Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141523.D
Acq On : 07 Feb 2025 22:07
Operator : RC/JU
Sample : Q1232-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Quant Time: Feb 08 00:32:09 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	6.793	152	83684	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	306437	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	148193	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	233826	20.000	ng		0.00
76) Chrysene-d12	13.963	240	140011	20.000	ng		0.00
86) Perylene-d12	15.433	264	112168	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	196103	36.738	ng		0.00
7) Phenol-d6	6.428	99	241743	35.832	ng		-0.01
23) Nitrobenzene-d5	7.351	82	150550	25.625	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	43345	29.117	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	287255	29.864	ng		0.00
79) Terphenyl-d14	12.904	244	271687	32.758	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	20339	5.040	ng	#	76
25) Isophorone	7.351	82	143732	15.343	ng	#	66
31) Naphthalene	8.092	128	39974	2.506	ng		99
50) Dimethylphthalate	9.828	163	20951	2.083	ng	#	1
51) 2,6-Dinitrotoluene	9.828	165	19679	8.948	ng	#	23
52) Acenaphthene	9.863	154	46079	5.424	ng		99
55) Dibenzofuran	10.033	168	46607	3.738	ng		97
56) 4-Nitrophenol	10.033	139	18535	10.548	ng	#	3
58) Fluorene	10.375	166	67984	7.051	ng		98
71) Phenanthrene	11.345	178	669208	51.993	ng		99
72) Anthracene	11.392	178	229061	17.704	ng		99
73) Carbazole	11.551	167	69266	5.950	ng		99
75) Fluoranthene	12.533	202	741690	54.353	ng		99
78) Pyrene	12.763	202	624112	52.364	ng		98
81) Benzo(a)anthracene	13.957	228	293119	31.494	ng		98
83) Chrysene	13.992	228	203345	23.662	ng		96
87) Indeno(1,2,3-cd)pyrene	16.880	276	67796	9.782	ng	#	94
88) Benzo(b)fluoranthene	15.015	252	275521	36.582	ng	#	97
89) Benzo(k)fluoranthene	15.015	252	275521	42.841	ng	#	98
90) Benzo(a)pyrene	15.368	252	146577	24.052	ng	#	94
91) Dibenzo(a,h)anthracene	16.892	278	20121	3.583	ng	#	77
92) Benzo(g,h,i)perylene	17.315	276	63057	10.730	ng		94

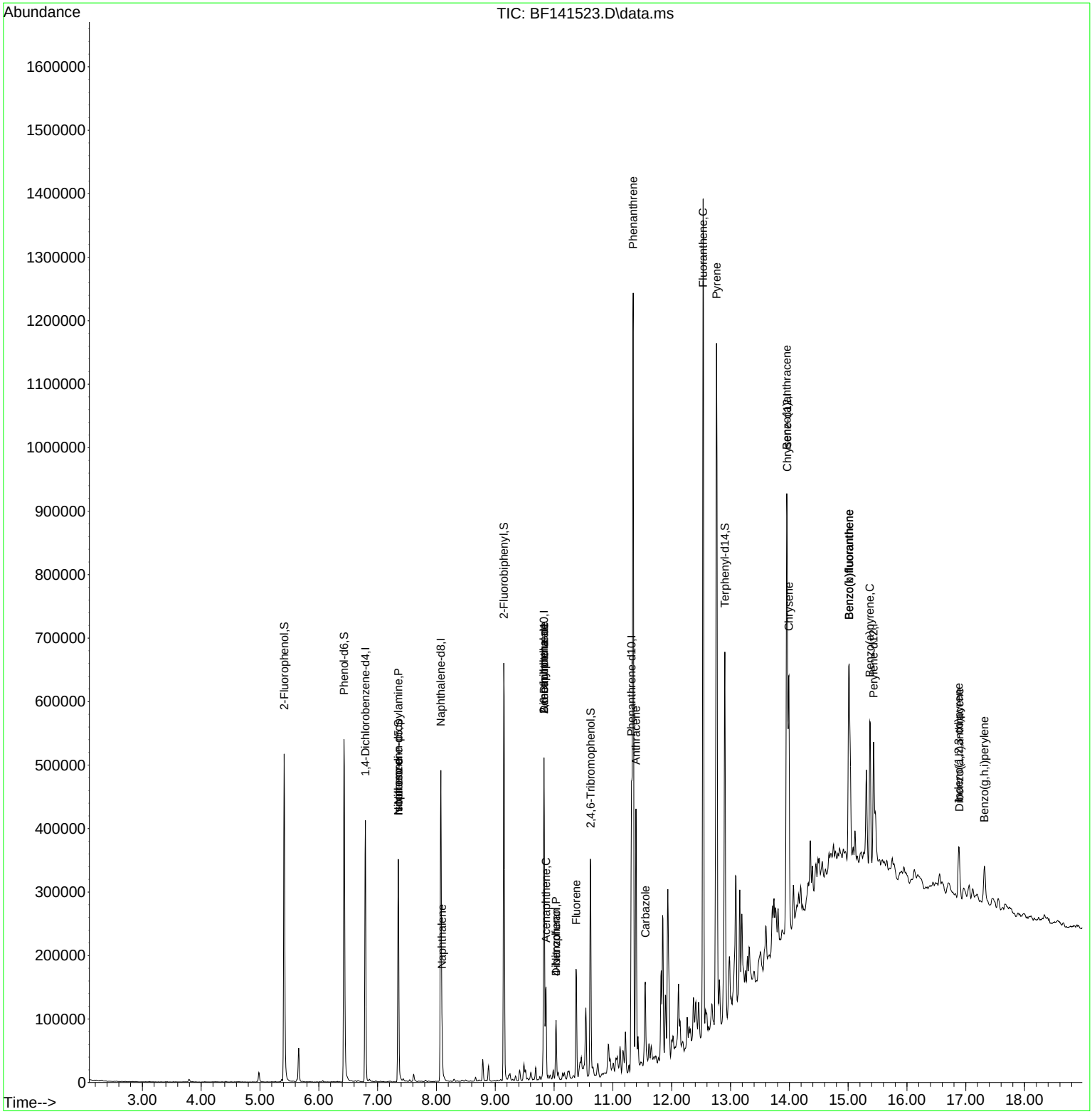
(#) = qualifier out of range (m) = manual integration (+) = signals summed

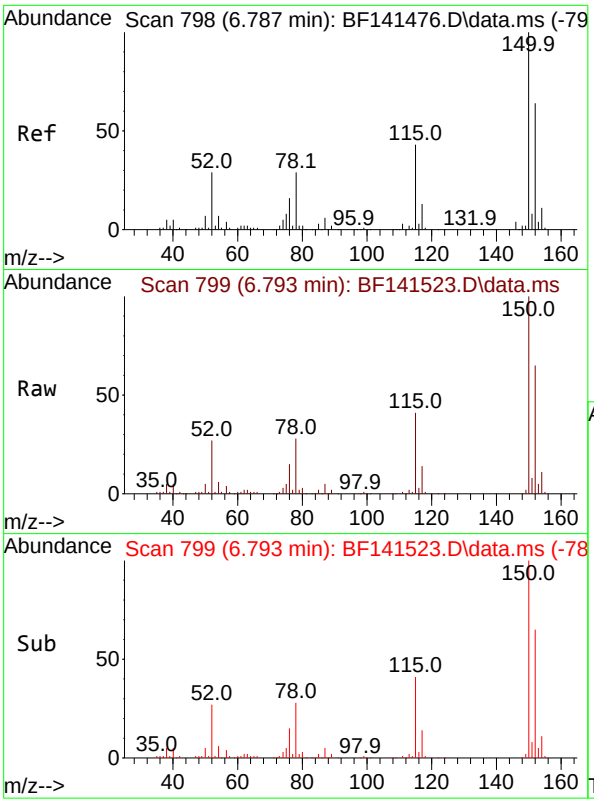
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141523.D
Acq On : 07 Feb 2025 22:07
Operator : RC/JU
Sample : Q1232-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Quant Time: Feb 08 00:32:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration



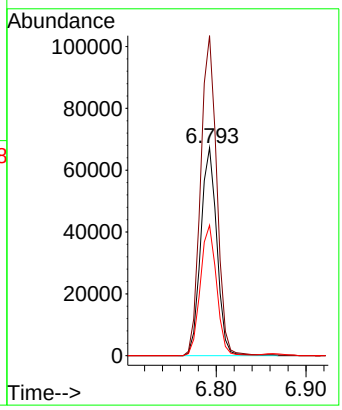


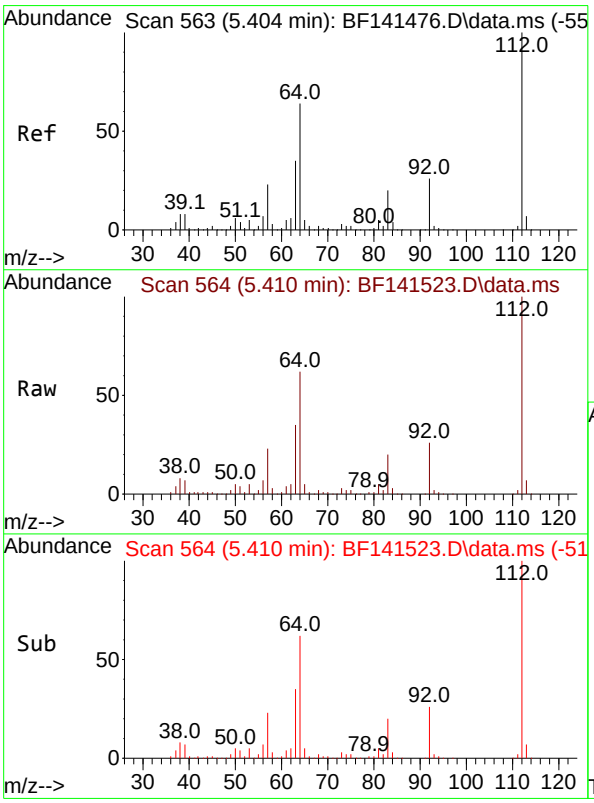
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 7
Delta R.T. 0.001 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Tgt Ion:152 Resp: 83684

