Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141357.D
Acq On : 01 Feb 2025 02:44
Operator : RC/JU
Sample : Q1220-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-01292025

Quant Time: Feb 01 03:24:13 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	6.798	152	134759	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	435390	20.000	ng		0.00
39) Acenaphthene-d10	9.833	164	181797	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	321775	20.000	ng		0.00
76) Chrysene-d12	13.968	240	260524	20.000	ng		0.00
86) Perylene-d12	15.421	264	197298	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	518805	59.103	ng		0.01
7) Phenol-d6	6.440	99	630370	56.451	ng		0.00
23) Nitrobenzene-d5	7.357	82	387890	46.965	ng		-0.01
42) 2,4,6-Tribromophenol	10.627	330	61964	37.179	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	561338	47.526	ng		0.00
79) Terphenyl-d14	12.910	244	694470	41.110	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	7.334	117	14099	3.667	ng	#	1
22) Acetophenone	7.192	105	35435	3.424	ng	#	45
35) Caprolactam	8.504	113	12283	5.979	ng	#	1
37) 2-Methylnaphthalene	8.792	142	44428	3.039	ng		99
38) 1-Methylnaphthalene	8.892	142	31052	2.162	ng		98
49) Acenaphthylene	9.698	152	40004	2.586	ng	#	92
63) Azobenzene	10.545	77	29935	2.512	ng	#	1
71) Phenanthrene	11.345	178	95880	5.543	ng		98
72) Anthracene	11.345	178	95880	5.657	ng		98
75) Fluoranthene	12.539	202	149053	8.727	ng		100
78) Pyrene	12.769	202	245898	9.833	ng		99
81) Benzo(a)anthracene	13.957	228	99321	5.525	ng	#	85
83) Chrysene	13.992	228	84433	5.125	ng	#	94
87) Indeno(1,2,3-cd)pyrene	16.868	276	35324	2.774	ng		96
88) Benzo(b)fluoranthene	15.004	252	91046	7.336	ng	#	83
89) Benzo(k)fluoranthene	15.004	252	91046	8.281	ng	#	83
90) Benzo(a)pyrene	15.357	252	66362	6.328	ng	#	88
92) Benzo(g,h,i)perylene	17.304	276	50898	4.778	ng		93

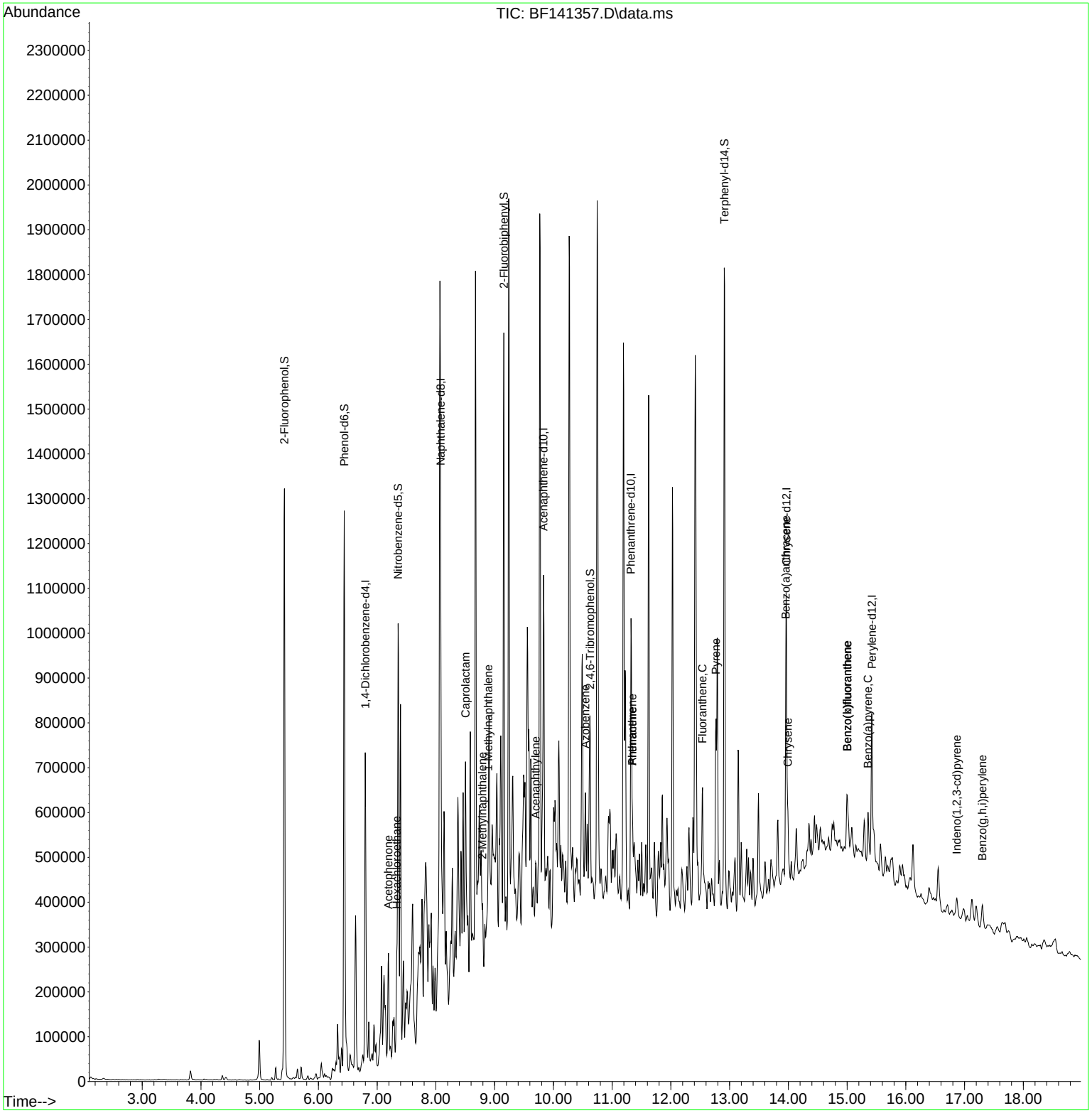
(#) = qualifier out of range (m) = manual integration (+) = signals summed

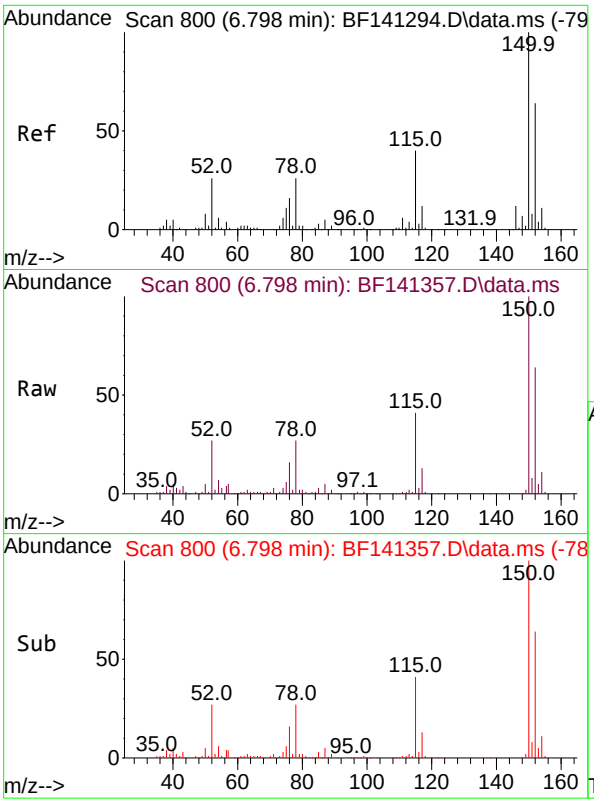
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141357.D
Acq On : 01 Feb 2025 02:44
Operator : RC/JU
Sample : Q1220-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-01292025

Quant Time: Feb 01 03:24:13 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



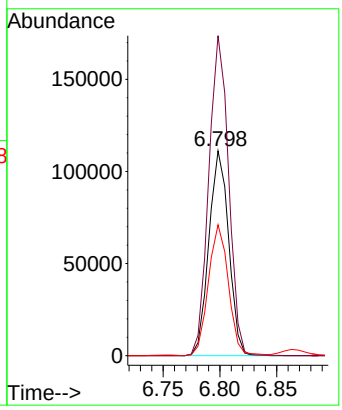


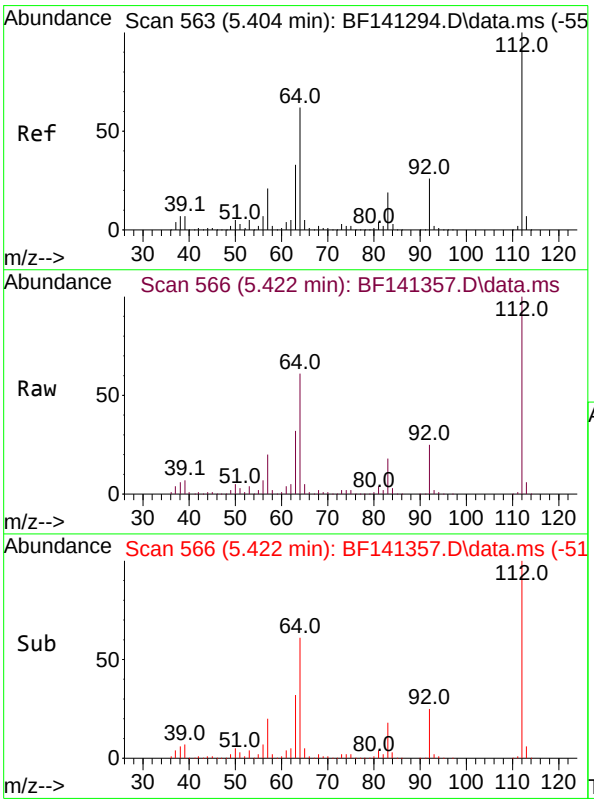
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Instrument :
BNA_F
ClientSampleId :
TR-06-01292025

