Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142160.D
Acq On : 28 Mar 2025 15:07
Operator : RC/JU
Sample : Q1661-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 351

Quant Time: Mar 28 15:36:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	147292	20.000	ng		-0.01
21) Naphthalene-d8	8.151	136	598576	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	338421	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	514713	20.000	ng		-0.01
76) Chrysene-d12	14.033	240	319757	20.000	ng		0.00
86) Perylene-d12	15.510	264	321963	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	869371	98.508	ng		0.00
7) Phenol-d6	6.492	99	1083334	96.411	ng		-0.01
23) Nitrobenzene-d5	7.428	82	740194	69.590	ng		-0.02
42) 2,4,6-Tribromophenol	10.698	330	266747	62.131	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1616541	72.645	ng		-0.01
79) Terphenyl-d14	12.980	244	1370371	63.362	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	100142	13.870	ng	#	78
25) Isophorone	7.428	82	728803	38.763	ng	#	64
51) 2,6-Dinitrotoluene	9.904	165	45628	9.247	ng	#	23
57) 2,4-Dinitrotoluene	9.904	165	45842	7.113	ng	#	25
63) Azobenzene	10.616	77	165617	7.538	ng	#	1
67) 4-Bromophenyl-phenylether	10.692	248	16518	2.555	ng	#	1
71) Phenanthrene	11.416	178	330115	11.874	ng		99
75) Fluoranthene	12.610	202	487854	16.543	ng		99
78) Pyrene	12.839	202	456110	16.490	ng		99
81) Benzo(a)anthracene	14.021	228	190255	9.067	ng		97
83) Chrysene	14.057	228	203374	10.693	ng		98
87) Indeno(1,2,3-cd)pyrene	16.992	276	82716	3.972	ng	#	94
88) Benzo(b)fluoranthene	15.080	252	318758	14.446	ng		98
89) Benzo(k)fluoranthene	15.080	252	318758	16.880	ng		98
90) Benzo(a)pyrene	15.445	252	161214	9.337	ng		100
92) Benzo(g,h,i)perylene	17.445	276	82908	4.882	ng		97

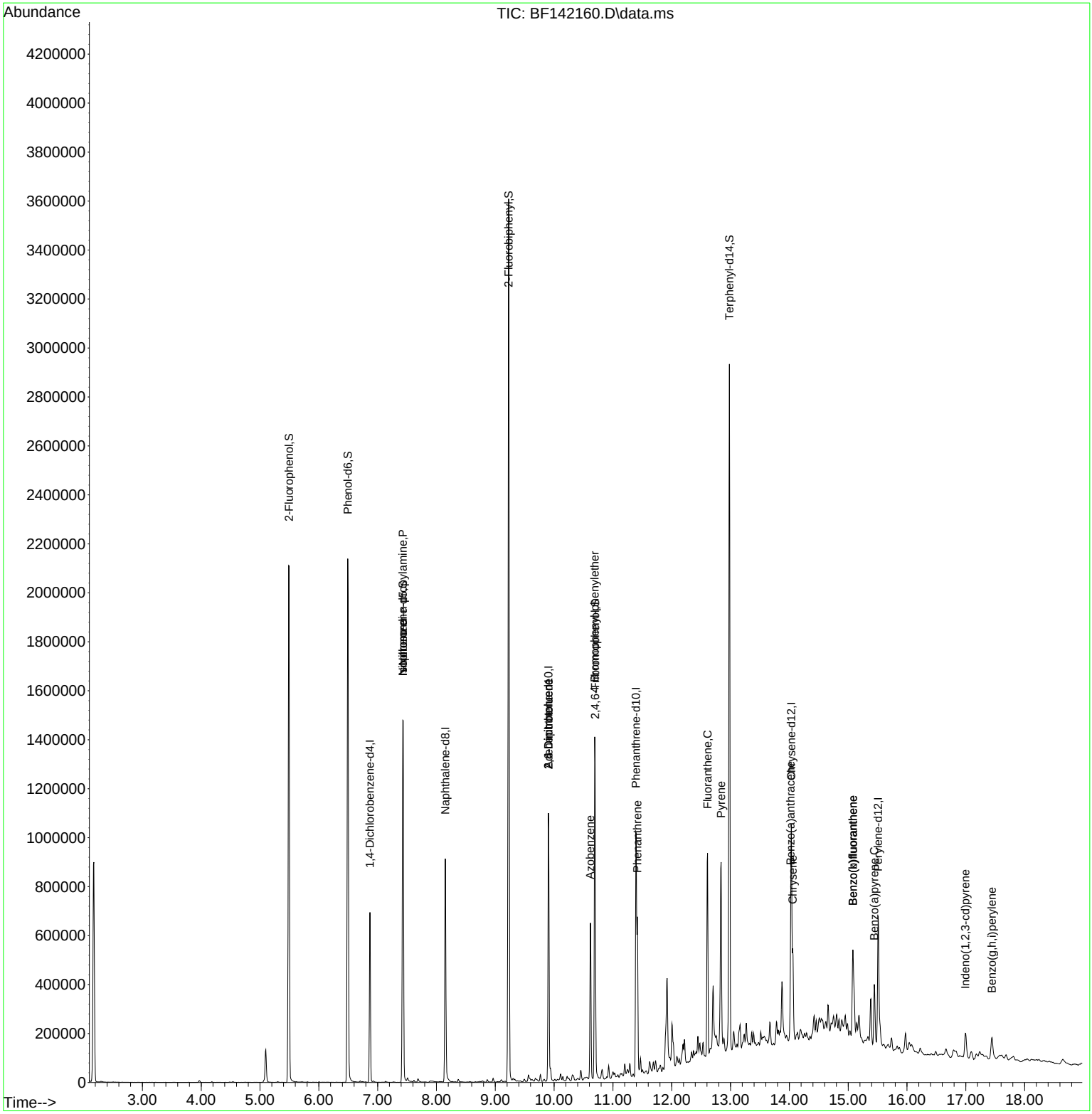
(#) = qualifier out of range (m) = manual integration (+) = signals summed

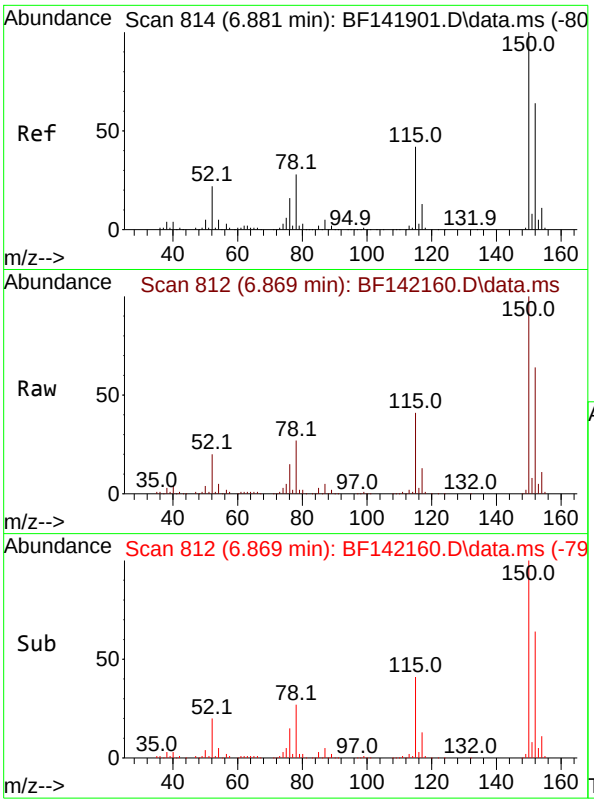
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142160.D
Acq On : 28 Mar 2025 15:07
Operator : RC/JU
Sample : Q1661-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
351