Ion	Ratio	Lower	Upper
152	100		
150	153.9	125.0	187.4
115	62.7	53.6	80.4

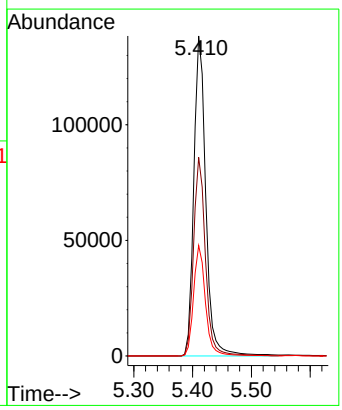


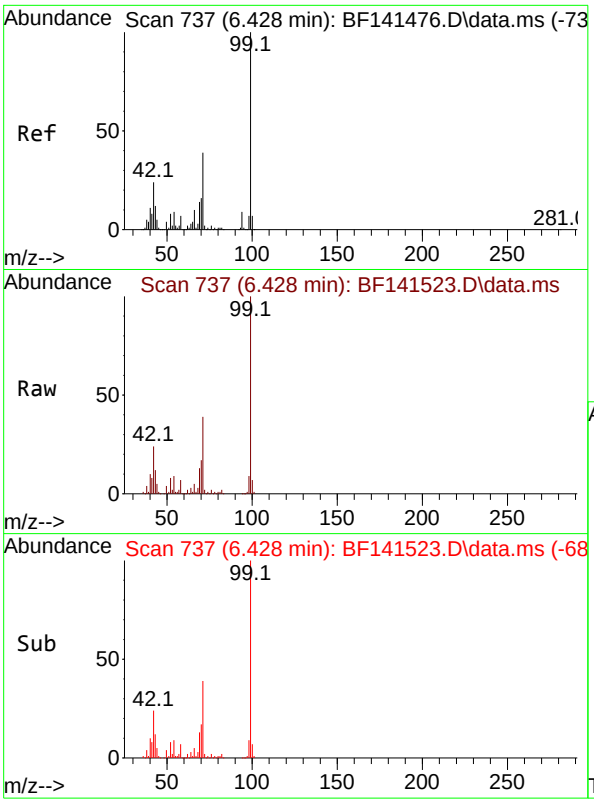


#5
2-Fluorophenol
Concen: 36.738 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Tgt Ion:112 Resp: 196103

Ion	Ratio	Lower	Upper
112	100		
64	62.0	51.1	76.7
63	34.5	28.4	42.6



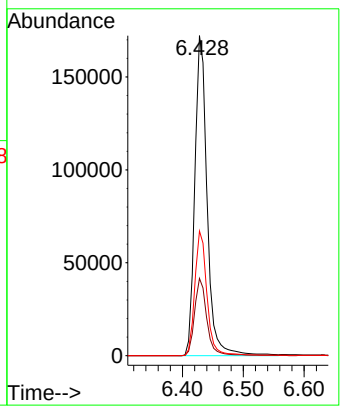


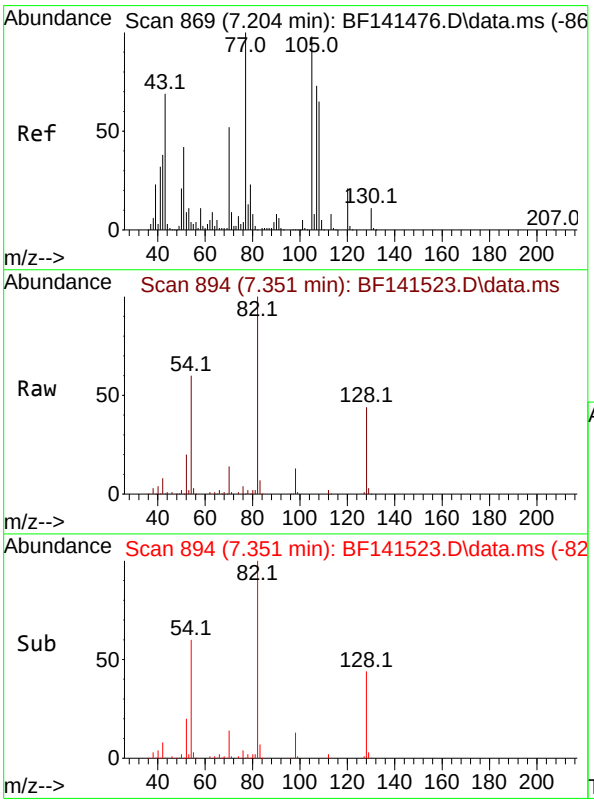
#7
Phenol-d6
Concen: 35.832 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Tgt Ion: 99 Resp: 241743

Ion	Ratio	Lower	Upper
99	100		
42	24.2	19.1	28.7
71	39.0	31.1	46.7

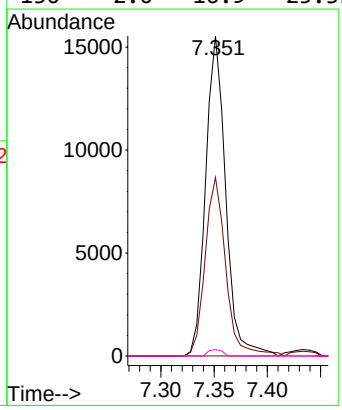


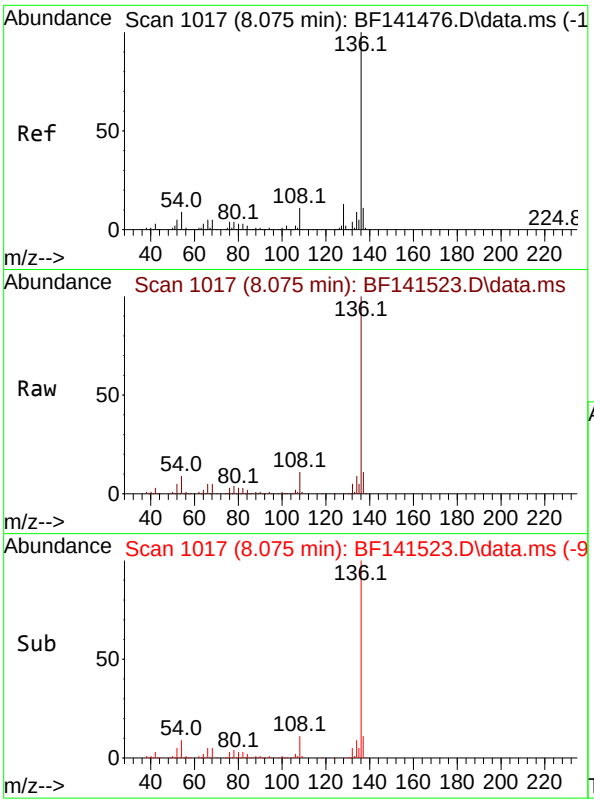


#19
n-Nitroso-di-n-propylamine
Concen: 5.040 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Tgt Ion: 70 Resp: 20339

Ion	Ratio	Lower	Upper
70	100		
42	55.8	57.4	86.2#
101	0.0	8.0	12.0#
130	2.0	16.9	25.3#



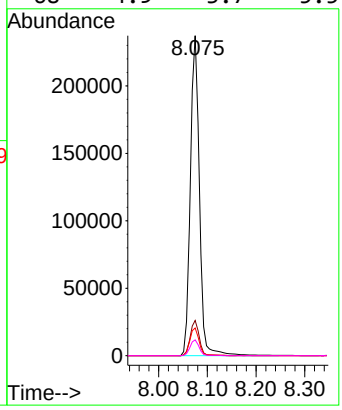


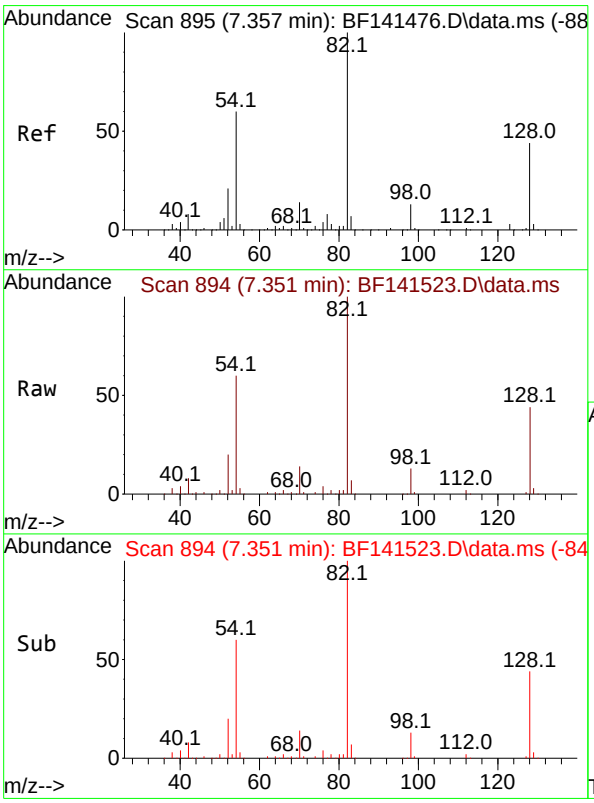
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Tgt Ion:136 Resp: 306437

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.7	7.2	10.8
68	4.9	3.7	5.5

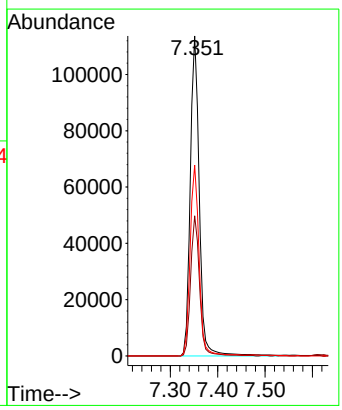


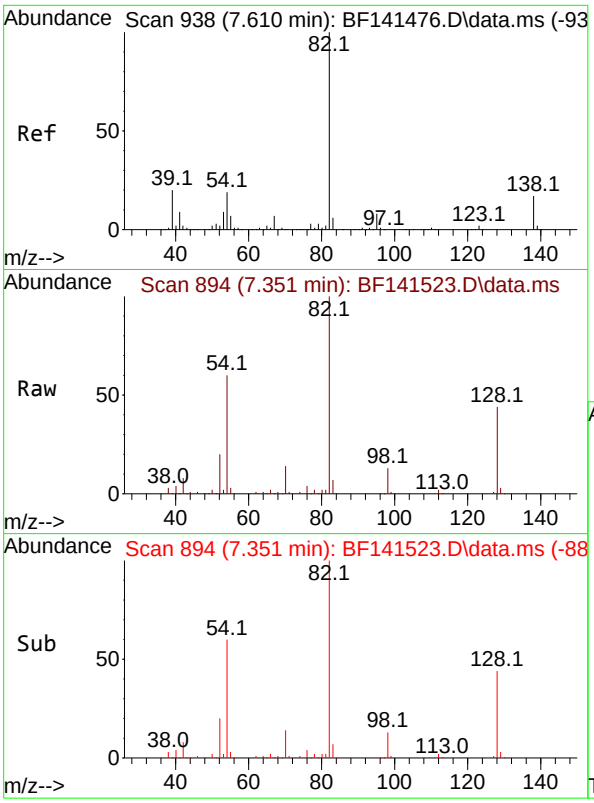


#23
Nitrobenzene-d5
Concen: 25.625 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Tgt Ion: 82 Resp: 150550