Tgt Ion:152 Resp: 134759

Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.9	188.9
115	63.9	49.7	74.5

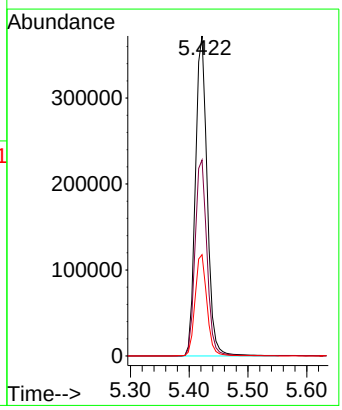


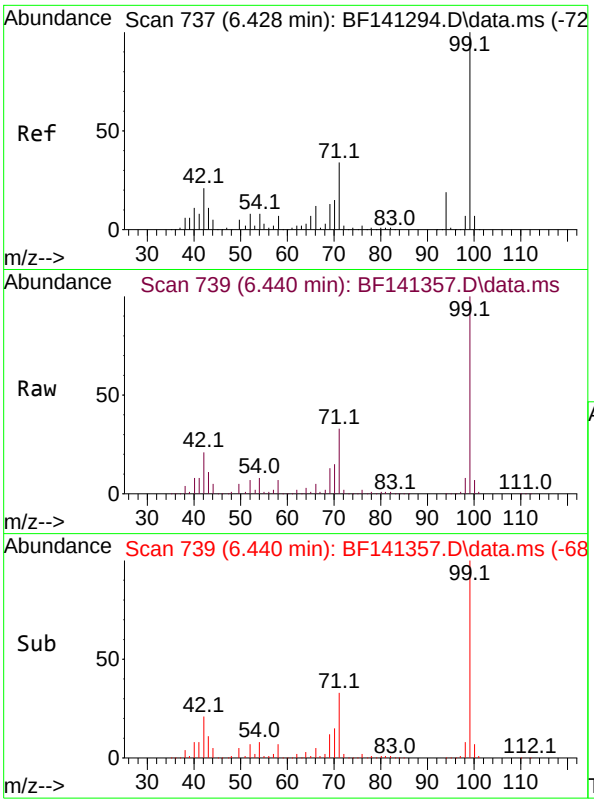


#5
2-Fluorophenol
Concen: 59.103 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Tgt Ion:112 Resp: 518805

Ion	Ratio	Lower	Upper
112	100		
64	61.3	49.8	74.8
63	31.6	26.1	39.1



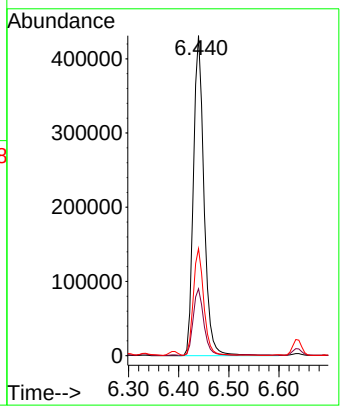


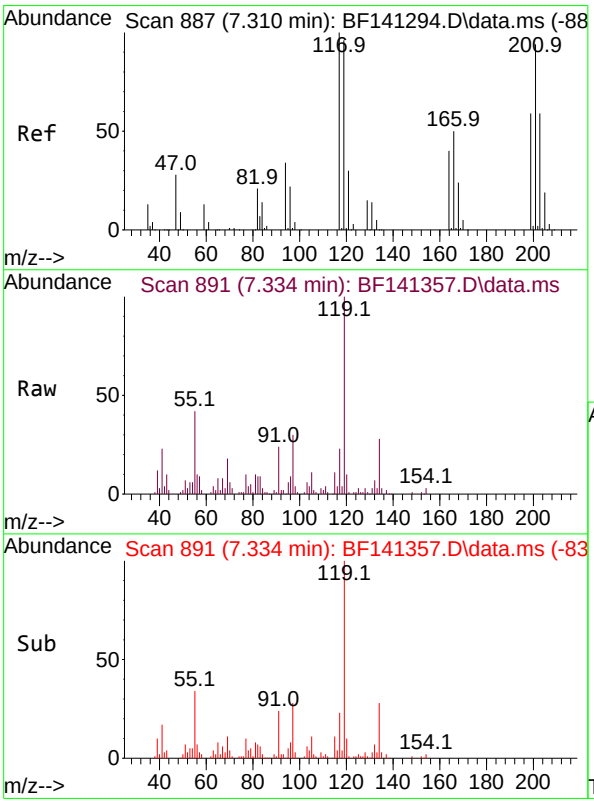
#7
Phenol-d6
Concen: 56.451 ng
RT: 6.440 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Instrument :
BNA_F
ClientSampleId :
TR-06-01292025

Tgt Ion: 99 Resp: 630370

Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.1	25.7
71	33.4	26.9	40.3

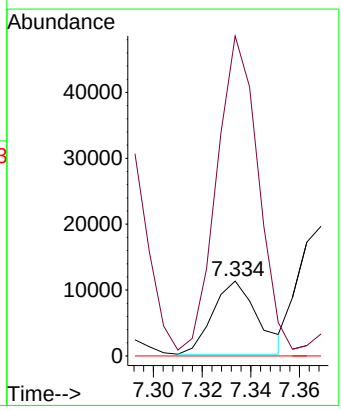


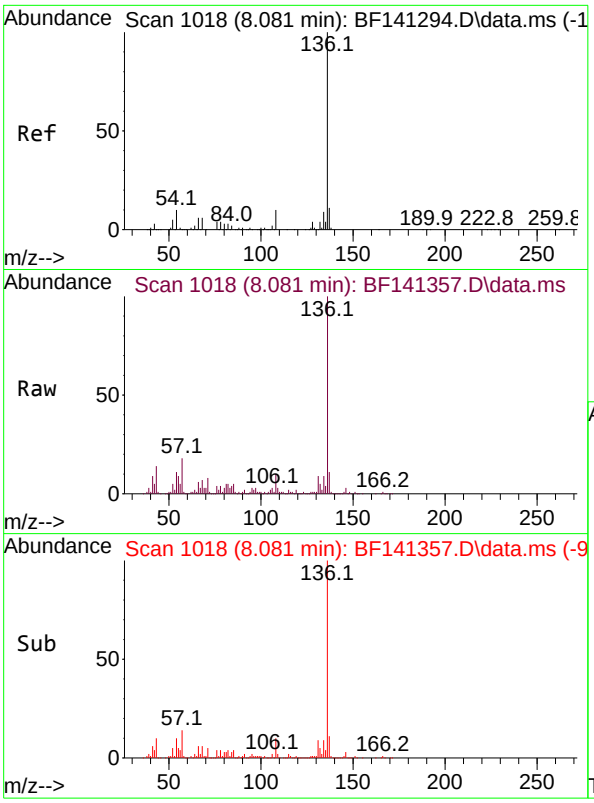


#18
Hexachloroethane
Concen: 3.667 ng
RT: 7.334 min Scan# 891
Delta R.T. 0.018 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Tgt Ion:117 Resp: 14099

Ion	Ratio	Lower	Upper
117	100		
119	427.4	76.6	114.8#
201	0.0	74.8	112.2#



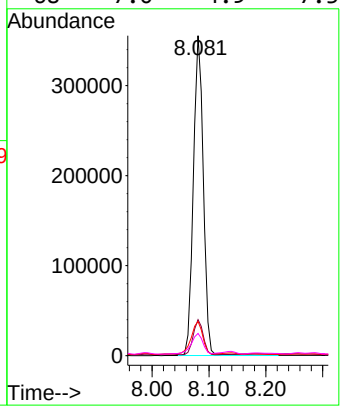


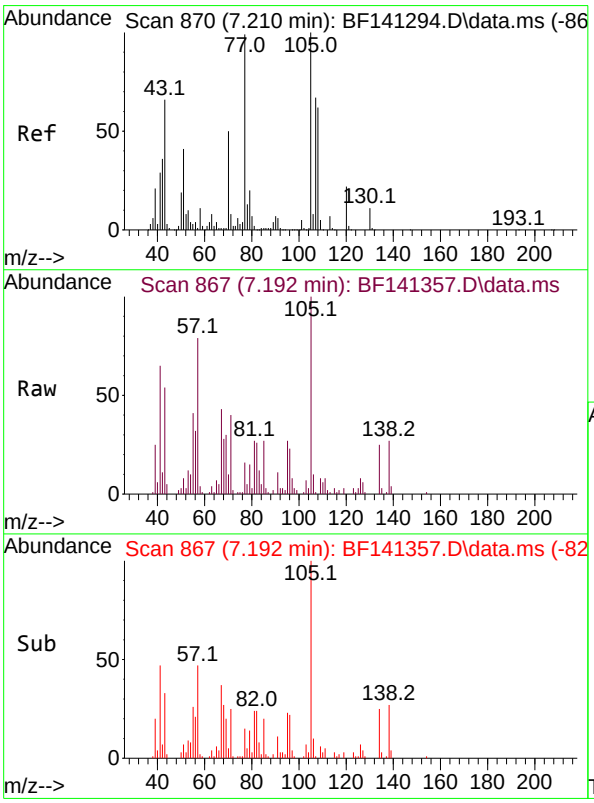
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Instrument :
BNA_F
ClientSampleId :
TR-06-01292025