Quant Time: Mar 28 15:36:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



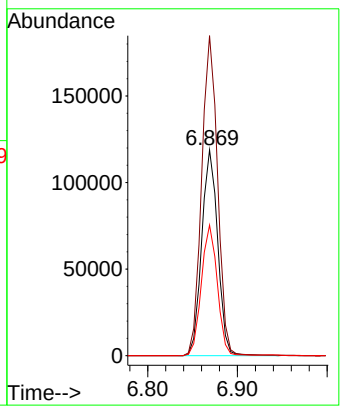


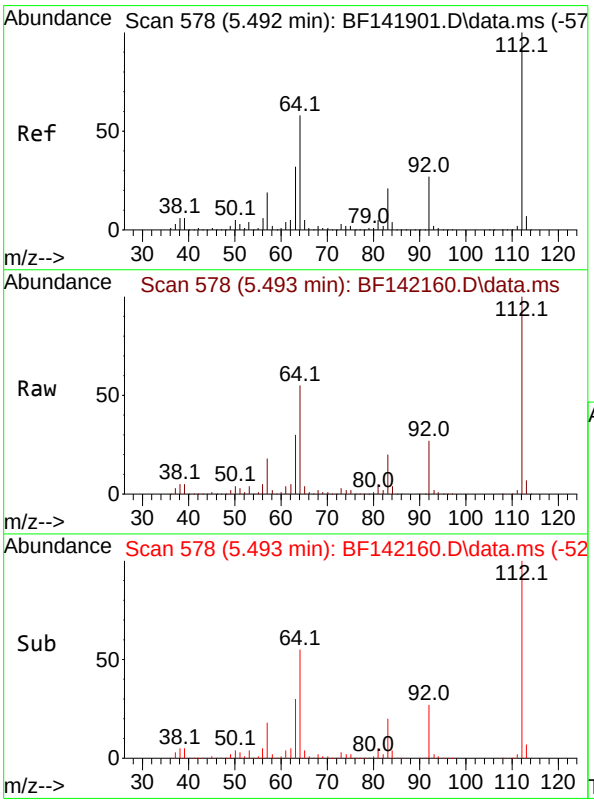
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Instrument :
BNA_F
ClientSampleId :
351

Tgt Ion:152 Resp: 147292

Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.4	191.2
115	63.4	51.9	77.9

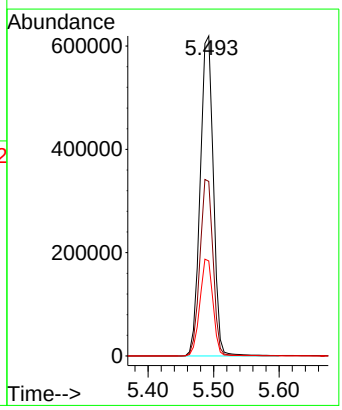


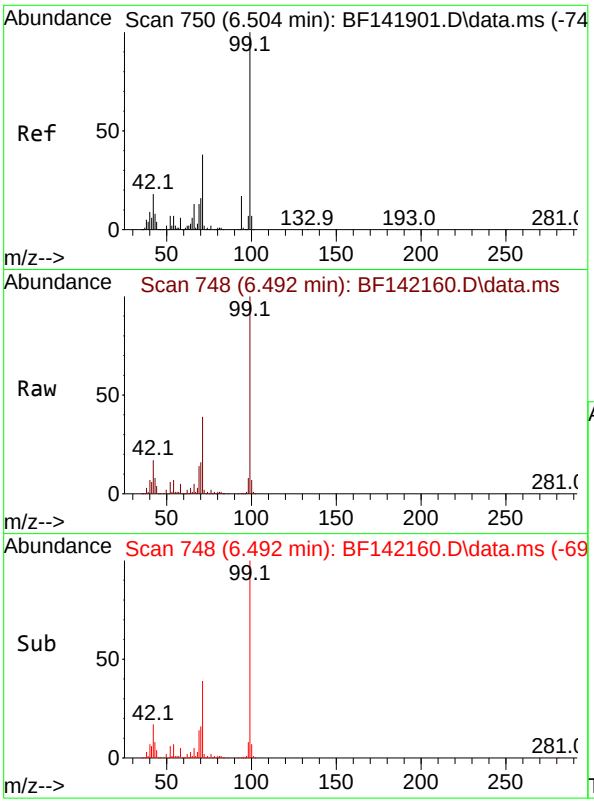


#5
2-Fluorophenol
Concen: 98.508 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Tgt Ion:112 Resp: 869371

Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.5	69.7
63	29.7	25.4	38.2



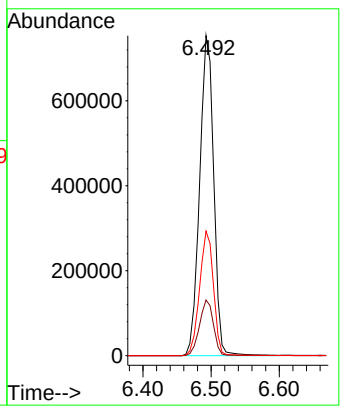


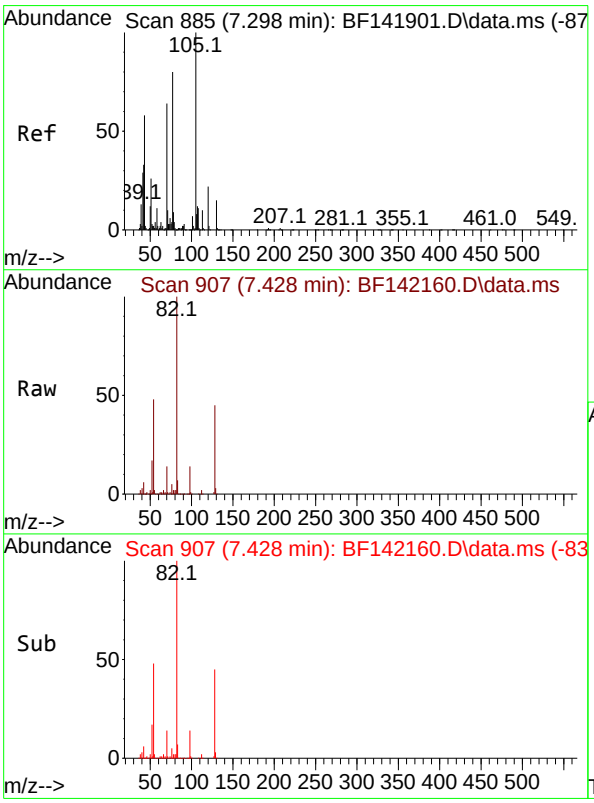
#7
Phenol-d6
Concen: 96.411 ng
RT: 6.492 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Instrument :
BNA_F
ClientSampleId :
351

Tgt Ion: 99 Resp: 1083334

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.6	21.8
71	38.9	30.8	46.2

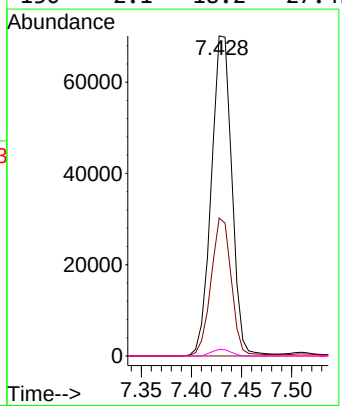


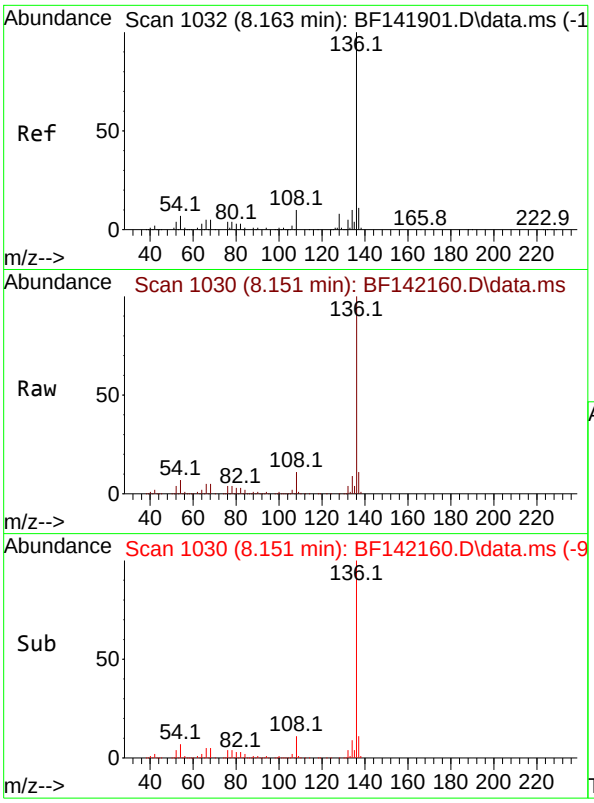


#19
n-Nitroso-di-n-propylamine
Concen: 13.870 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.129 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Tgt Ion: 70 Resp: 100142

Ion	Ratio	Lower	Upper
70	100		
42	43.1	41.4	62.0
101	0.0	8.2	12.2#
130	2.1	18.2	27.4#