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.8	52.2
54	59.6	48.2	72.4



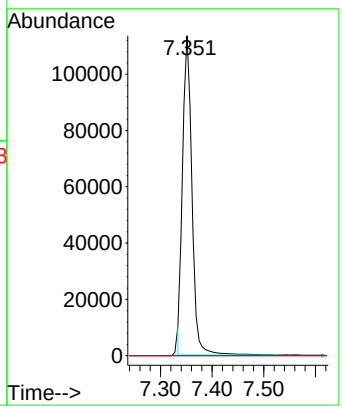


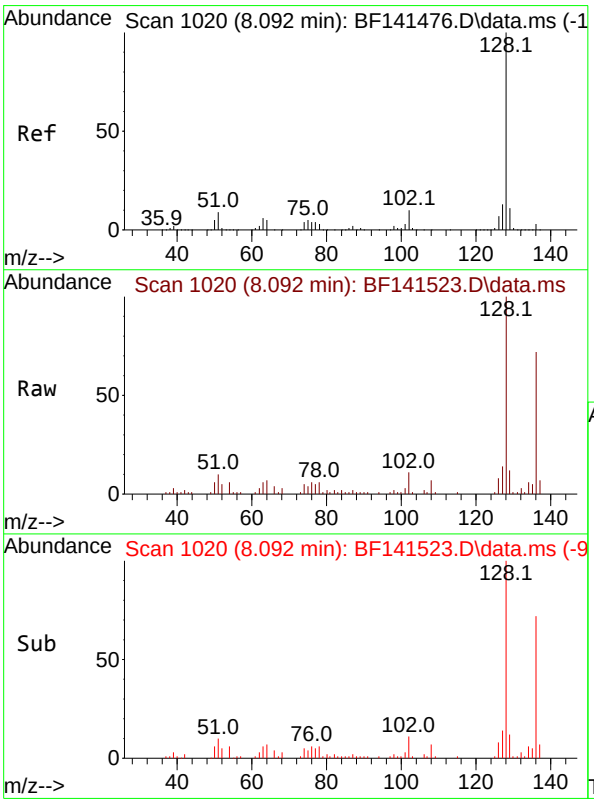
#25
Isophorone
Concen: 15.343 ng
RT: 7.351 min Scan# 8
Delta R.T. -0.270 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Tgt Ion: 82 Resp: 143732

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

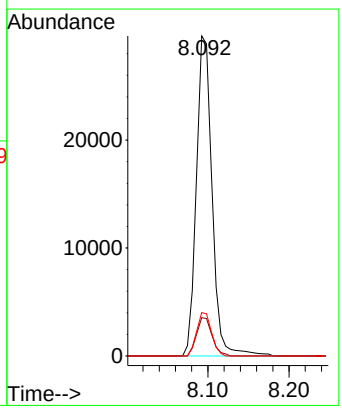


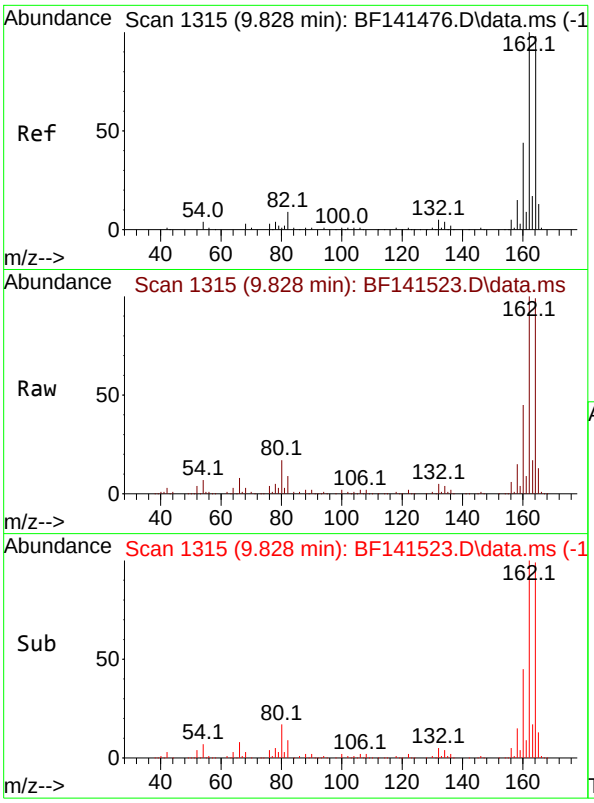


#31
Naphthalene
Concen: 2.506 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Tgt Ion:128 Resp: 39974

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.9	13.3
127	13.6	10.7	16.1



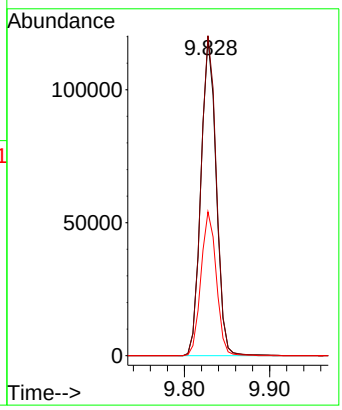


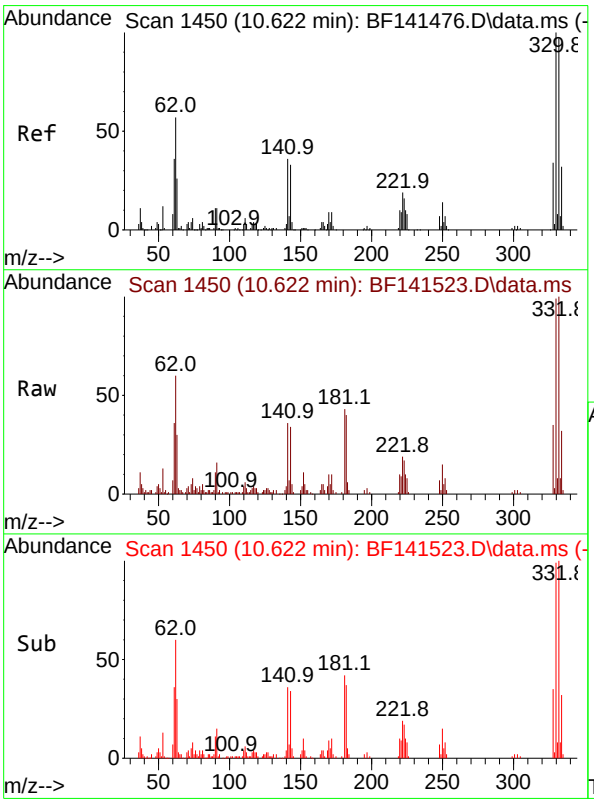
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Tgt Ion:164 Resp: 148193

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.3	121.9
160	45.5	35.9	53.9

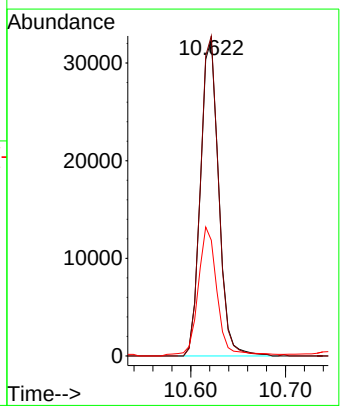


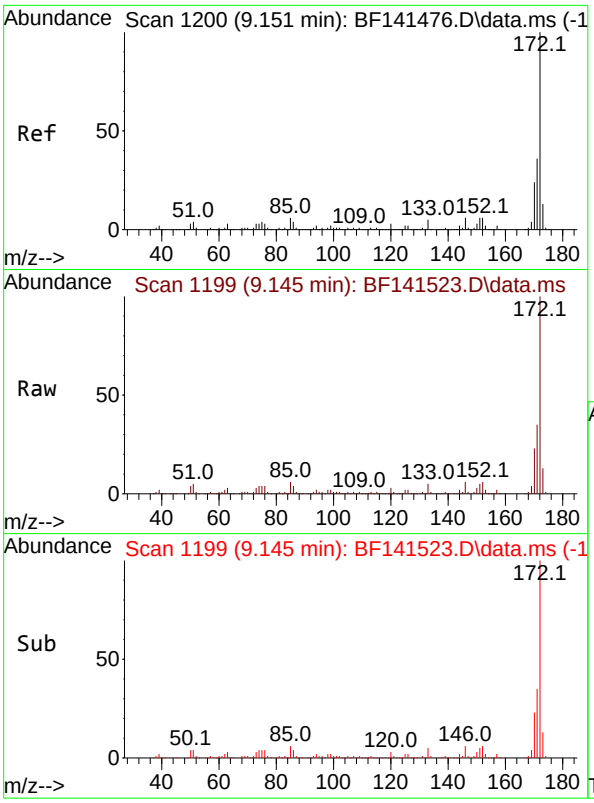


#42
2,4,6-Tribromophenol
Concen: 29.117 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Tgt Ion:330 Resp: 43345