Tgt Ion:136 Resp: 435390

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	10.7	7.8	11.8
68	7.0	4.9	7.3

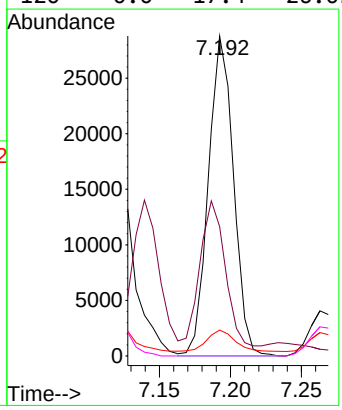


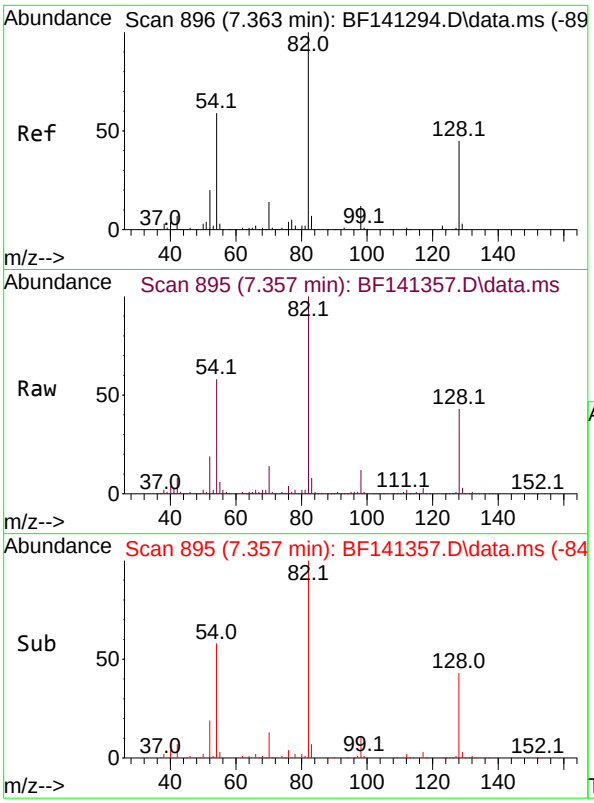


#22
Acetophenone
Concen: 3.424 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.024 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Tgt Ion:105 Resp: 35435

Ion	Ratio	Lower	Upper
105	100		
71	40.4	6.8	10.2#
51	8.1	32.6	49.0#
120	0.0	17.4	26.0#



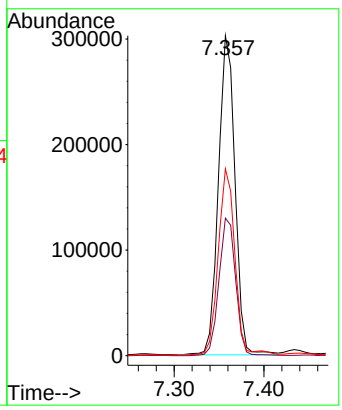


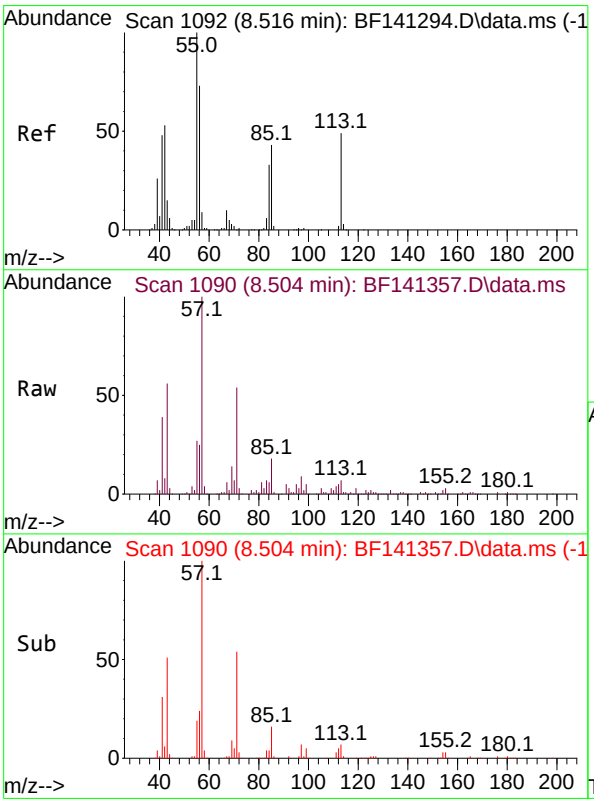
#23
Nitrobenzene-d5
Concen: 46.965 ng
RT: 7.357 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Instrument :
BNA_F
ClientSampleId :
TR-06-01292025

Tgt Ion: 82 Resp: 387890

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.7	53.5
54	58.4	47.1	70.7

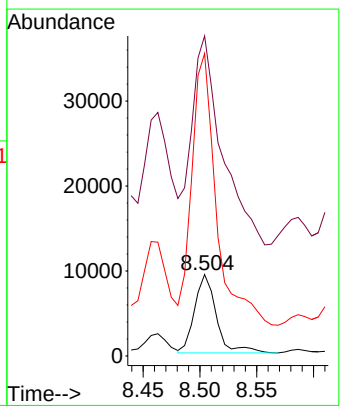


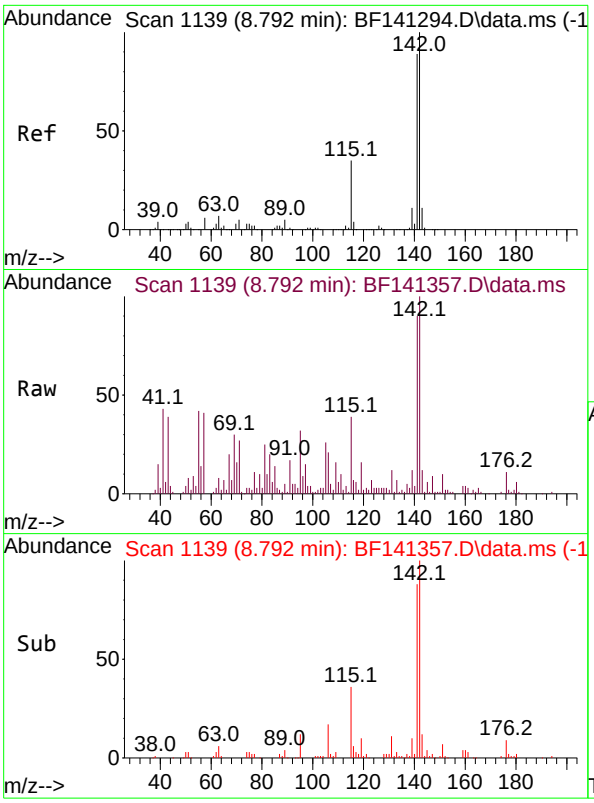


#35
Caprolactam
Concen: 5.979 ng
RT: 8.504 min Scan# 1090
Delta R.T. -0.041 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Tgt Ion:113 Resp: 12283

Ion	Ratio	Lower	Upper
113	100		
55	393.2	182.9	222.9#
56	371.5	127.9	167.9#



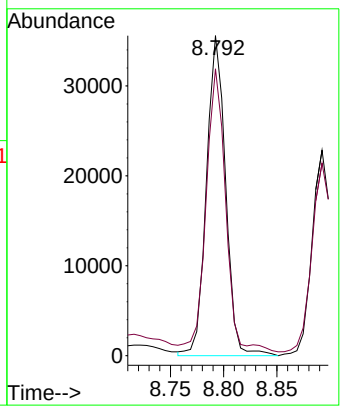


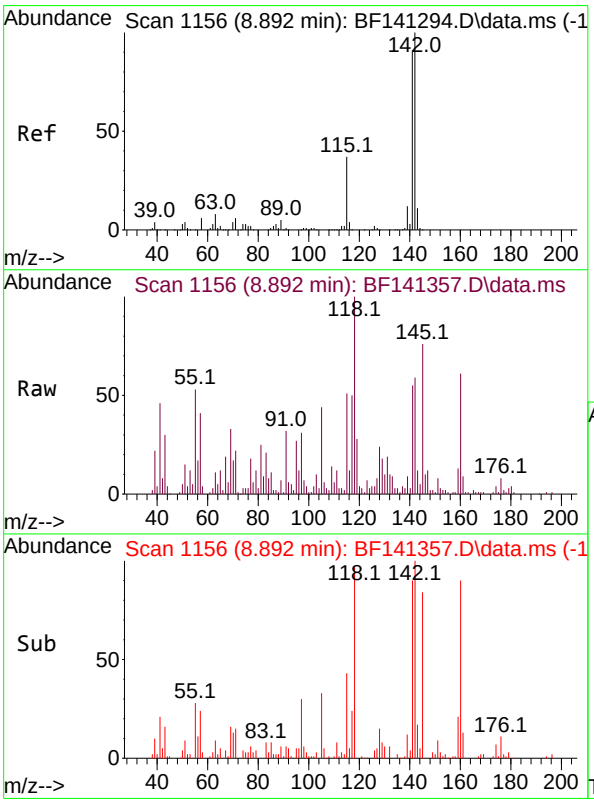
#37
2-Methylnaphthalene
Concen: 3.039 ng
RT: 8.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Instrument :
BNA_F
ClientSampleId :
TR-06-01292025