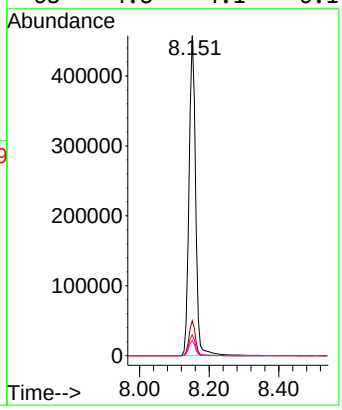


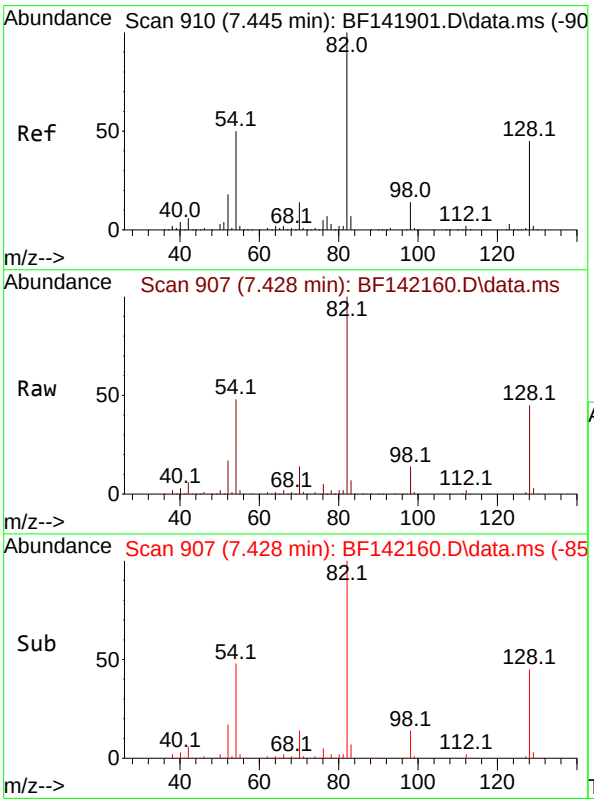
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Instrument :
BNA_F
ClientSampleId :
351

Tgt Ion:136 Resp: 598576

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.5	5.8	8.8
68	4.8	4.1	6.1

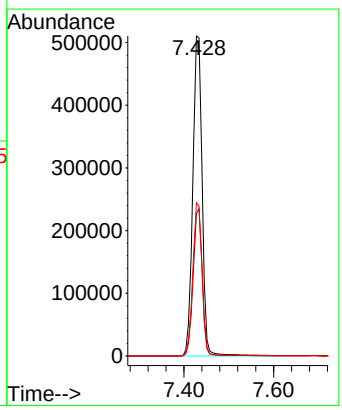


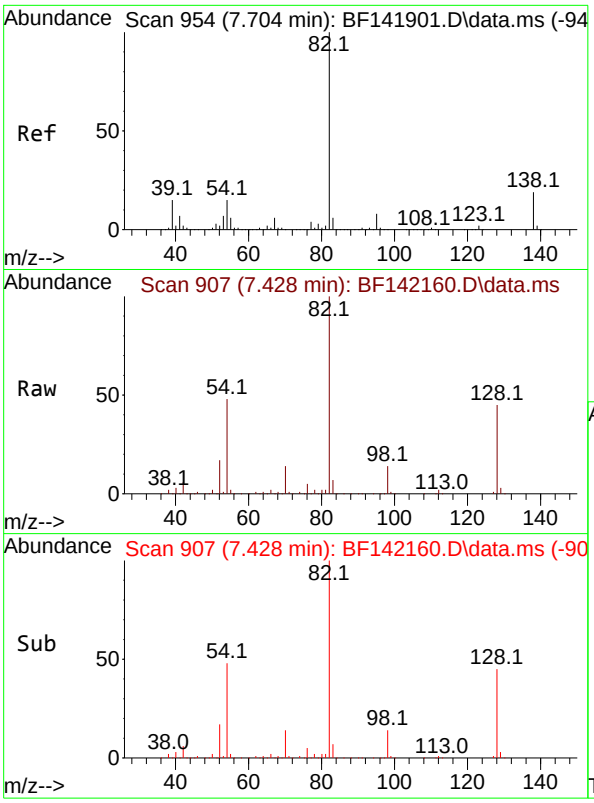


#23
Nitrobenzene-d5
Concen: 69.590 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.018 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Tgt Ion: 82 Resp: 740194

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.0	54.0
54	47.9	39.6	59.4



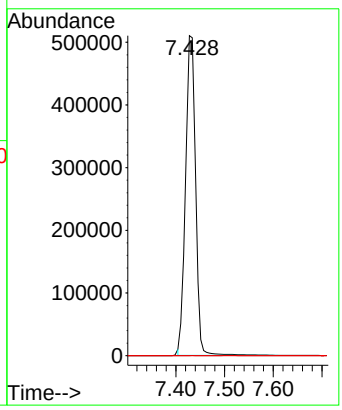


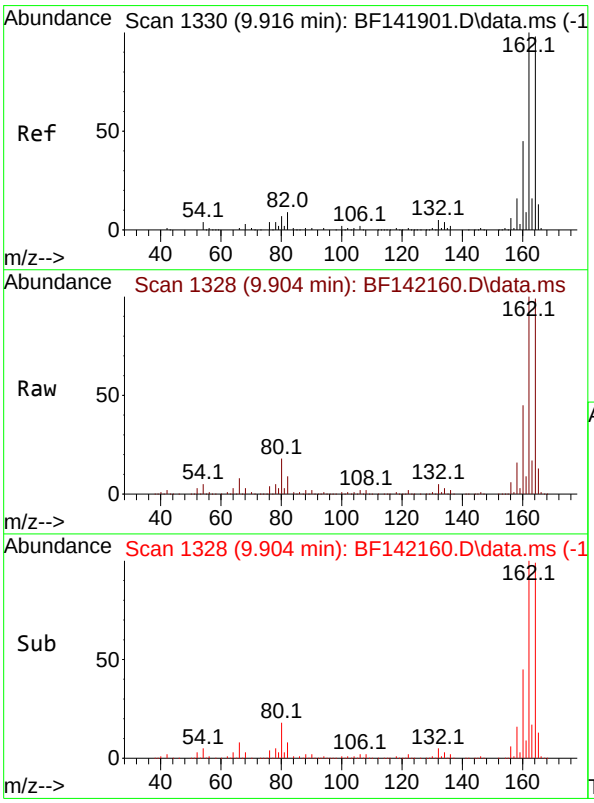
#25
Isophorone
Concen: 38.763 ng
RT: 7.428 min Scan# 9
Delta R.T. -0.276 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Instrument :
BNA_F
ClientSampleId :
351