Ion	Ratio	Lower	Upper
330	100		
332	99.9	78.5	117.7
141	42.7	31.0	46.4



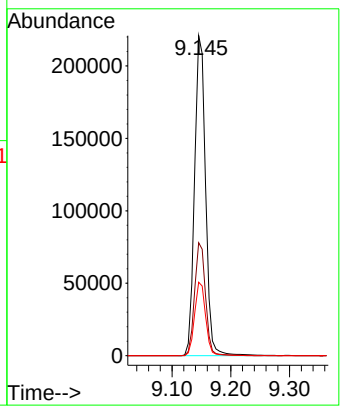


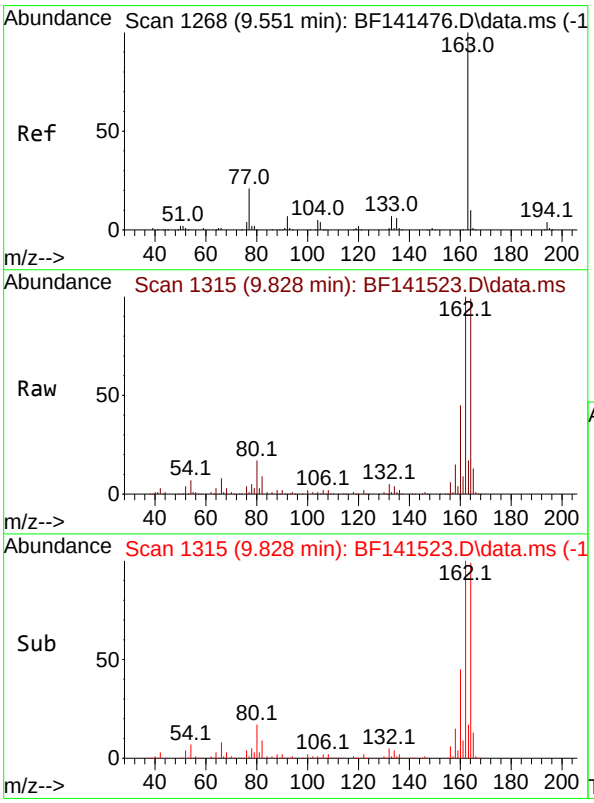
#45
2-Fluorobiphenyl
Concen: 29.864 ng
RT: 9.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Tgt Ion:172 Resp: 287255

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.7	43.1
170	22.9	18.9	28.3

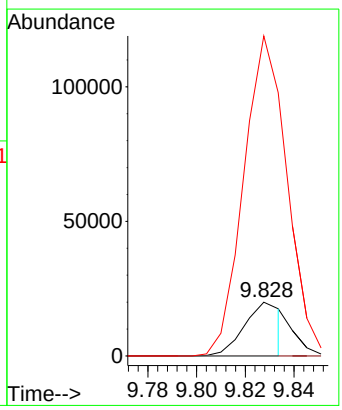


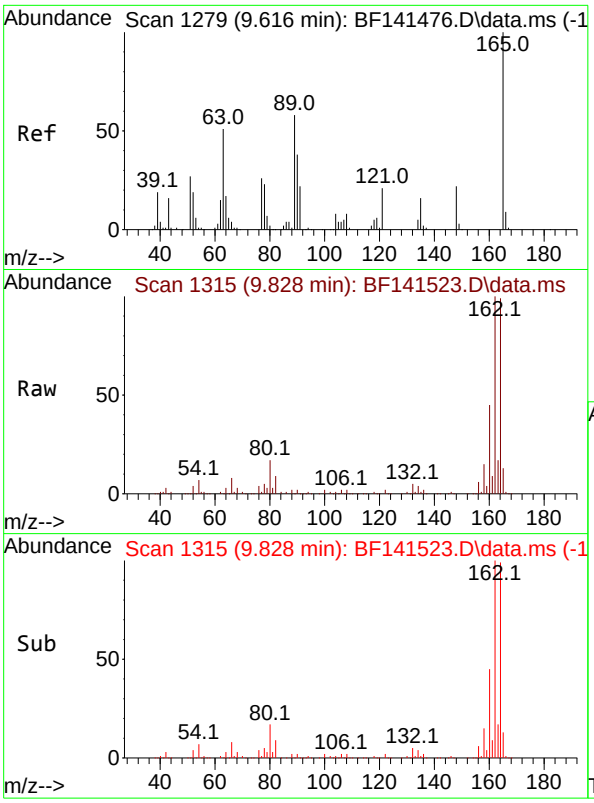


#50
Dimethylphthalate
Concen: 2.083 ng
RT: 9.828 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Tgt Ion:163 Resp: 20951

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.4#
164	594.2	7.9	11.9#



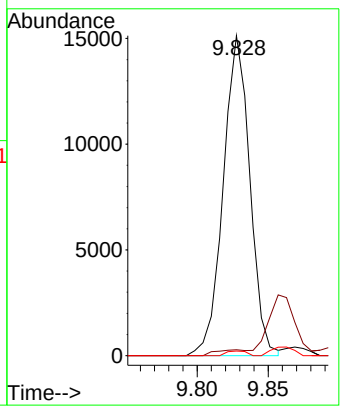


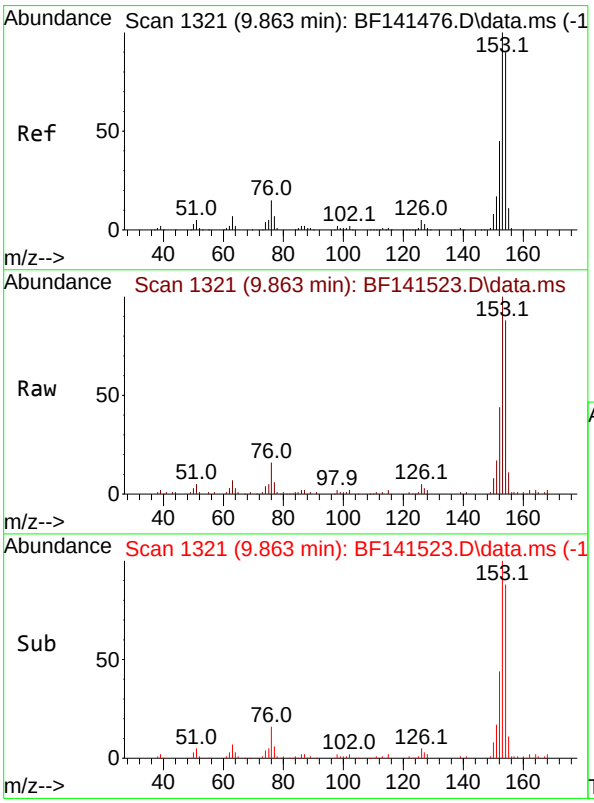
#51
2,6-Dinitrotoluene
Concen: 8.948 ng
RT: 9.828 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Tgt Ion:165 Resp: 19679

Ion	Ratio	Lower	Upper
165	100		
63	1.9	49.4	74.0#
89	1.5	46.5	69.7#

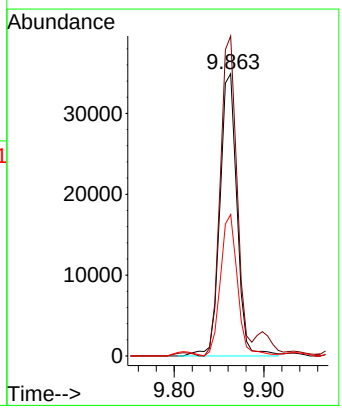


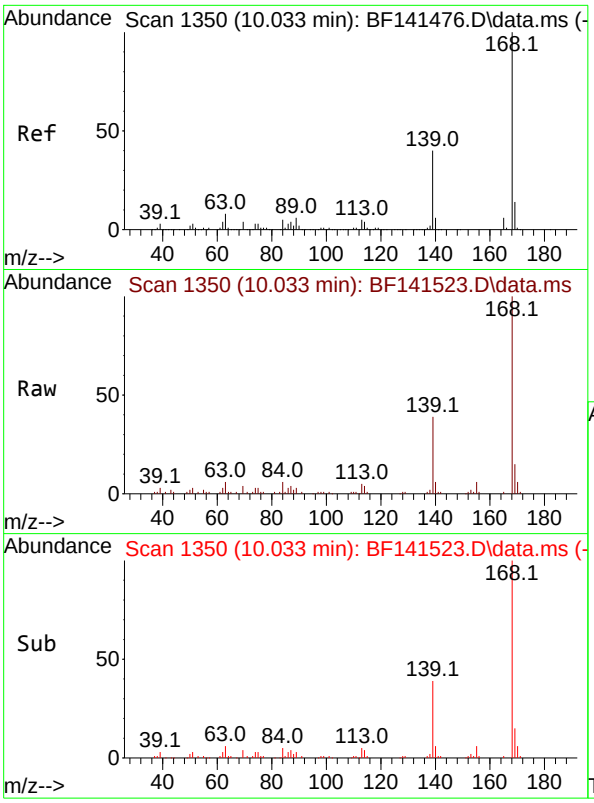


#52
Acenaphthene
Concen: 5.424 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Tgt Ion:154 Resp: 46079

Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.2	133.8
152	50.1	39.8	59.8



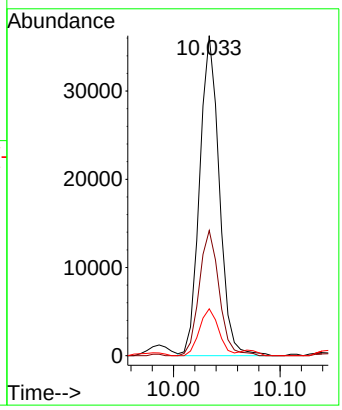


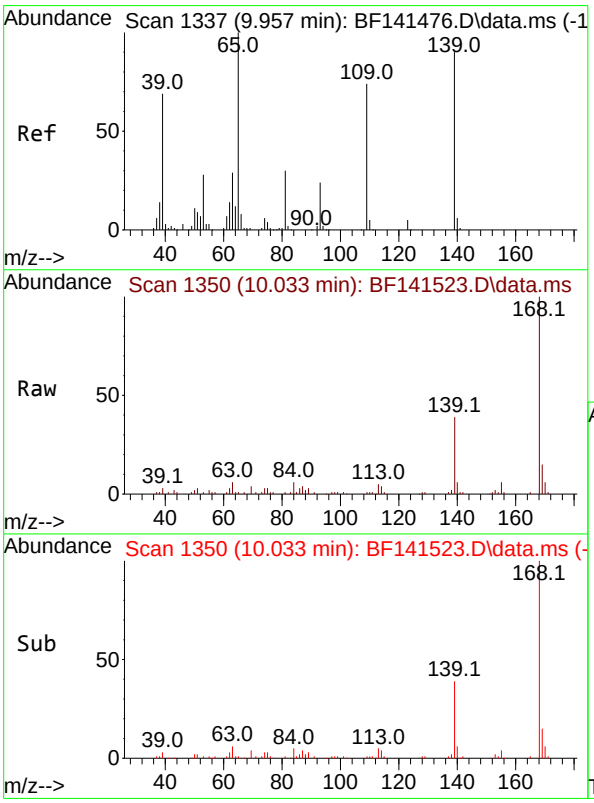
#55
Dibenzofuran
Concen: 3.738 ng
RT: 10.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Tgt Ion:168 Resp: 46607