Tgt Ion:142 Resp: 44428

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.3	106.9

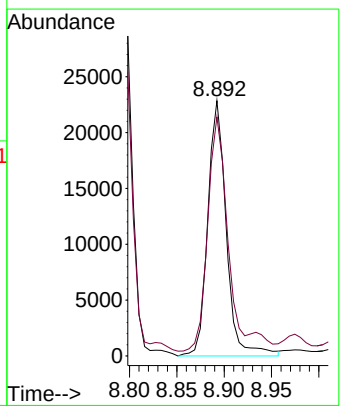


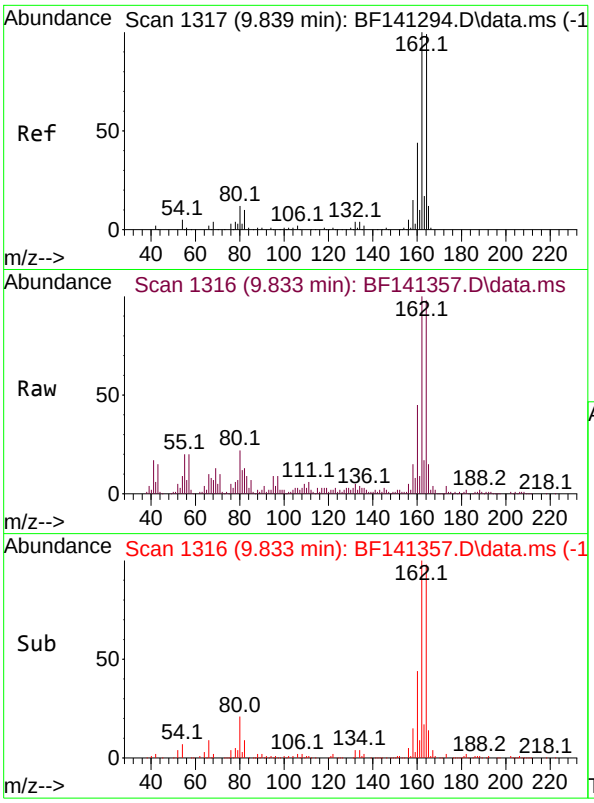


#38
1-Methylnaphthalene
Concen: 2.162 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Tgt Ion:142 Resp: 31052

Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.2	109.8



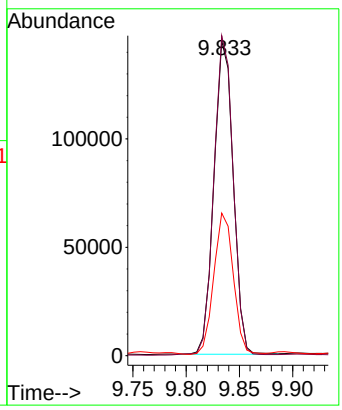


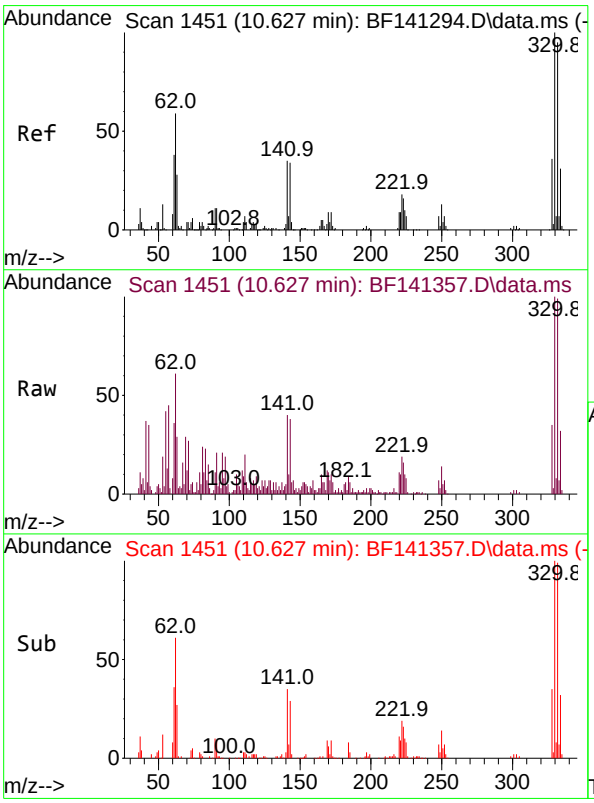
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Instrument :
BNA_F
ClientSampleId :
TR-06-01292025

Tgt Ion:164 Resp: 181797

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	121.0
160	45.3	35.8	53.6

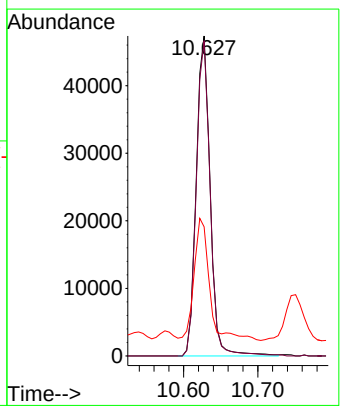


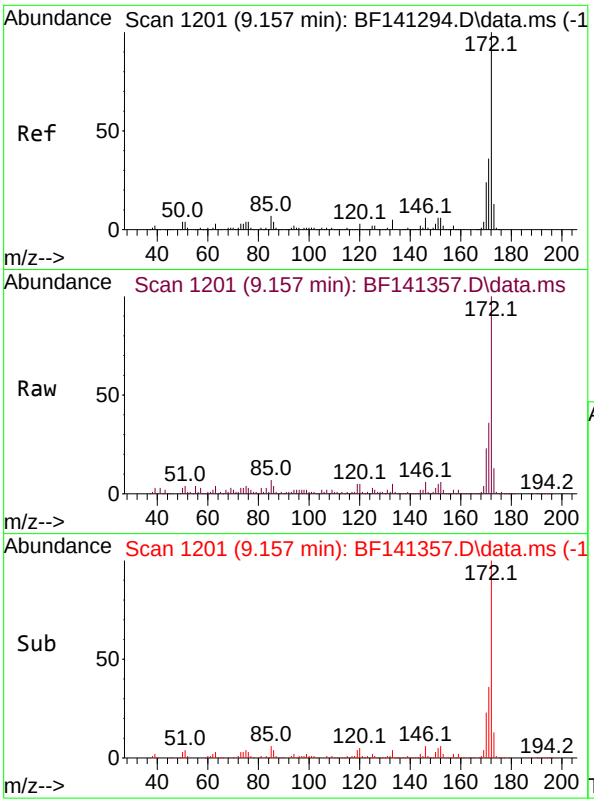


#42
2,4,6-Tribromophenol
Concen: 37.179 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Tgt Ion:330 Resp: 61964

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.1	114.1
141	42.5	28.8	43.2



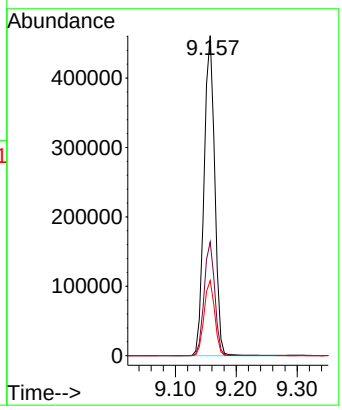


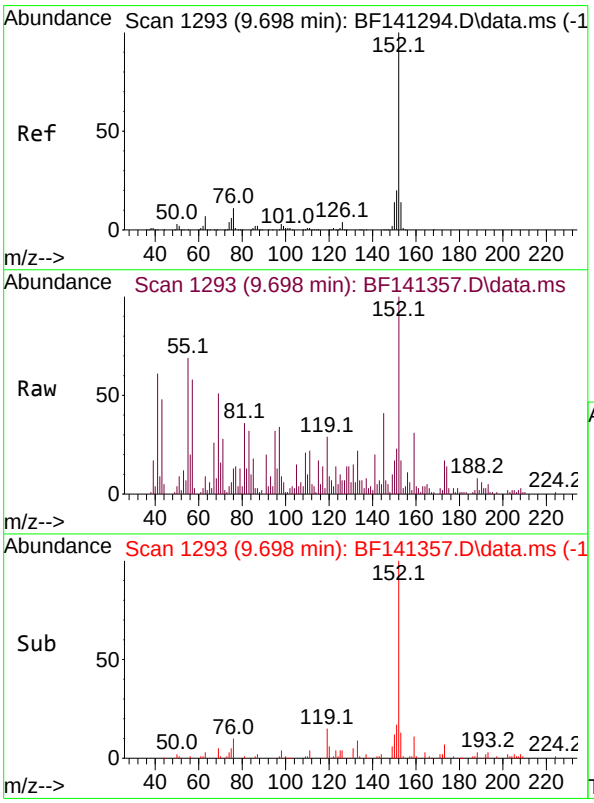
#45
2-Fluorobiphenyl
Concen: 47.526 ng
RT: 9.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Instrument :
BNA_F
ClientSampleId :
TR-06-01292025