Tgt Ion: 82 Resp: 728803

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.4	9.6#
138	0.0	14.9	22.3#

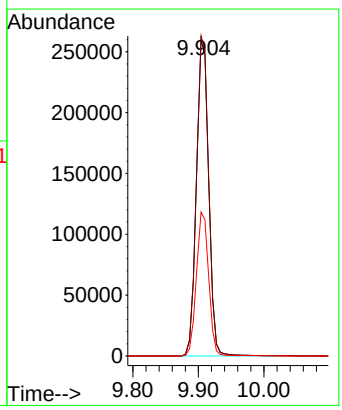


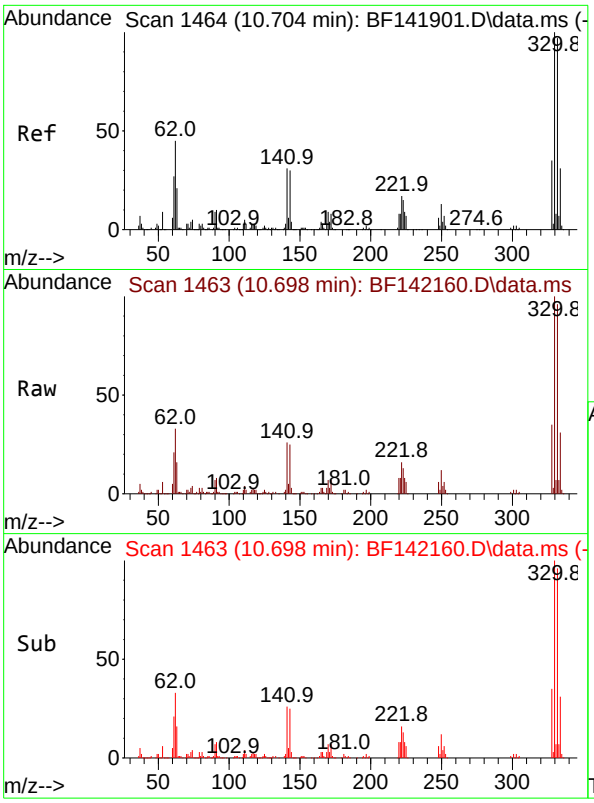


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Tgt Ion:164 Resp: 338421

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.8	122.6
160	45.5	36.7	55.1



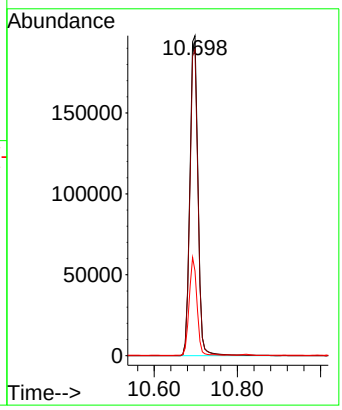


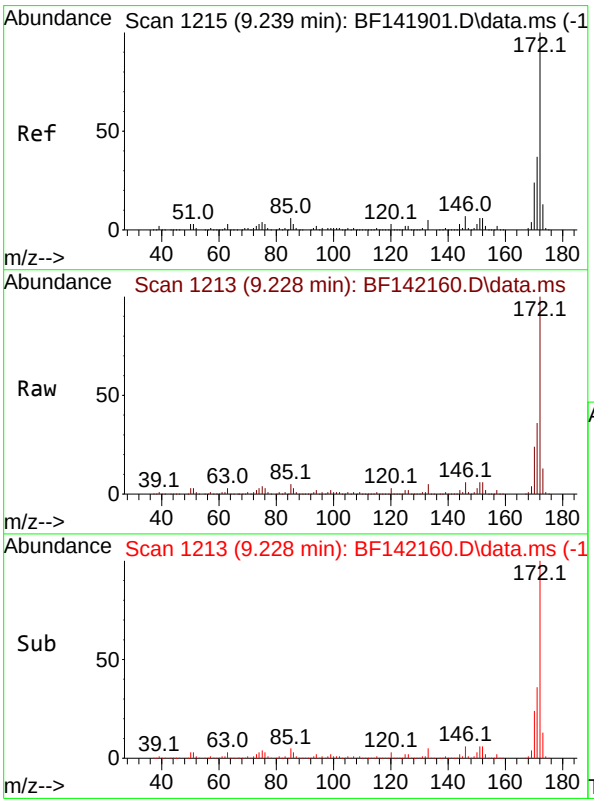
#42
2,4,6-Tribromophenol
Concen: 62.131 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Instrument :
BNA_F
ClientSampleId :
351

Tgt Ion:330 Resp: 266747

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.6	116.4
141	29.4	24.7	37.1

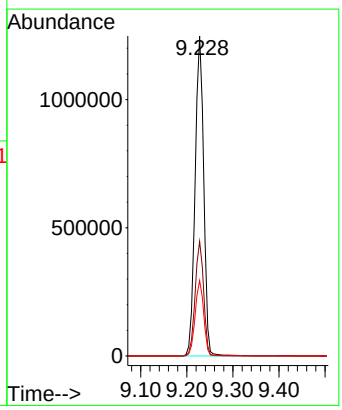


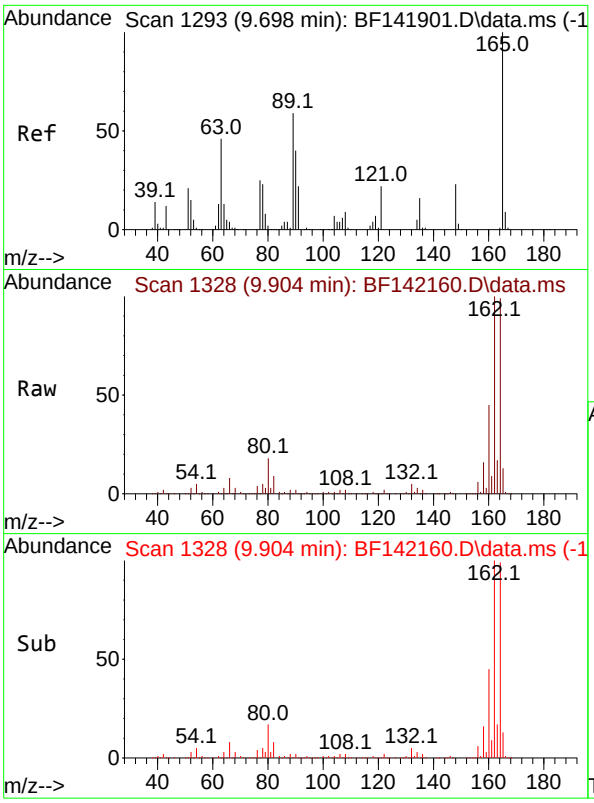


#45
2-Fluorobiphenyl
Concen: 72.645 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Tgt Ion:172 Resp: 1616541

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.3	43.9
170	23.6	19.4	29.0



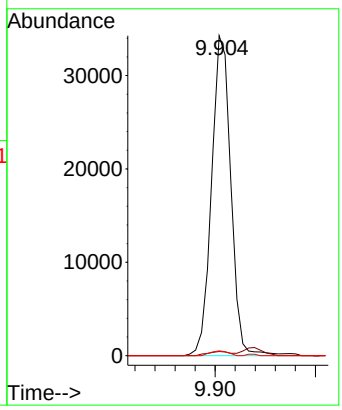


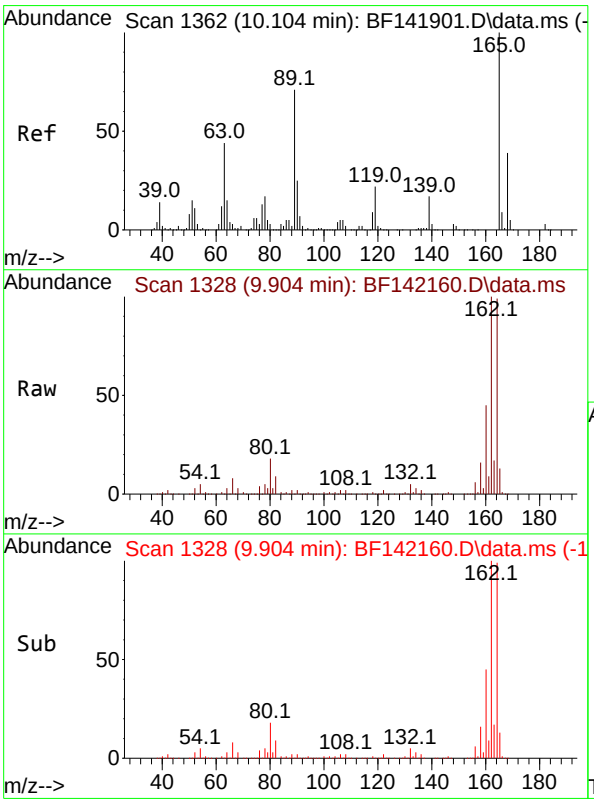
#51
2,6-Dinitrotoluene
Concen: 9.247 ng
RT: 9.904 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Instrument :
BNA_F
ClientSampleId :
351

Tgt Ion:165 Resp: 45628

Ion	Ratio	Lower	Upper
165	100		
63	1.3	47.0	70.4#
89	1.5	47.4	71.2#

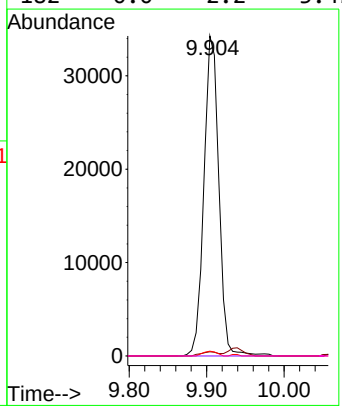


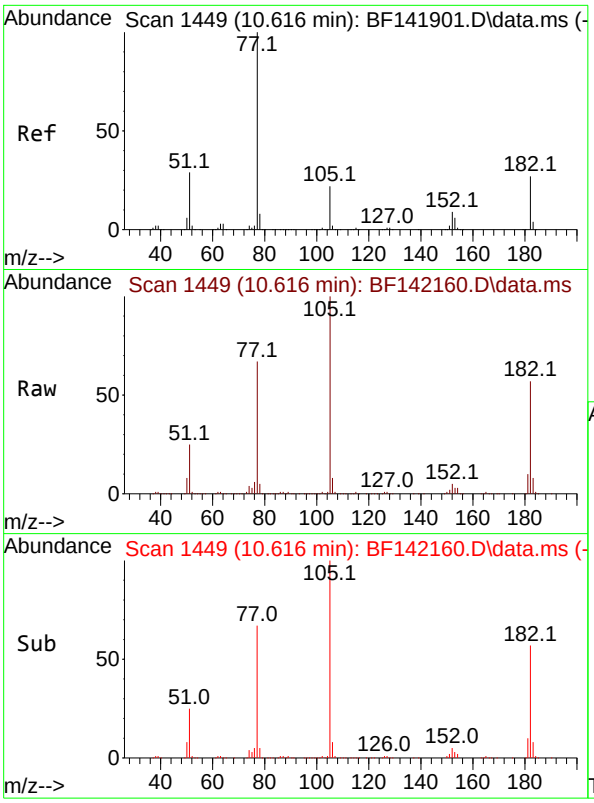


#57
2,4-Dinitrotoluene
Concen: 7.113 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Tgt Ion:165 Resp: 45842