Ion	Ratio	Lower	Upper
168	100		
139	39.1	32.7	49.1
169	14.7	10.8	16.2

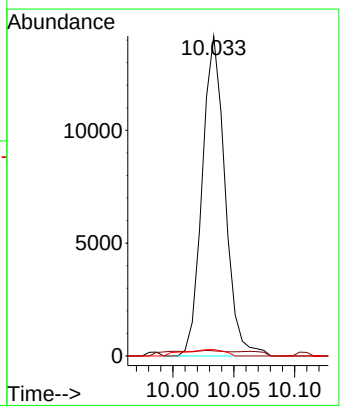


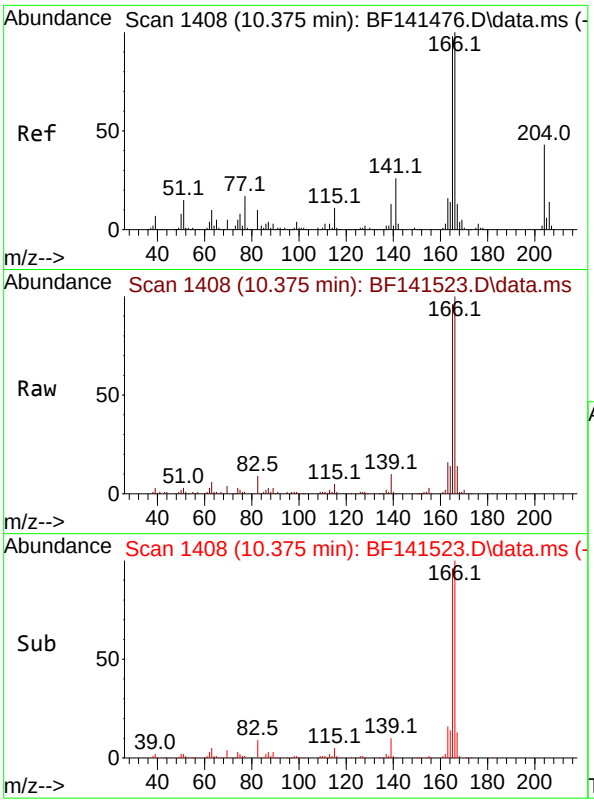


#56
4-Nitrophenol
Concen: 10.548 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.065 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Tgt Ion:139 Resp: 18535

Ion	Ratio	Lower	Upper
139	100		
109	1.6	62.0	102.0#
65	2.0	91.2	131.2#



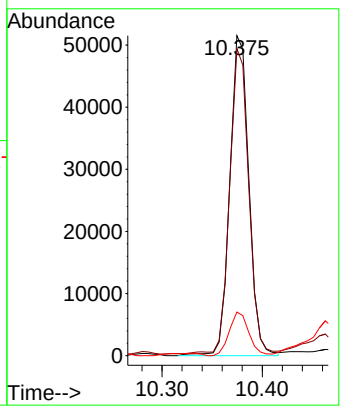


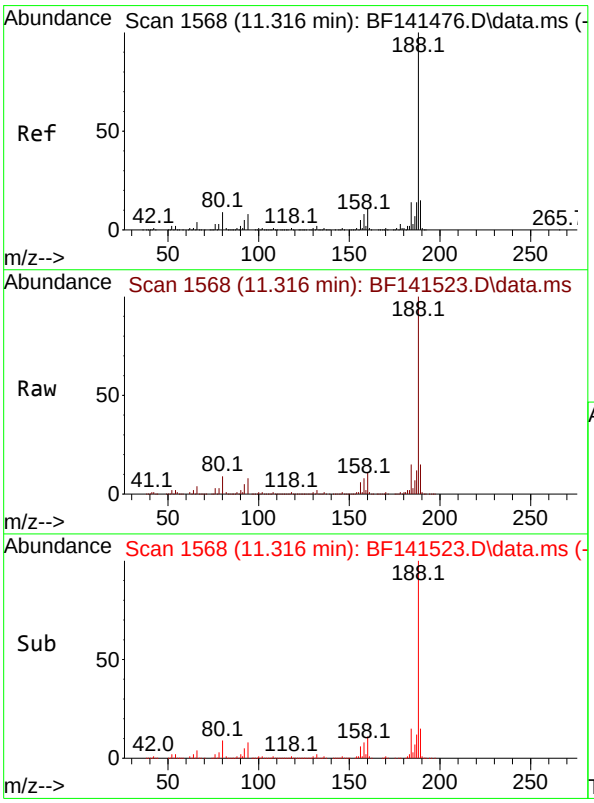
#58
Fluorene
Concen: 7.051 ng
RT: 10.375 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Tgt Ion:166 Resp: 67984

Ion	Ratio	Lower	Upper
166	100		
165	95.9	78.2	117.2
167	13.6	10.7	16.1

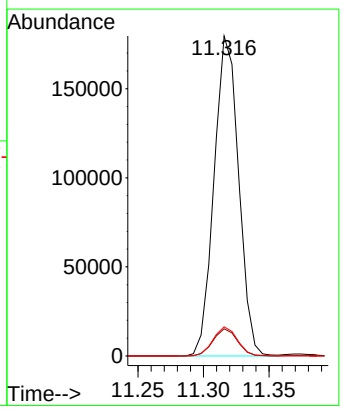


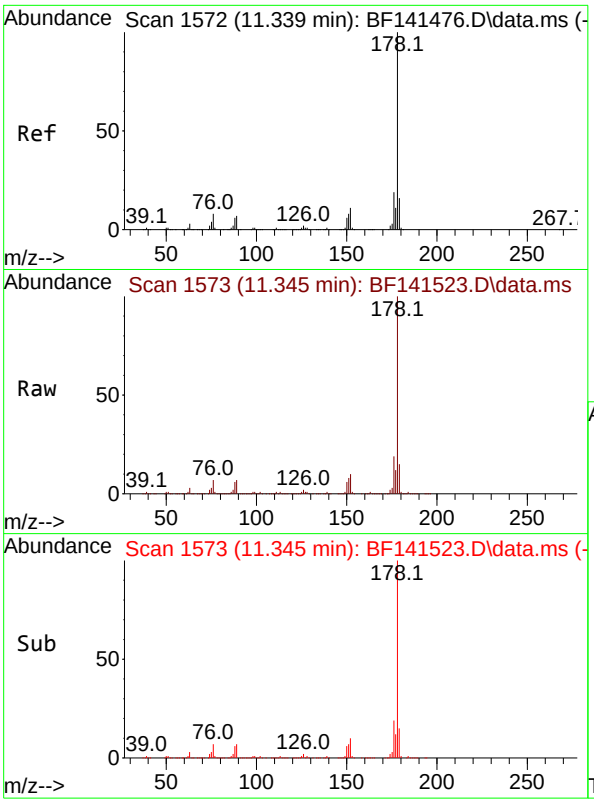


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Tgt Ion:188 Resp: 233826

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.1	7.3	10.9



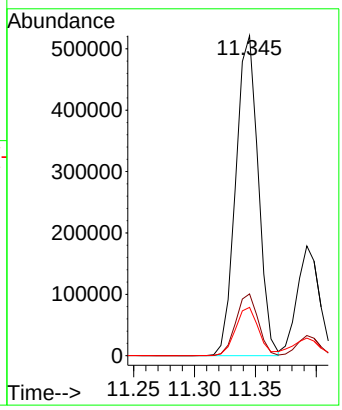


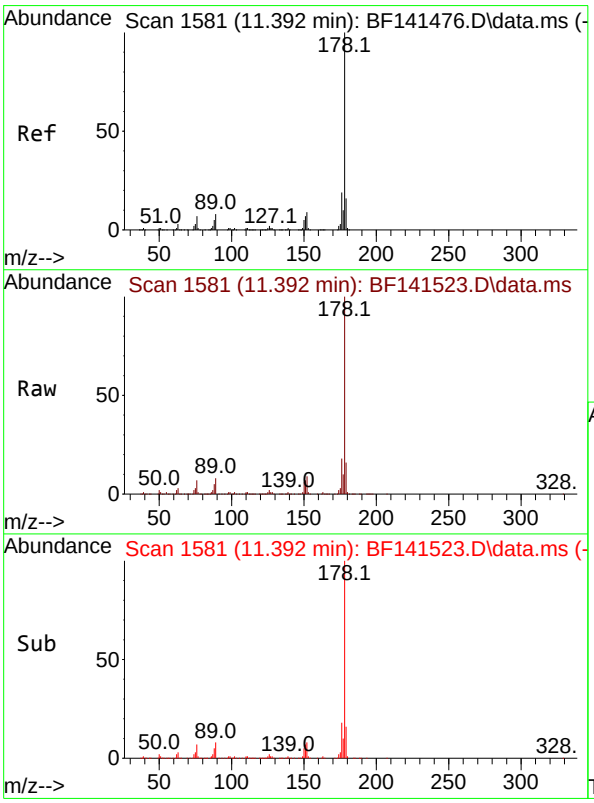
#71
Phenanthrene
Concen: 51.993 ng
RT: 11.345 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Tgt Ion:178 Resp: 669208