Tgt Ion:172 Resp: 561338

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	23.5	19.0	28.6

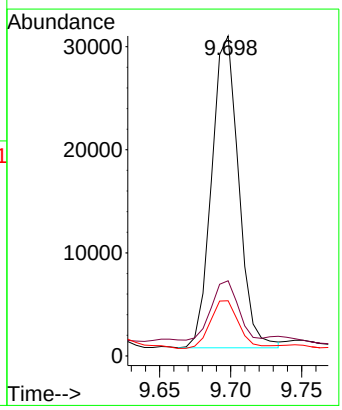


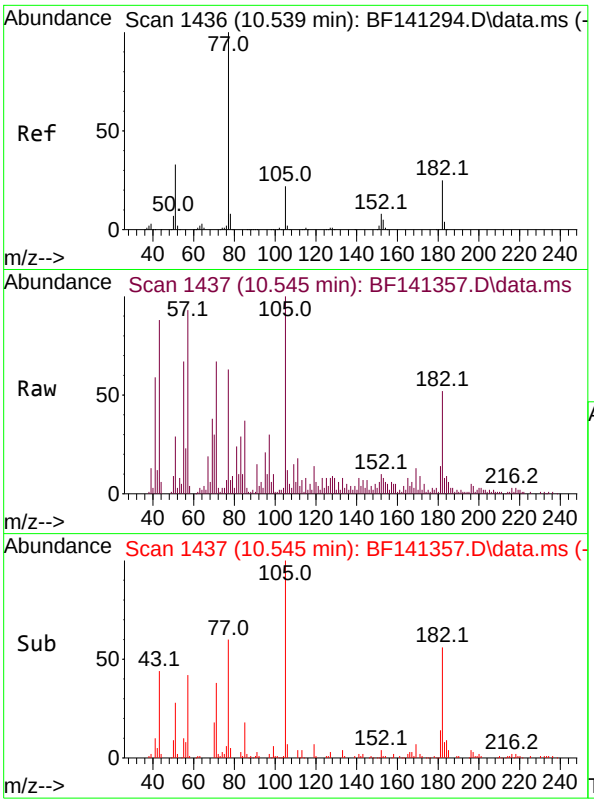


#49
Acenaphthylene
Concen: 2.586 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Tgt Ion:152 Resp: 40004

Ion	Ratio	Lower	Upper
152	100		
151	23.5	16.2	24.2
153	17.2	11.0	16.6#



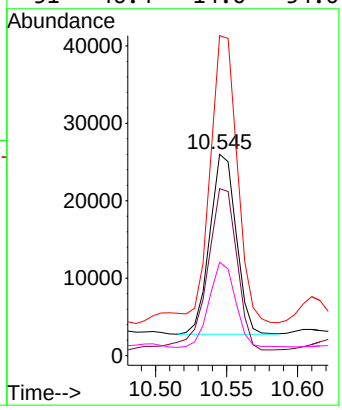


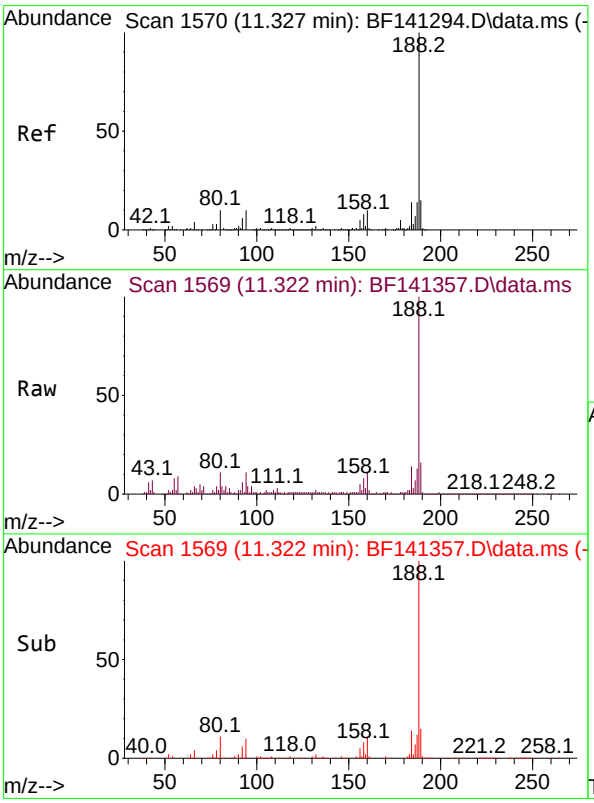
#63
Azobenzene
Concen: 2.512 ng
RT: 10.545 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Instrument :
BNA_F
ClientSampleId :
TR-06-01292025

Tgt Ion: 77 Resp: 29935

Ion	Ratio	Lower	Upper
77	100		
182	82.9	5.1	45.1#
105	158.9	1.8	41.8#
51	46.4	14.0	54.0

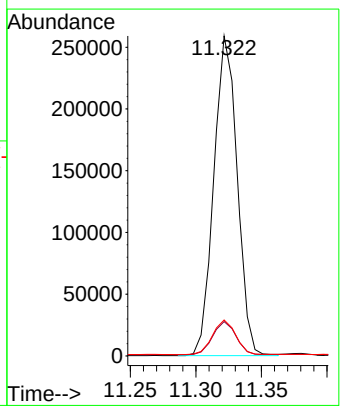


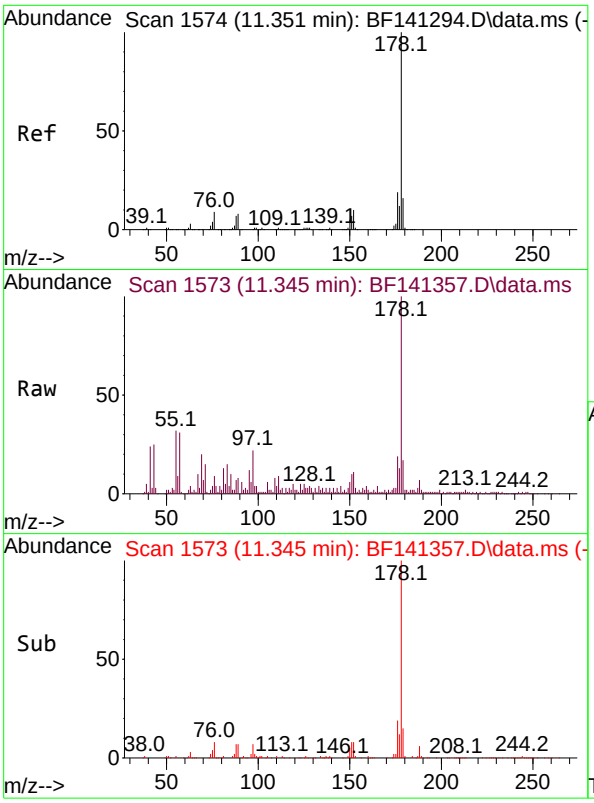


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Tgt Ion:188 Resp: 321775

Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.8	11.6
80	11.2	8.2	12.4



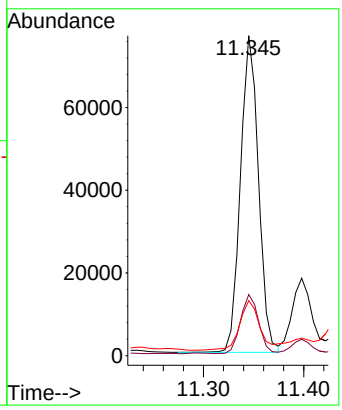


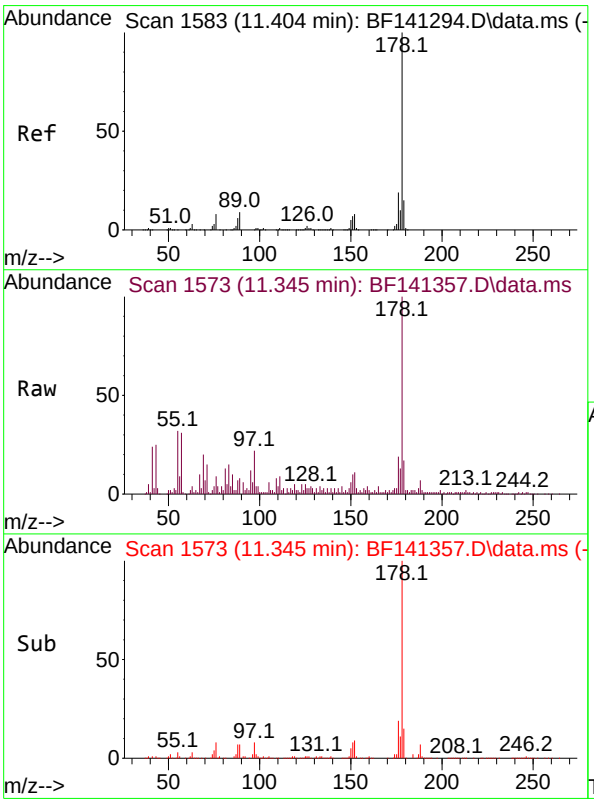
#71
Phenanthrene
Concen: 5.543 ng
RT: 11.345 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Instrument :
BNA_F
ClientSampleId :
TR-06-01292025

