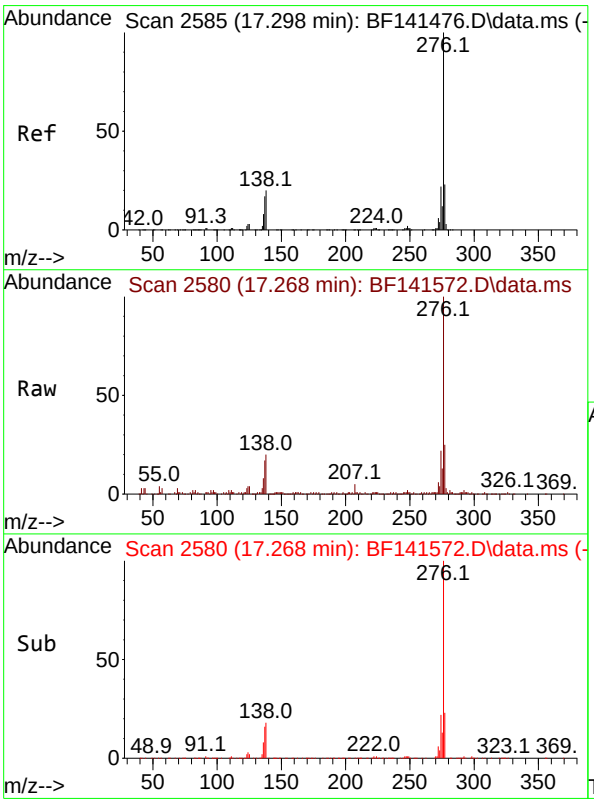
#91
Dibenzo(a,h)anthracene
Concen: 4.719 ng
RT: 16.839 min Scan# 2
Delta R.T. -0.053 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Tgt Ion:278 Resp: 40207

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.8	17.6#
279	29.1	19.1	28.7#





#92
Benzo(g,h,i)perylene
Concen: 16.567 ng
RT: 17.268 min Scan# 2580
Delta R.T. -0.047 min
Lab File: BF141572.D
Acq: 11 Feb 2025 19:45

Tgt Ion:276 Resp: 147728

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	28.0
138	19.9	15.9	23.9