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.1	12.4	18.6

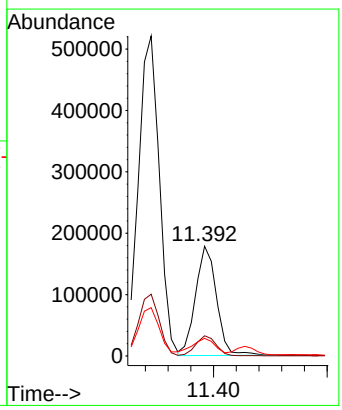


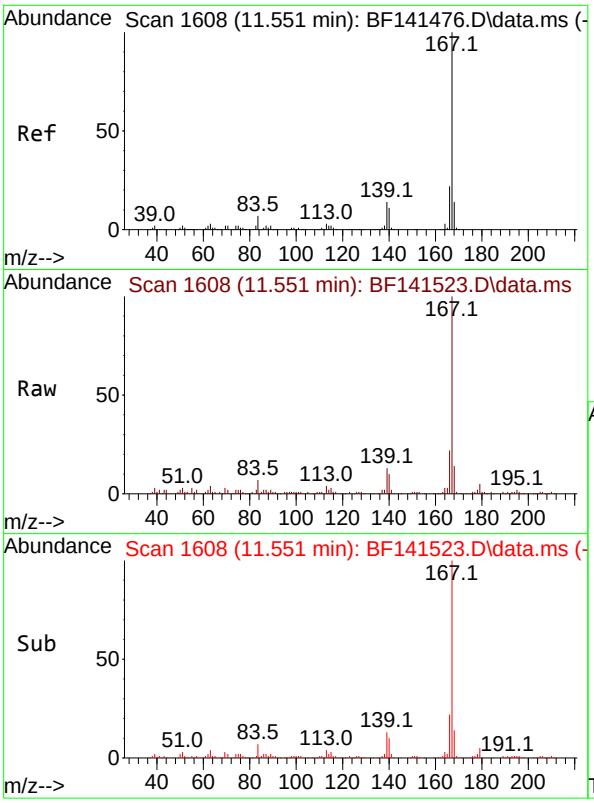


#72
Anthracene
Concen: 17.704 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Tgt Ion:178 Resp: 229061

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	16.0	12.4	18.6



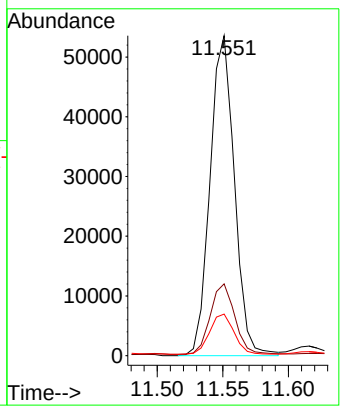


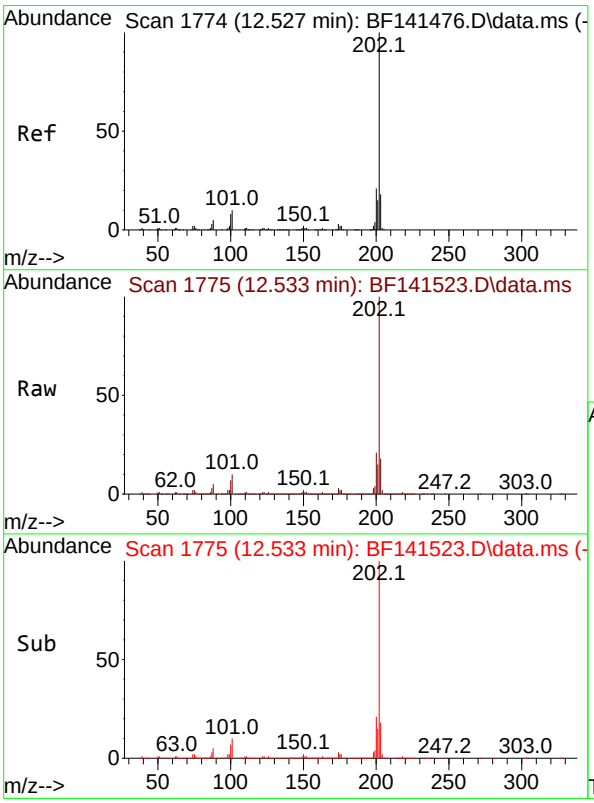
#73
Carbazole
Concen: 5.950 ng
RT: 11.551 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Tgt Ion:167 Resp: 69266

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.4	26.2
139	13.0	10.9	16.3

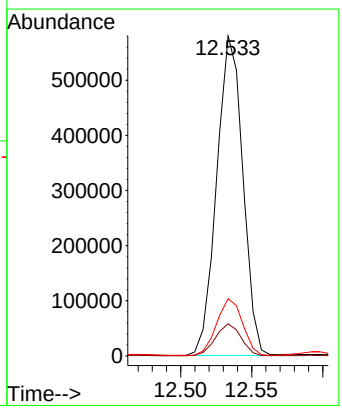


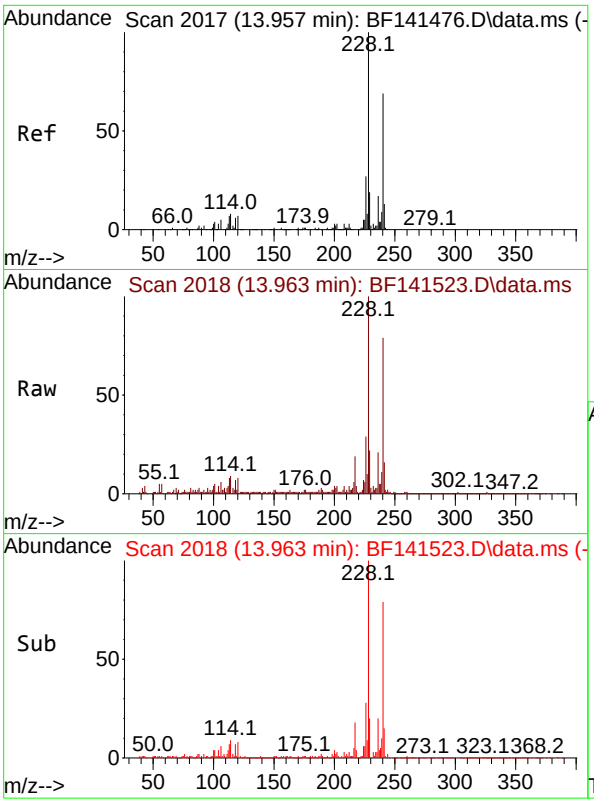


#75
Fluoranthene
Concen: 54.353 ng
RT: 12.533 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Tgt Ion:202 Resp: 741690

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.2
203	17.9	0.0	37.6



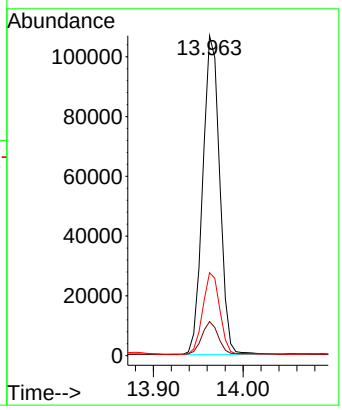


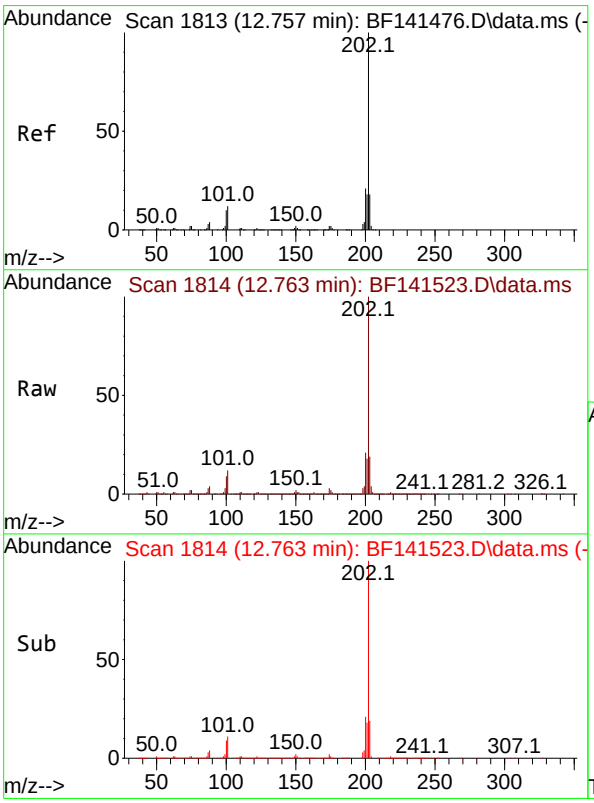
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Tgt Ion:240 Resp: 140011

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.0	12.0
236	25.9	19.8	29.8

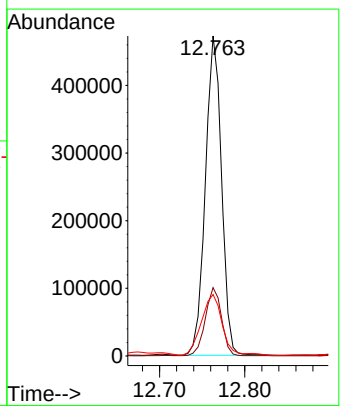


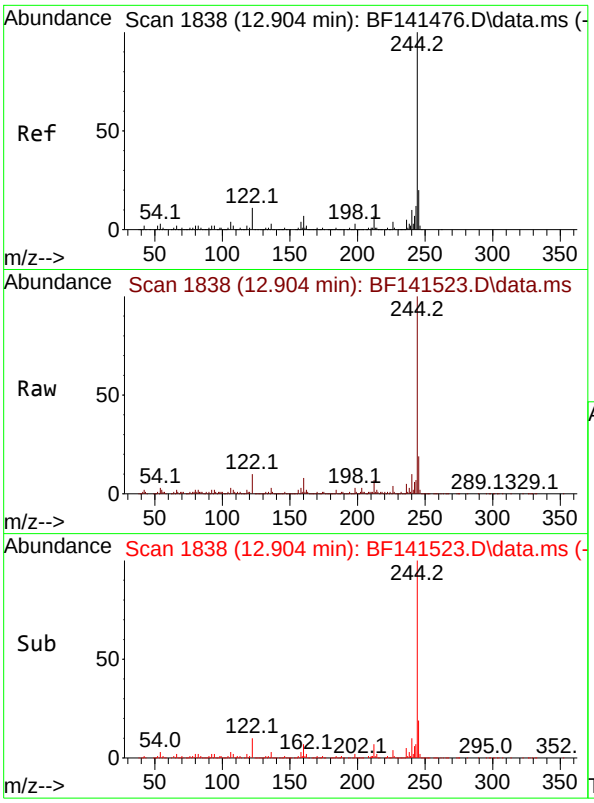


#78
Pyrene
Concen: 52.364 ng
RT: 12.763 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Tgt Ion:202 Resp: 624112