Ion	Ratio	Lower	Upper
165	100		
63	1.3	35.4	53.2#
89	1.5	56.6	84.8#
182	0.0	2.2	3.4#



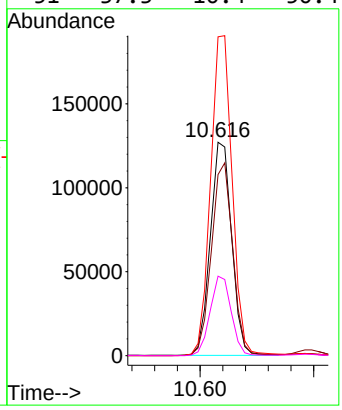


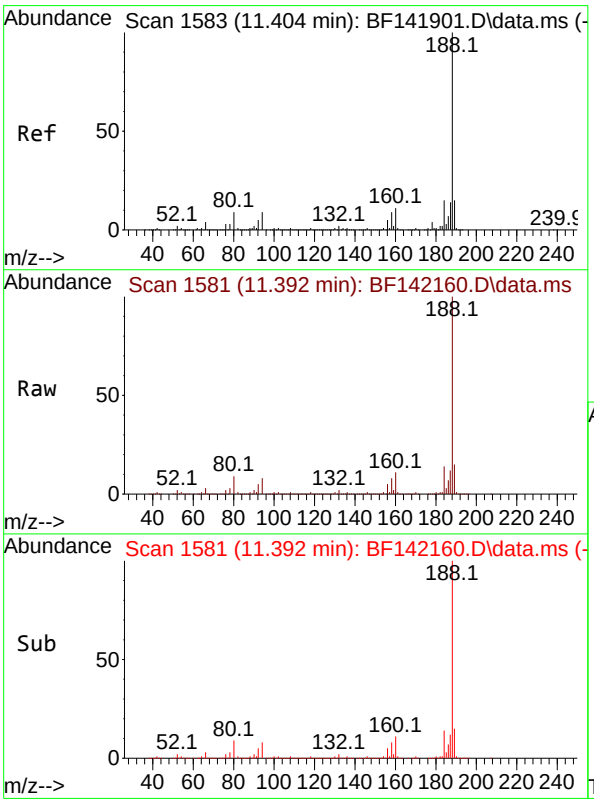
#63
Azobenzene
Concen: 7.538 ng
RT: 10.616 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Instrument :
BNA_F
ClientSampleId :
351

Tgt Ion: 77 Resp: 165617

Ion	Ratio	Lower	Upper
77	100		
182	84.9	6.6	46.6#
105	149.3	1.3	41.3#
51	37.3	10.4	50.4

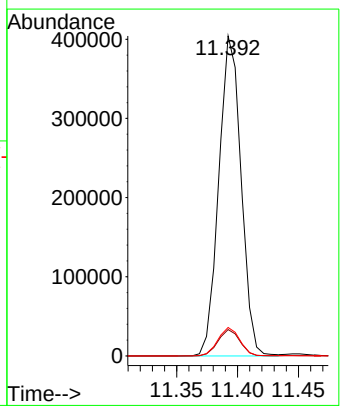


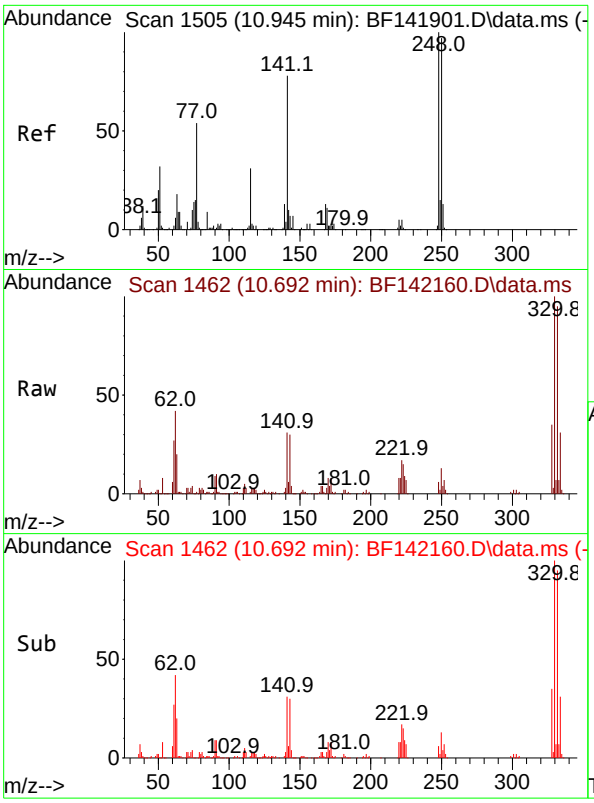


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Tgt Ion:188 Resp: 514713

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.8	10.2
80	8.9	7.6	11.4



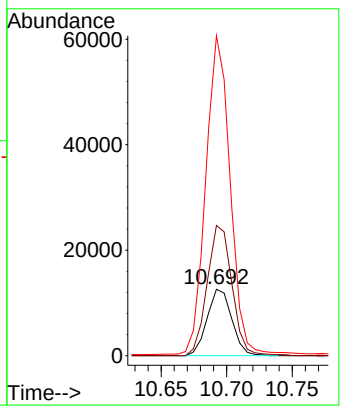


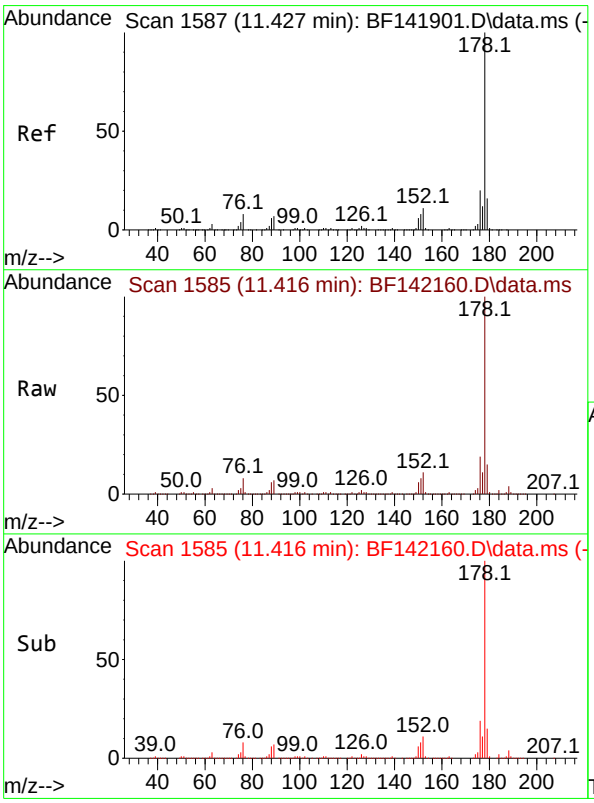
#67
4-Bromophenyl-phenylether
Concen: 2.555 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Instrument :
BNA_F
ClientSampleId :
351

Tgt Ion:248 Resp: 16518

Ion	Ratio	Lower	Upper
248	100		
250	196.2	77.8	116.8#
141	482.3	62.6	93.8#

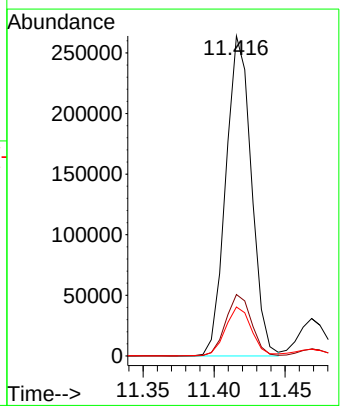


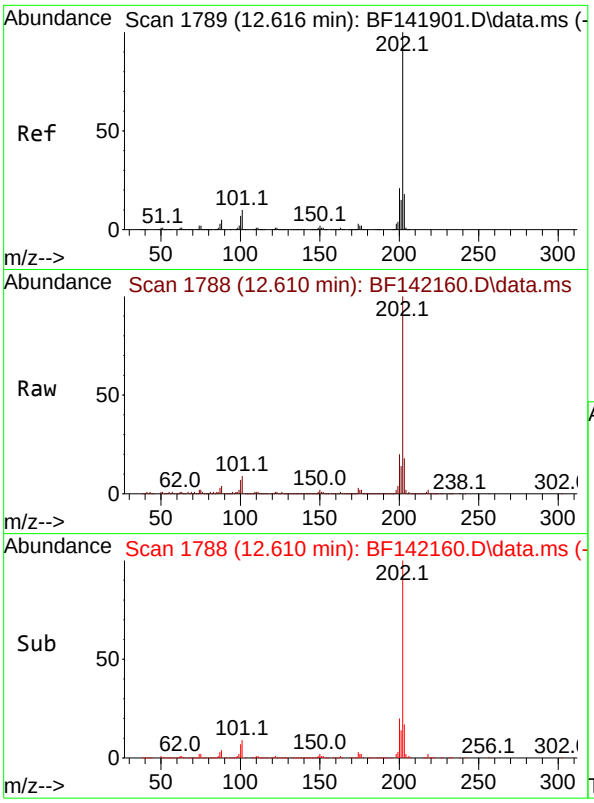


#71
Phenanthrene
Concen: 11.874 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Tgt Ion:178 Resp: 330115