Tgt Ion:178 Resp: 95880

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	17.2	12.5	18.7

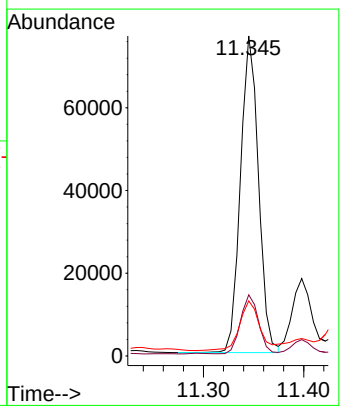


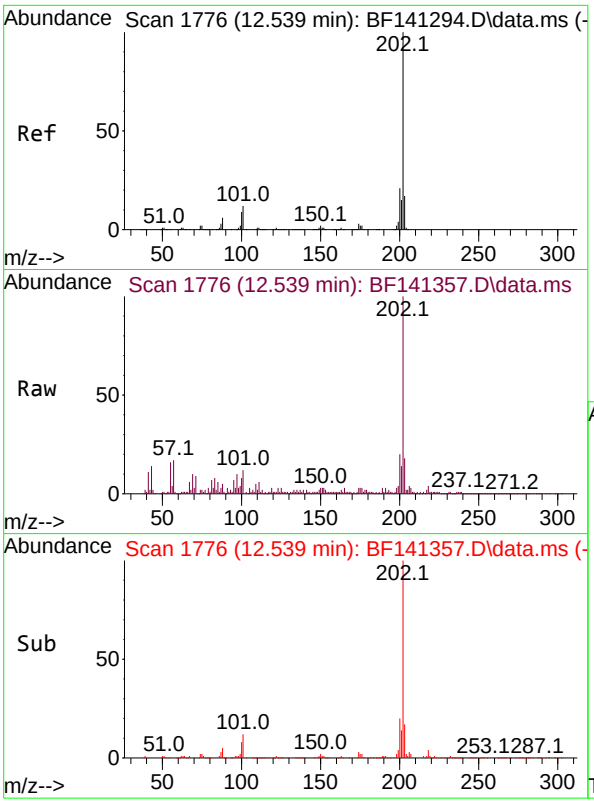


#72
Anthracene
Concen: 5.657 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.059 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Tgt Ion:178 Resp: 95880

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	17.2	12.3	18.5



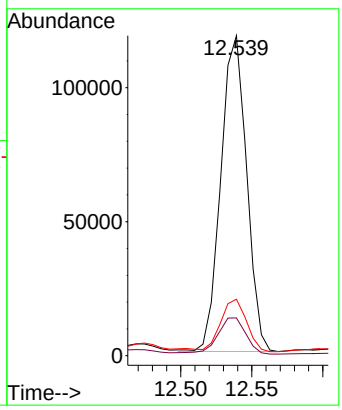


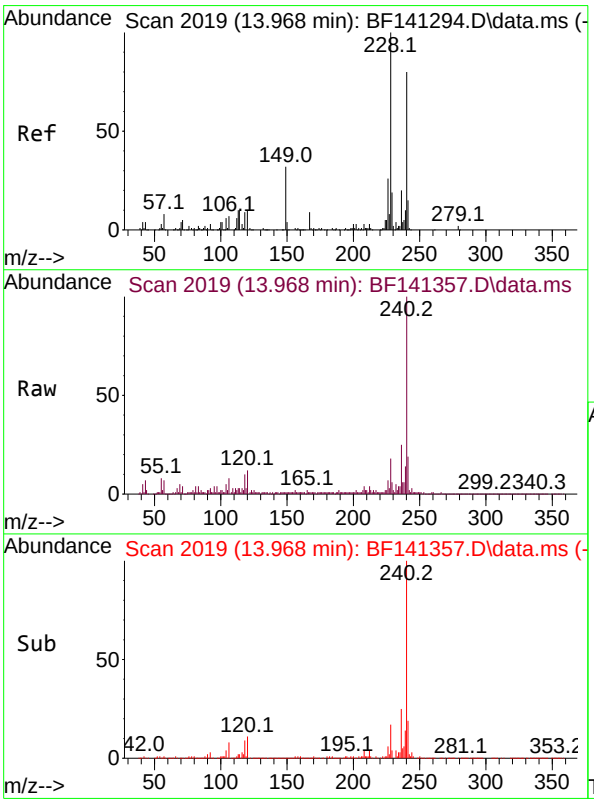
#75
Fluoranthene
Concen: 8.727 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Instrument :
BNA_F
ClientSampleId :
TR-06-01292025

Tgt Ion:202 Resp: 149053

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.7
203	17.6	0.0	37.5

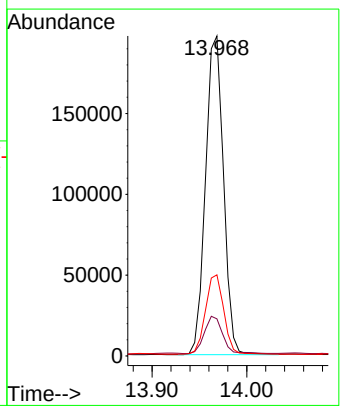


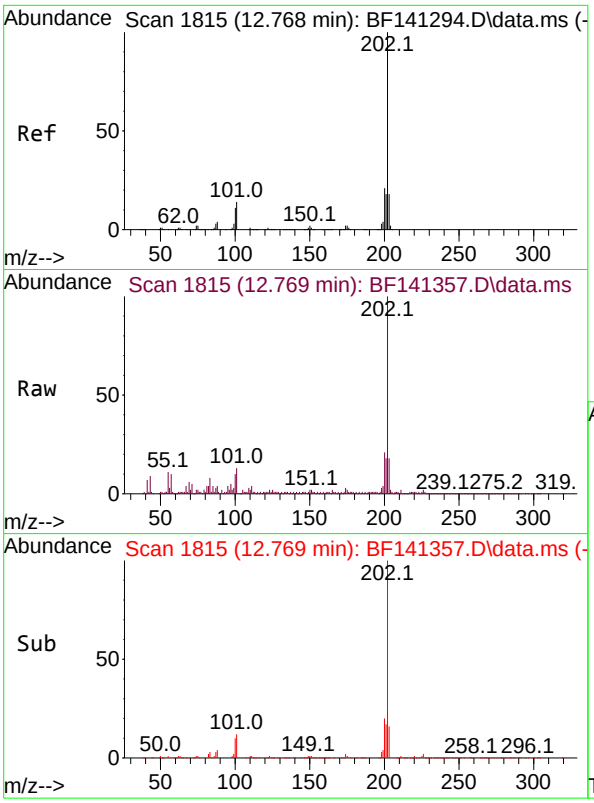


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Tgt Ion:240 Resp: 260524

Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.0	15.0
236	25.4	19.7	29.5





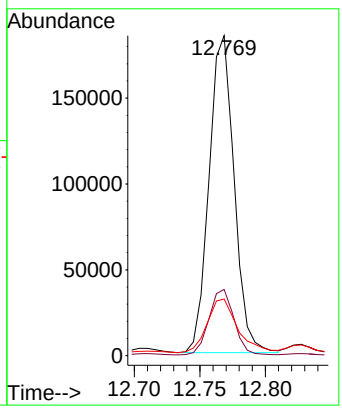
#78
Pyrene
Concen: 9.833 ng
RT: 12.769 min Scan# 1

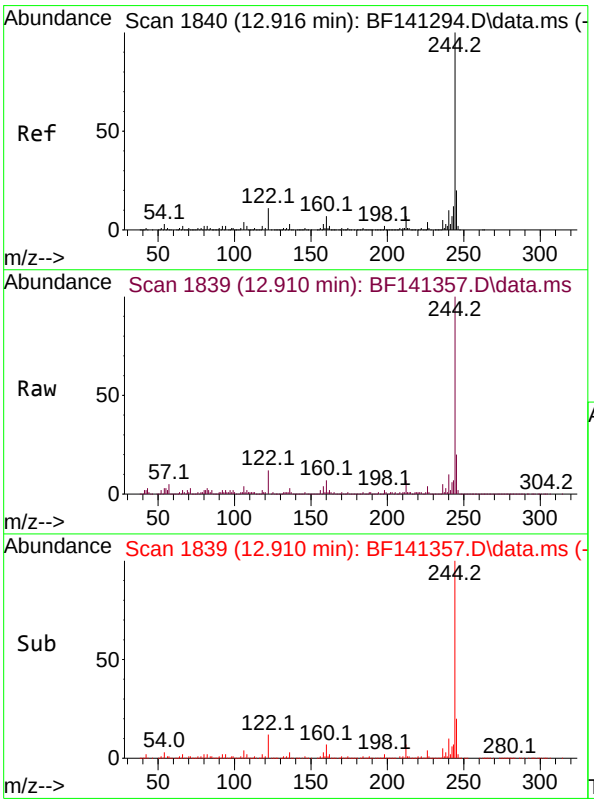
Instrument :
BNA_F
ClientSampleId :
TR-06-01292025

Delta R.T. -0.000 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Tgt Ion:202 Resp: 245898