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	19.2	14.3	21.5



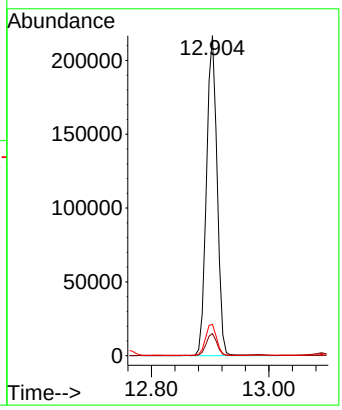


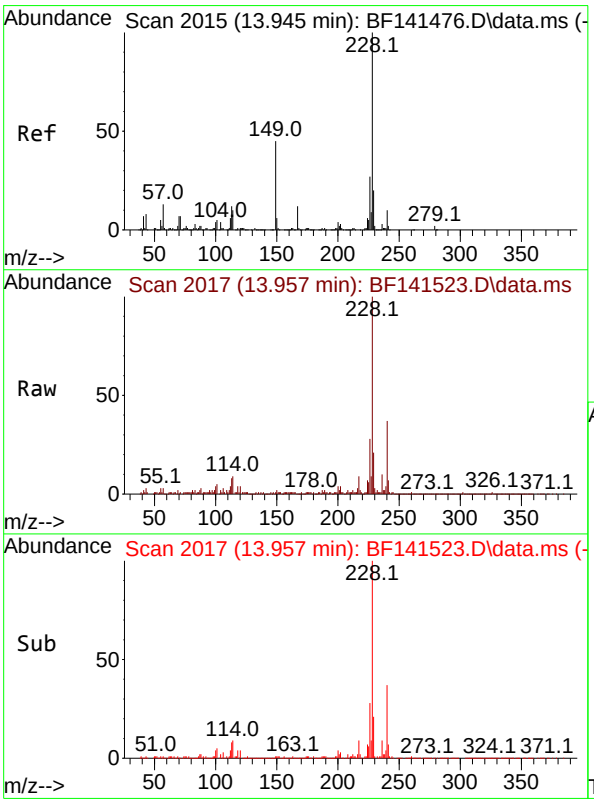
#79
Terphenyl-d14
Concen: 32.758 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Tgt Ion:244 Resp: 271687

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

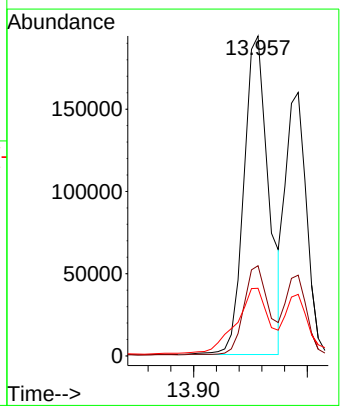


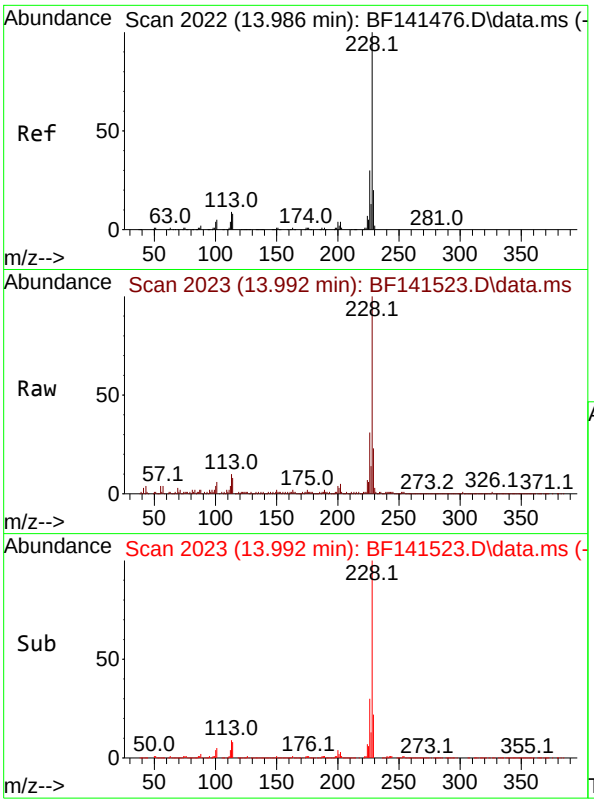


#81
Benzo(a)anthracene
Concen: 31.494 ng
RT: 13.957 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Tgt Ion:228 Resp: 293119

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.8	32.8
229	21.2	15.8	23.6



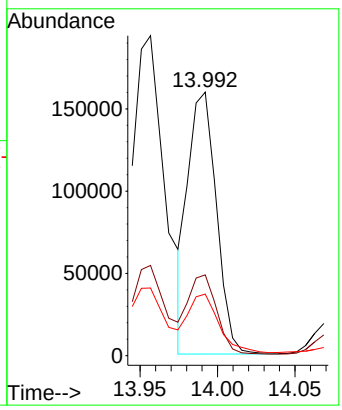


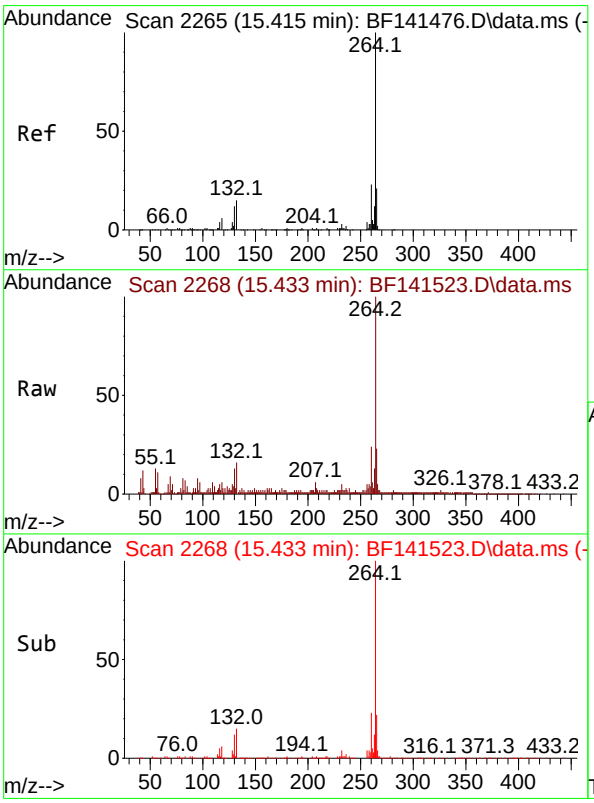
#83
Chrysene
Concen: 23.662 ng
RT: 13.992 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Tgt Ion:228 Resp: 203345

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	23.4	15.7	23.5

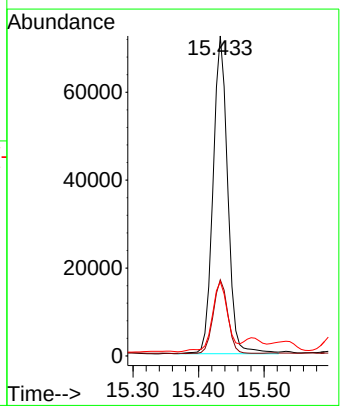


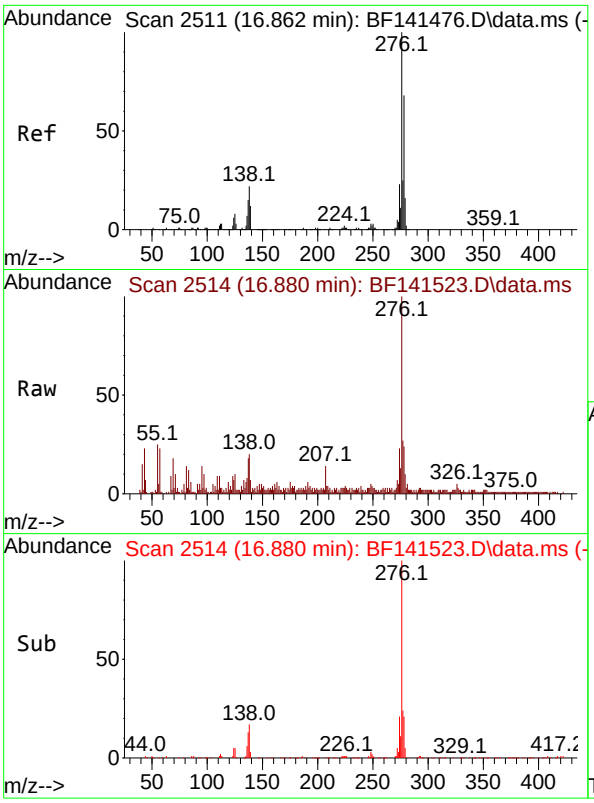


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2268
Delta R.T. 0.018 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Tgt Ion:264 Resp: 112168

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	23.2	17.0	25.4



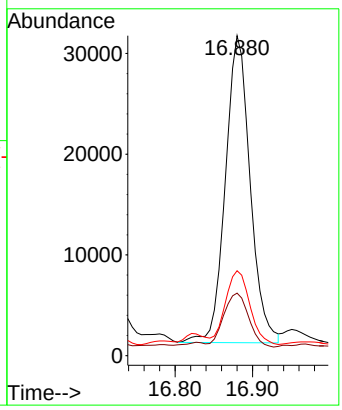


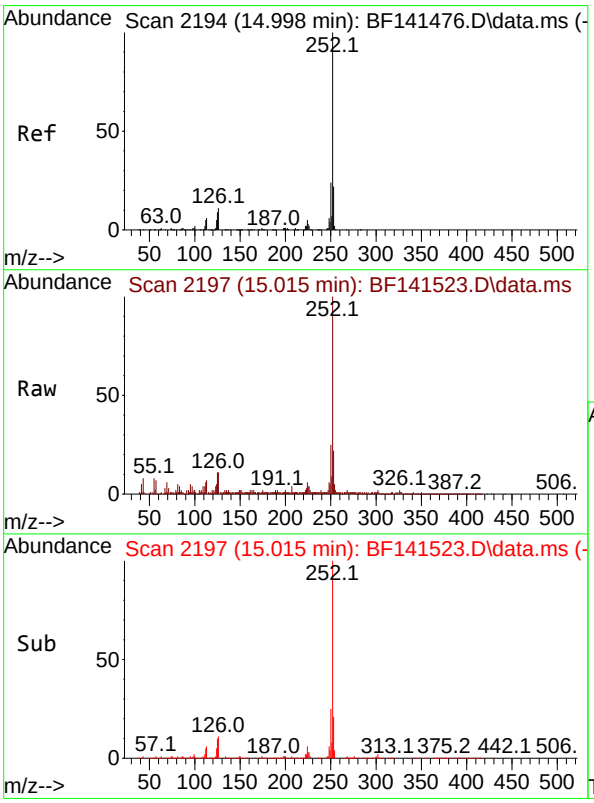
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.782 ng
RT: 16.880 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Tgt Ion:276 Resp: 67796