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.3	12.6	19.0



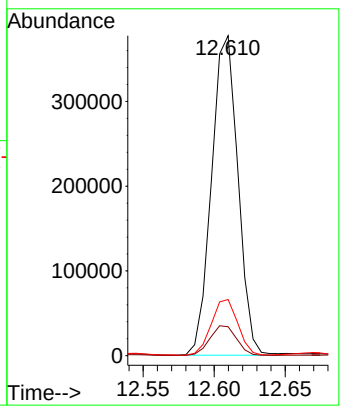


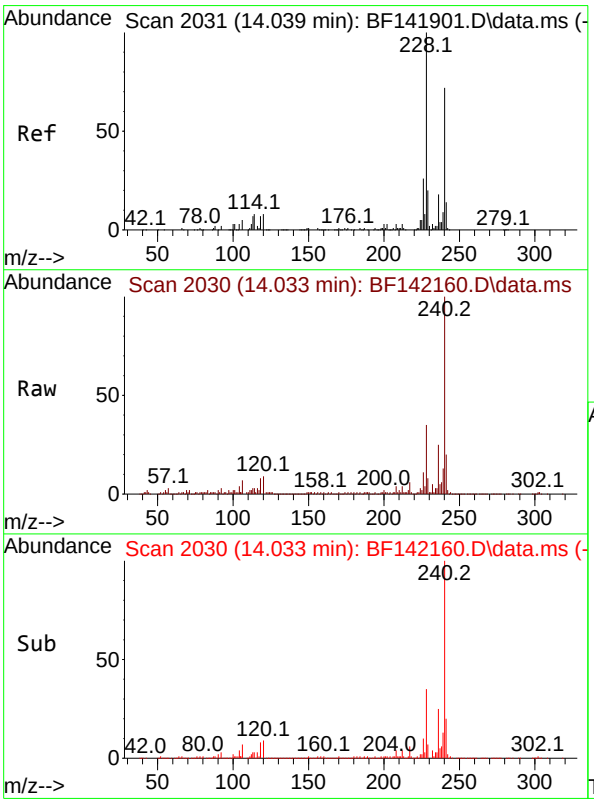
#75
Fluoranthene
Concen: 16.543 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Instrument :
BNA_F
ClientSampleId :
351

Tgt Ion:202 Resp: 487854

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	29.7
203	17.6	0.0	37.8

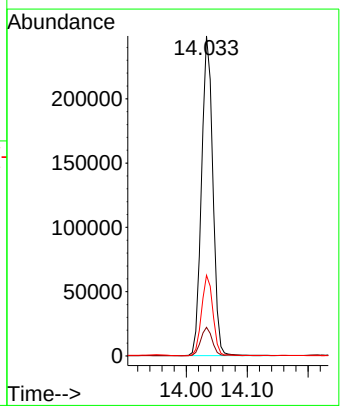


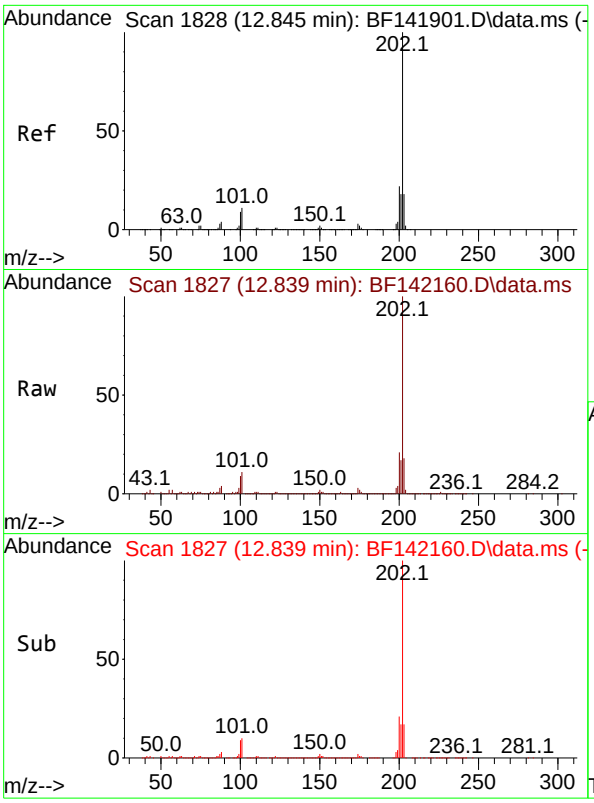


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Tgt Ion:240 Resp: 319757

Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.4	12.6
236	25.2	20.5	30.7



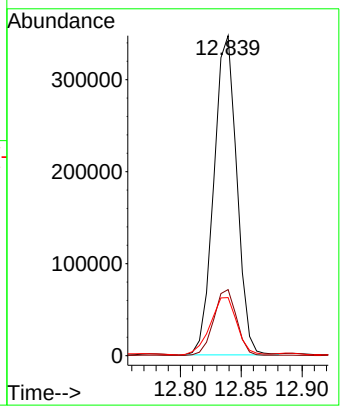


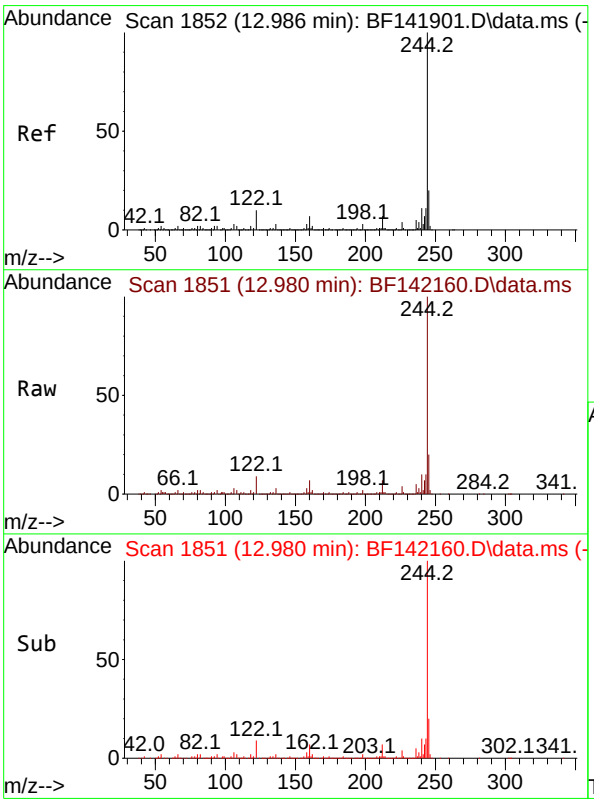
#78
Pyrene
Concen: 16.490 ng
RT: 12.839 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Instrument :
BNA_F
ClientSampleId :
351

Tgt Ion:202 Resp: 456110

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.3	25.9
203	18.2	14.4	21.6

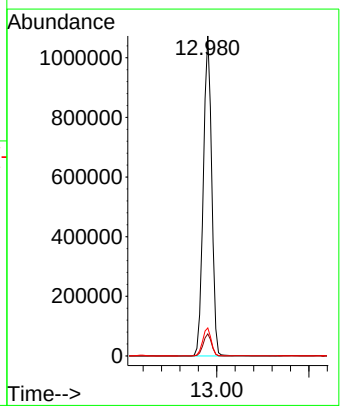


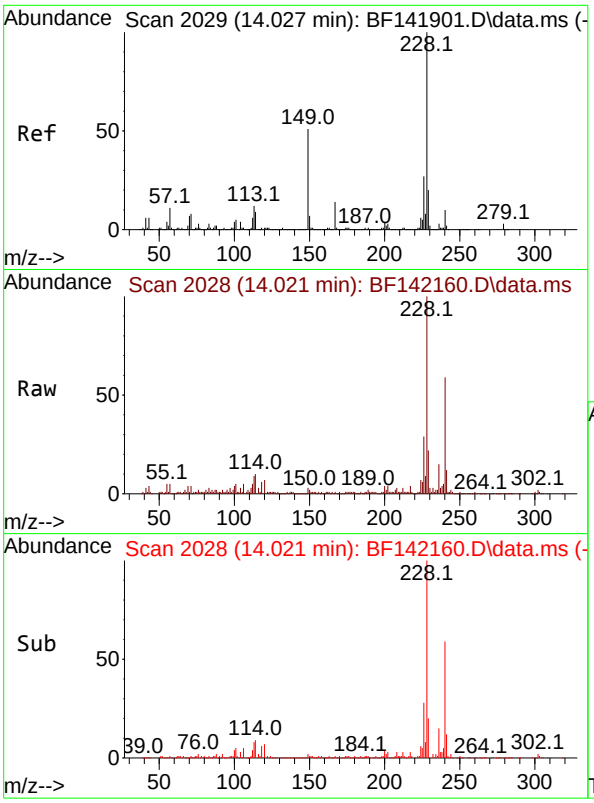


#79
Terphenyl-d14
Concen: 63.362 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Tgt Ion:244 Resp: 1370371