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.0	25.4
203	17.7	14.3	21.5

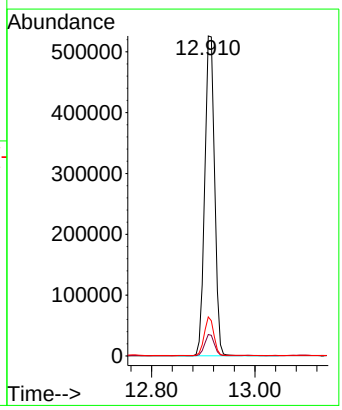


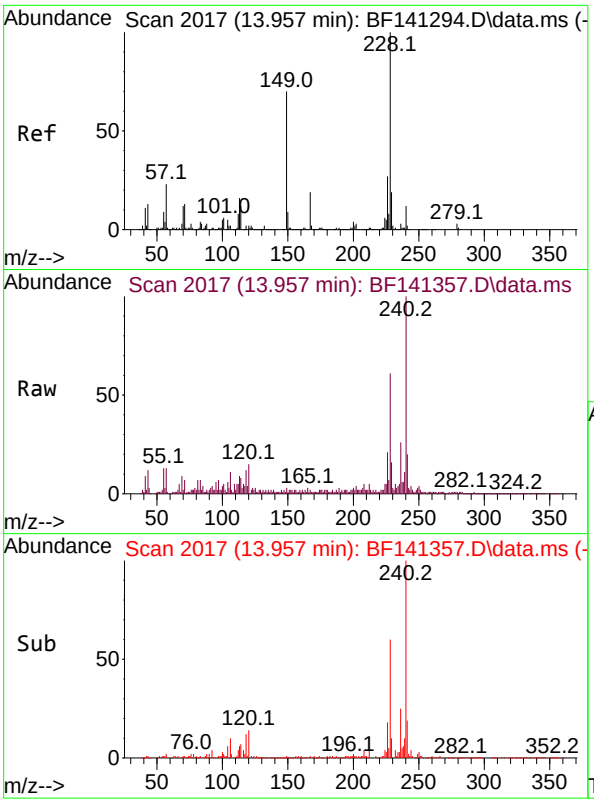


#79
Terphenyl-d14
Concen: 41.110 ng
RT: 12.910 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Tgt Ion:244 Resp: 694470

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.2	8.8	13.2



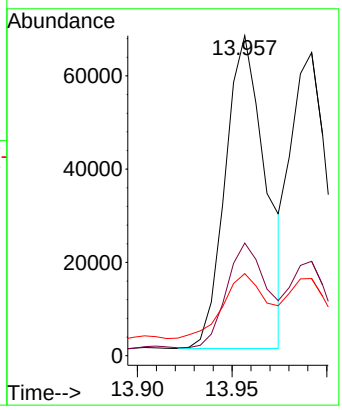


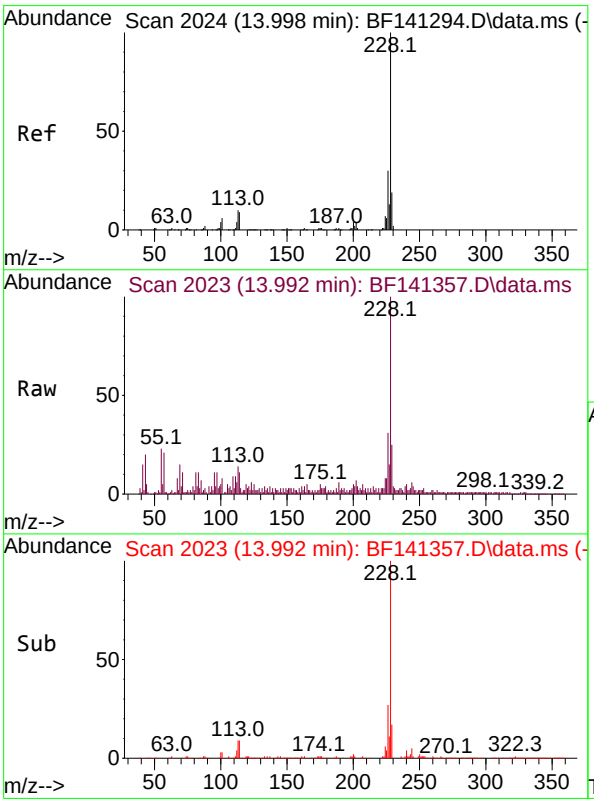
#81
Benzo(a)anthracene
Concen: 5.525 ng
RT: 13.957 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Instrument :
BNA_F
ClientSampleId :
TR-06-01292025

Tgt Ion:228 Resp: 99321

Ion	Ratio	Lower	Upper
228	100		
226	35.2	21.4	32.2#
229	25.6	15.5	23.3#

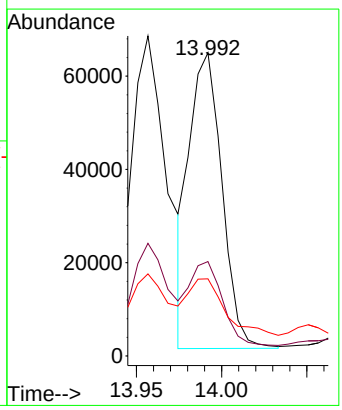


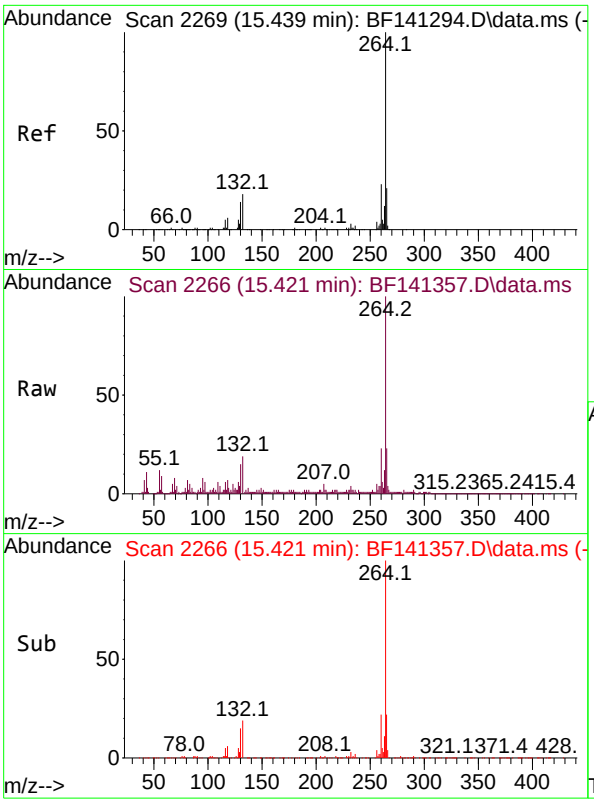


#83
Chrysene
Concen: 5.125 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Tgt Ion:228 Resp: 84433

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.1	36.1
229	25.4	15.6	23.4#



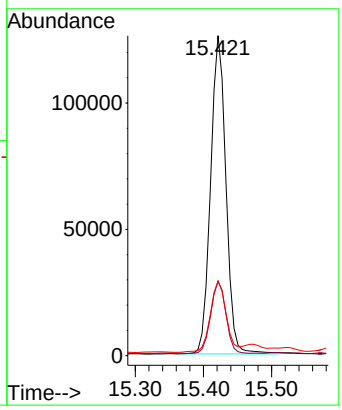


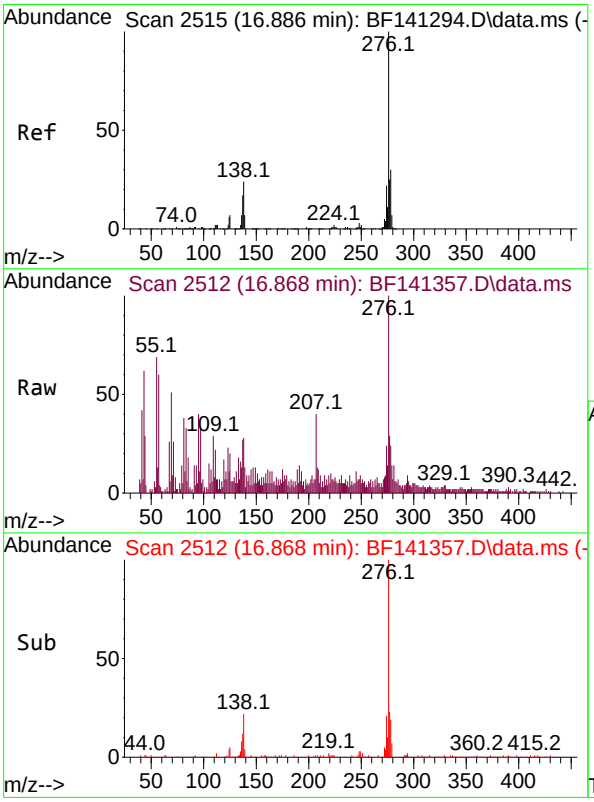
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Instrument :
BNA_F
ClientSampleId :
TR-06-01292025