Ion	Ratio	Lower	Upper
276	100		
138	17.7	18.0	27.0#
277	23.9	20.4	30.6

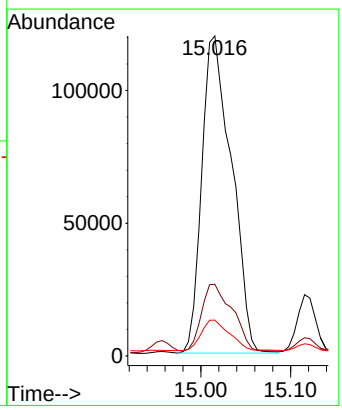


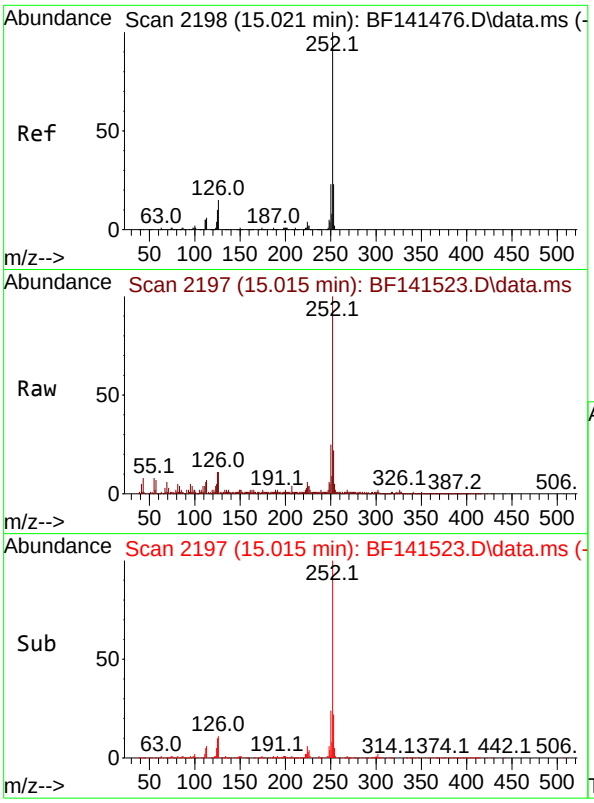


#88
Benzo(b)fluoranthene
Concen: 36.582 ng
RT: 15.015 min Scan# 2197
Delta R.T. 0.012 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Tgt Ion:252 Resp: 275521

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.2	7.0	10.6#



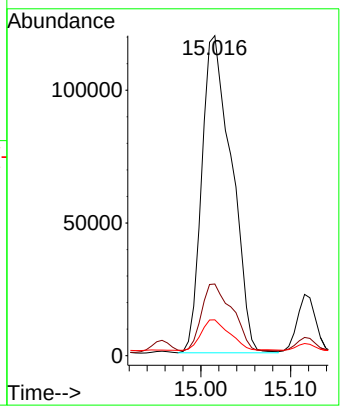


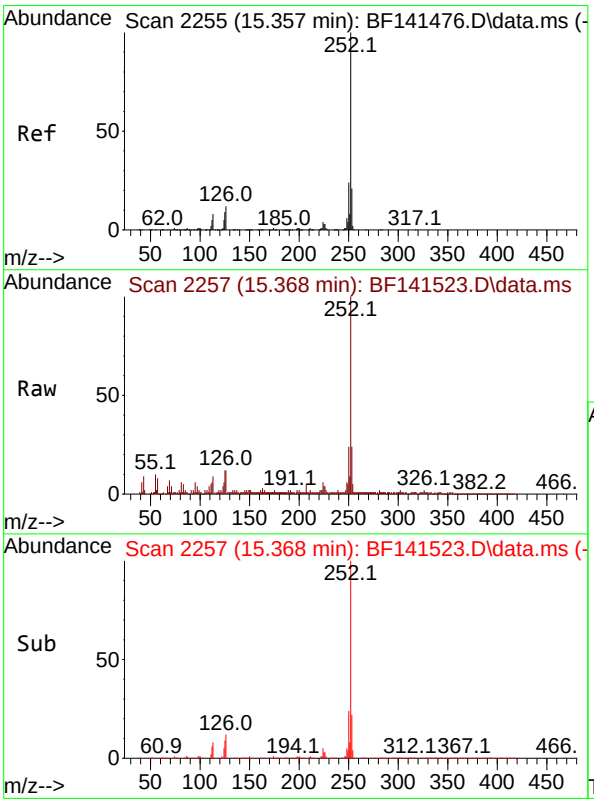
#89
Benzo(k)fluoranthene
Concen: 42.841 ng
RT: 15.015 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Tgt Ion:252 Resp: 275521

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	11.2	7.4	11.0#

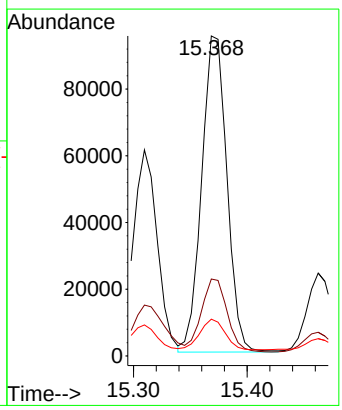


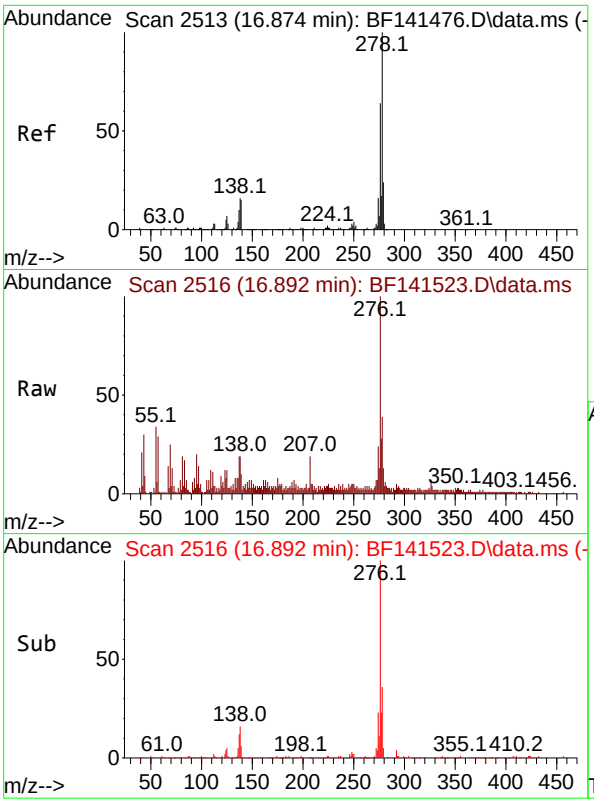


#90
Benzo(a)pyrene
Concen: 24.052 ng
RT: 15.368 min Scan# 2257
Delta R.T. 0.006 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Tgt Ion:252 Resp: 146577

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	11.5	7.4	11.2#



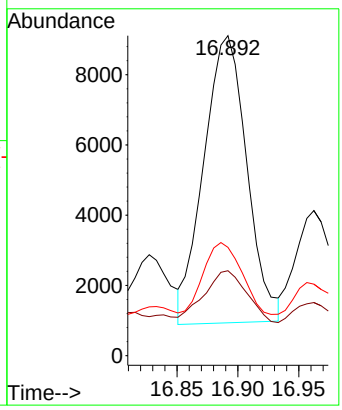


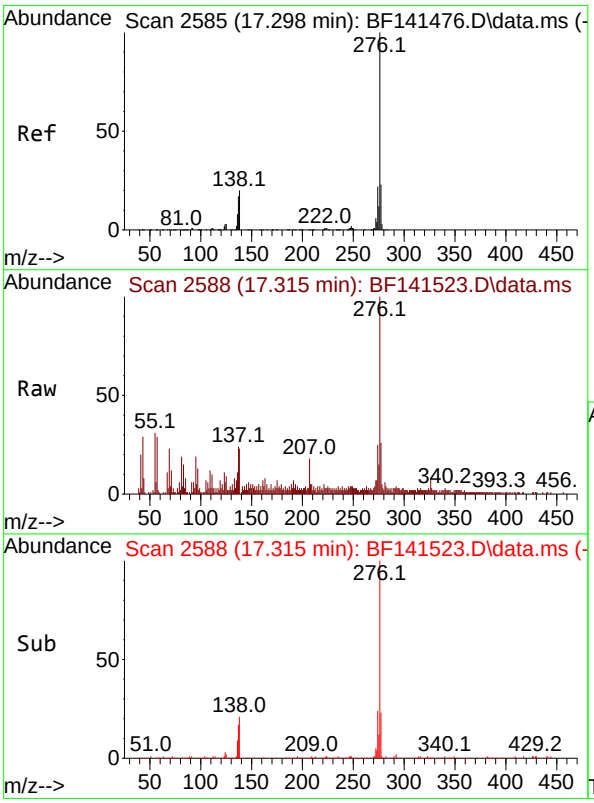
#91
Dibenzo(a,h)anthracene
Concen: 3.583 ng
RT: 16.892 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Tgt Ion:278 Resp: 20121

Ion	Ratio	Lower	Upper
278	100		
139	26.6	11.8	17.6#
279	33.9	19.1	28.7#





#92
Benzo(g,h,i)perylene
Concen: 10.730 ng
RT: 17.315 min Scan# 2588
Delta R.T. 0.000 min
Lab File: BF141523.D
Acq: 07 Feb 2025 22:07

Tgt Ion:276 Resp: 63057

Ion	Ratio	Lower	Upper
276	100		
277	25.8	18.6	28.0
138	23.1	15.9	23.9