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	8.8	7.7	11.5



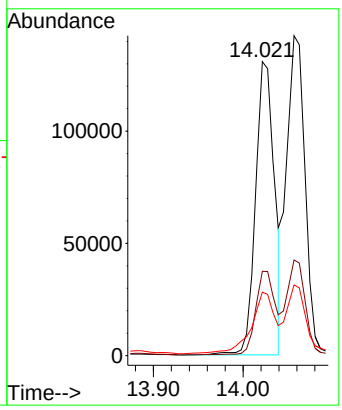


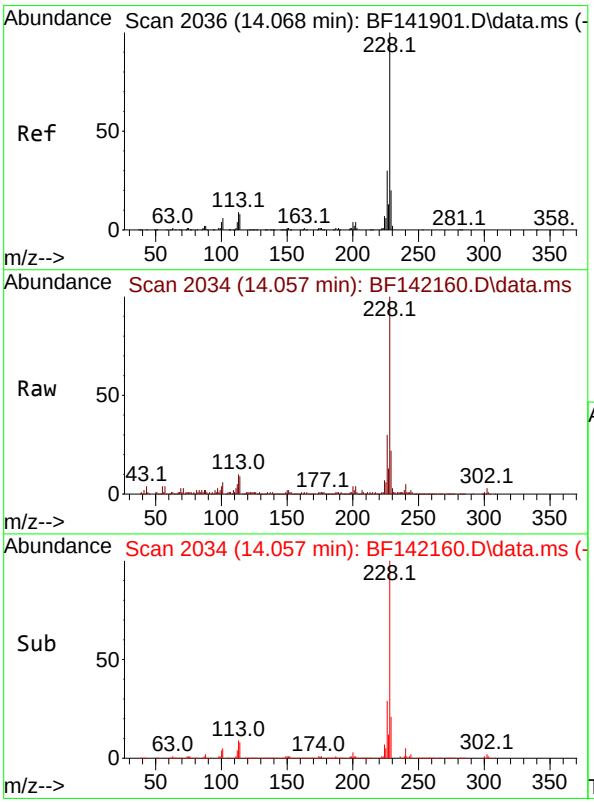
#81
Benzo(a)anthracene
Concen: 9.067 ng
RT: 14.021 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Instrument :
BNA_F
ClientSampleId :
351

Tgt Ion:228 Resp: 190255

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.8	32.8
229	21.6	16.0	24.0

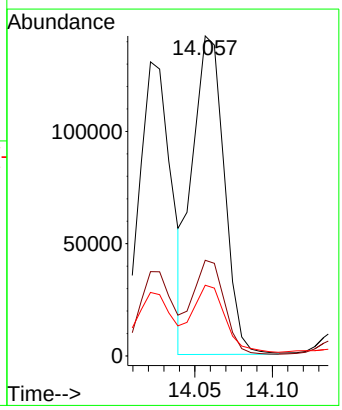


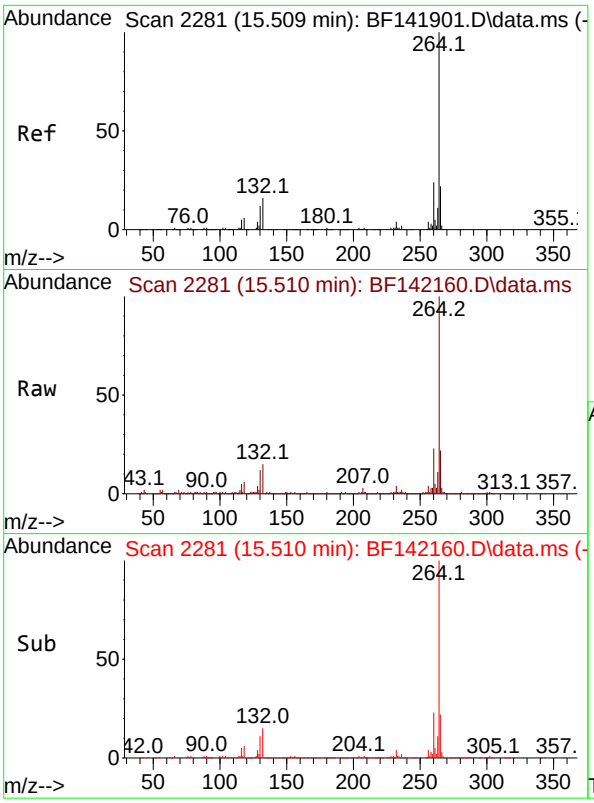


#83
Chrysene
Concen: 10.693 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Tgt Ion:228 Resp: 203374

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	22.1	15.7	23.5



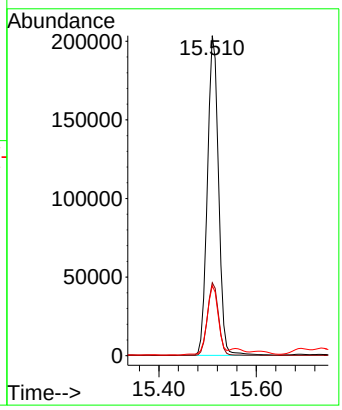


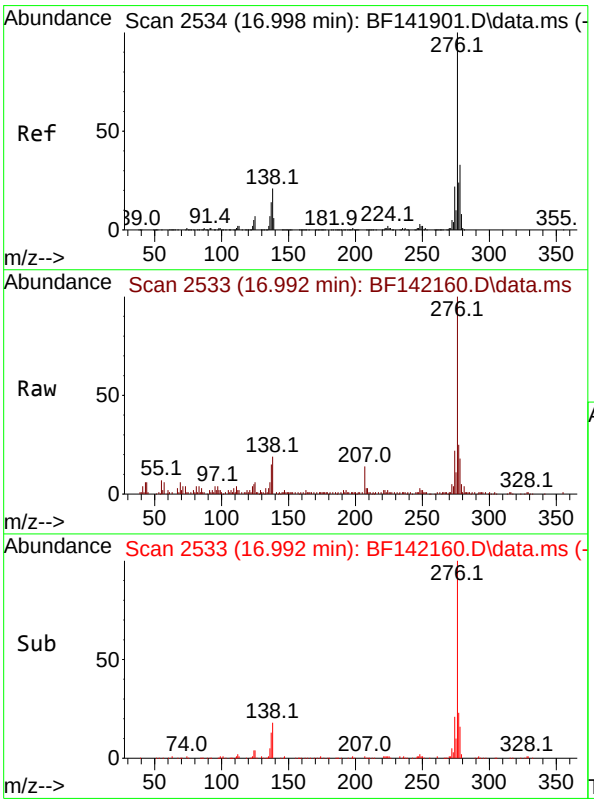
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Instrument :
BNA_F
ClientSampleId :
351