Tgt Ion:264 Resp: 197298

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	23.3	16.7	25.1

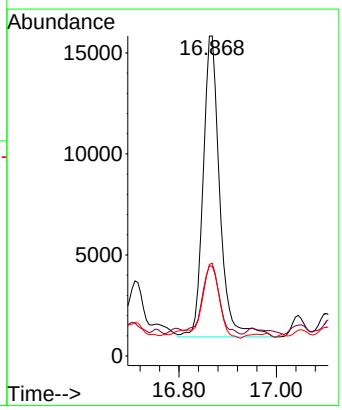


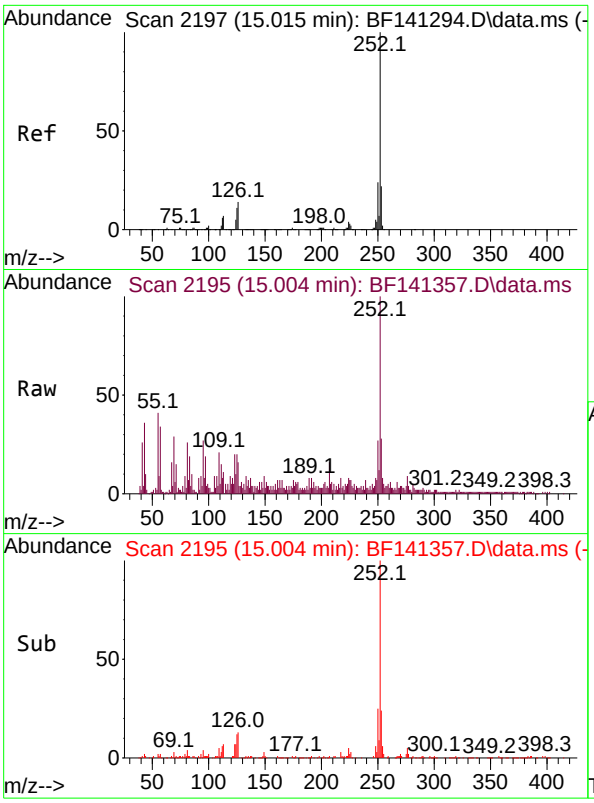


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.774 ng
RT: 16.868 min Scan# 2512
Delta R.T. -0.030 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Tgt Ion:276 Resp: 35324

Ion	Ratio	Lower	Upper
276	100		
138	25.0	21.7	32.5
277	27.9	20.3	30.5



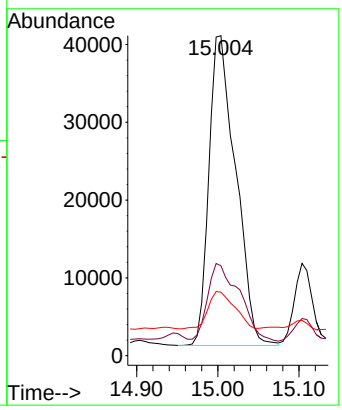


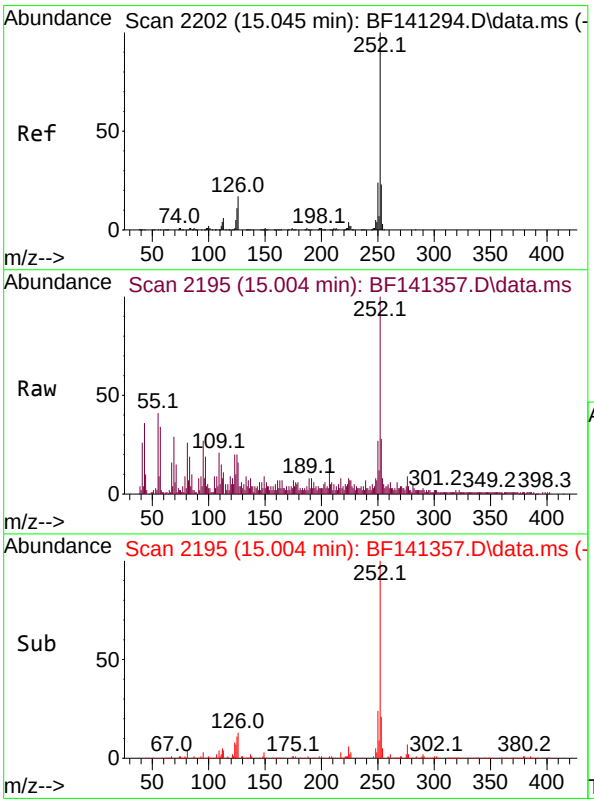
#88
Benzo(b)fluoranthene
Concen: 7.336 ng
RT: 15.004 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Instrument :
BNA_F
ClientSampleId :
TR-06-01292025

Tgt Ion:252 Resp: 91046

Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.4	26.2#
125	19.9	8.6	12.8#

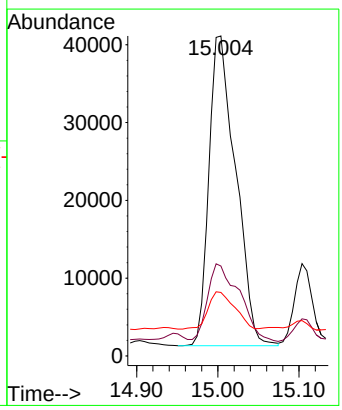


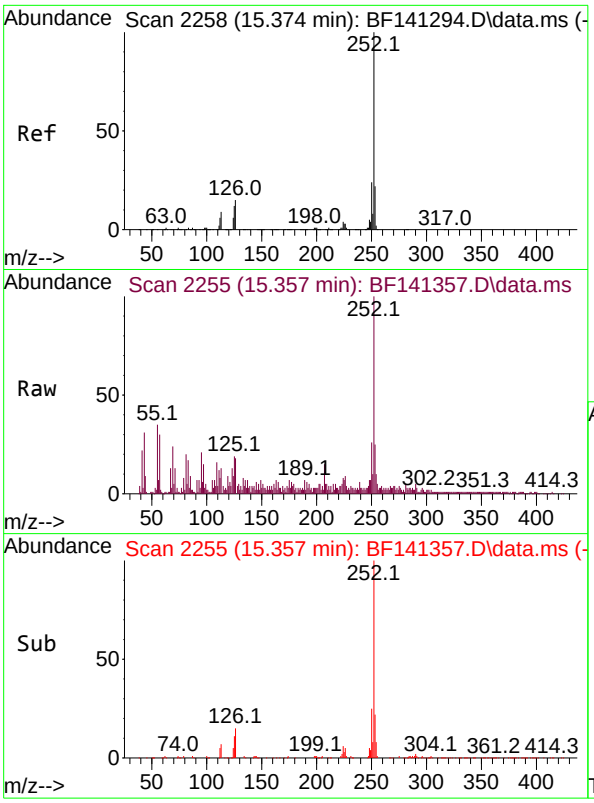


#89
Benzo(k)fluoranthene
Concen: 8.281 ng
RT: 15.004 min Scan# 2195
Delta R.T. -0.047 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Tgt Ion:252 Resp: 91046

Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.6	26.4#
125	19.9	8.4	12.6#



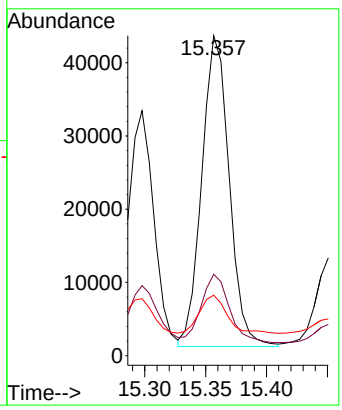


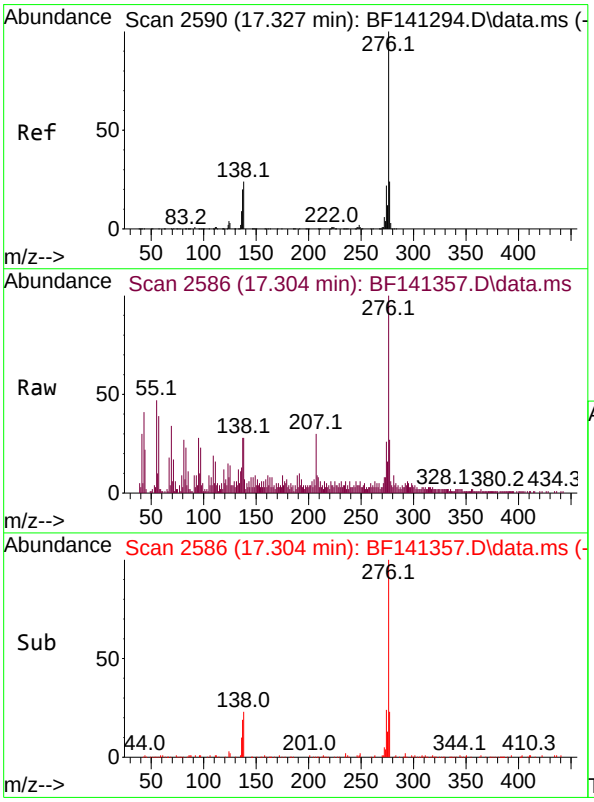
#90
Benzo(a)pyrene
Concen: 6.328 ng
RT: 15.357 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Instrument :
BNA_F
ClientSampleId :
TR-06-01292025

Tgt Ion:252 Resp: 66362

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.2	25.8
125	18.9	9.4	14.2#





#92
Benzo(g,h,i)perylene
Concen: 4.778 ng
RT: 17.304 min Scan# 2586
Delta R.T. -0.041 min
Lab File: BF141357.D
Acq: 01 Feb 2025 02:44

Tgt Ion:276 Resp: 50898

Ion	Ratio	Lower	Upper
276	100		
277	27.0	19.2	28.8
138	27.5	19.0	28.4