Tgt Ion:264 Resp: 321963

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.1	28.7
265	21.9	17.5	26.3

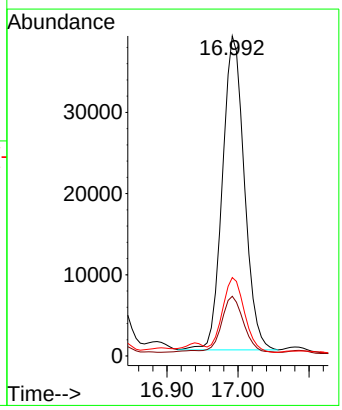


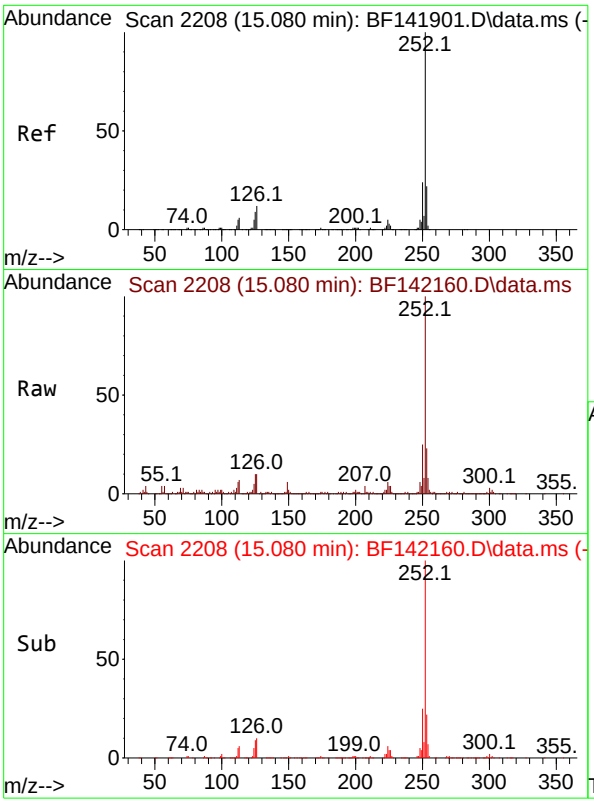


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.972 ng
RT: 16.992 min Scan# 2533
Delta R.T. -0.006 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Tgt Ion:276 Resp: 82716

Ion	Ratio	Lower	Upper
276	100		
138	18.2	18.4	27.6#
277	24.0	20.3	30.5



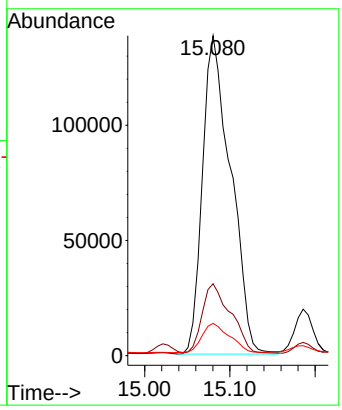


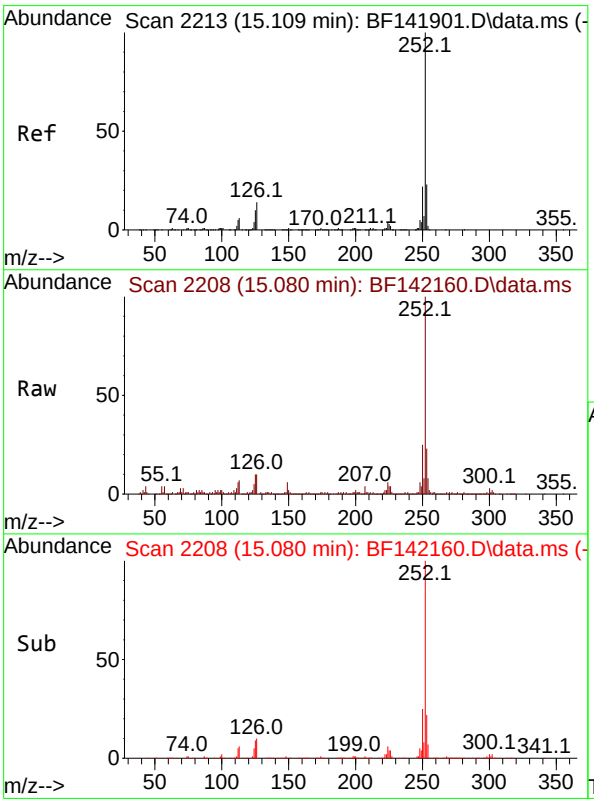
#88
Benzo(b)fluoranthene
Concen: 14.446 ng
RT: 15.080 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Instrument :
BNA_F
ClientSampleId :
351

Tgt Ion:252 Resp: 318758

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	10.1	7.0	10.4

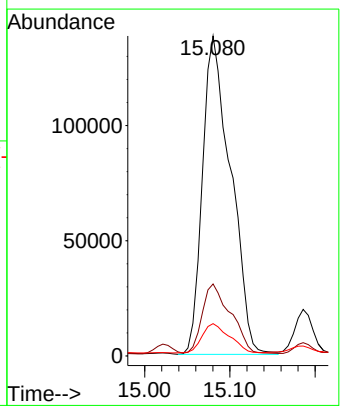


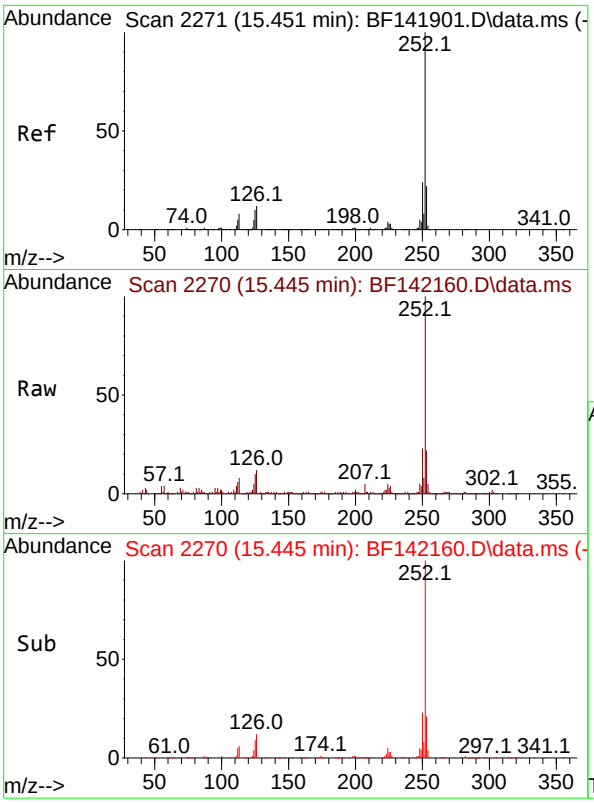


#89
Benzo(k)fluoranthene
Concen: 16.880 ng
RT: 15.080 min Scan# 2208
Delta R.T. -0.029 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Tgt Ion:252 Resp: 318758

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	10.1	7.2	10.8



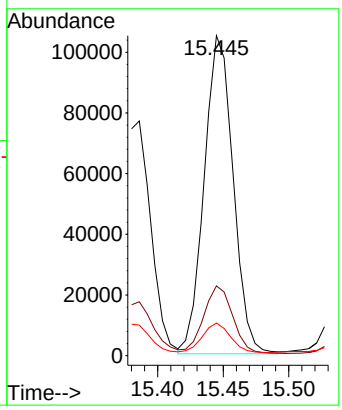


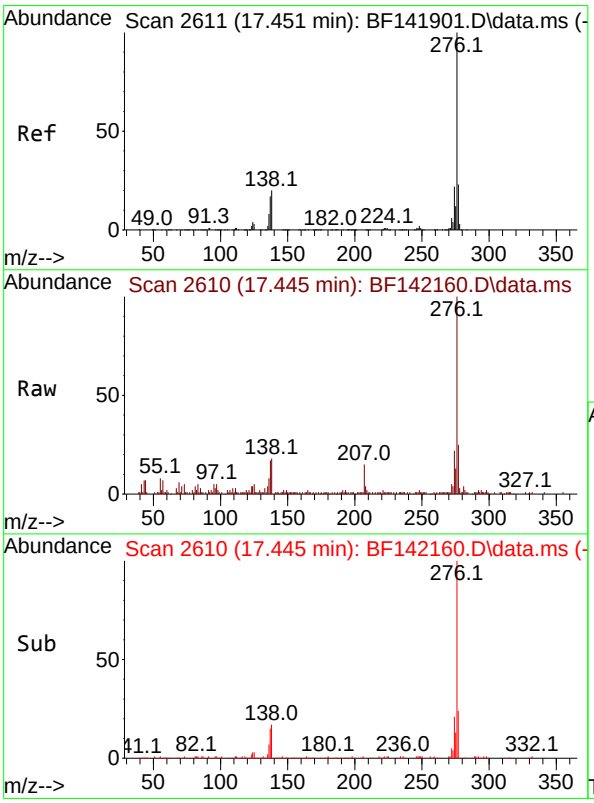
#90
Benzo(a)pyrene
Concen: 9.337 ng
RT: 15.445 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Instrument :
BNA_F
ClientSampleId :
351

Tgt Ion:252 Resp: 161214

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	10.2	7.8	11.8





#92
Benzo(g,h,i)perylene
Concen: 4.882 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.006 min
Lab File: BF142160.D
Acq: 28 Mar 2025 15:07

Tgt Ion:276 Resp: 82908

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.7	28.1
138	17.9	15.8	23.8