Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143743.D
Acq On : 12 Sep 2025 20:06
Operator : RC/JU
Sample : Q3075-08DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0260DL

Quant Time: Sep 12 23:46:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	31086	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	113411	20.000	ng		0.00
39) Acenaphthene-d10	9.934	164	55522	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	75662	20.000	ng	#	0.02
76) Chrysene-d12	14.074	240	77504	20.000	ng		0.03
86) Perylene-d12	15.551	264	77996	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	57053	31.313	ng		0.00
7) Phenol-d6	6.504	99	70311	31.693	ng		0.00
23) Nitrobenzene-d5	7.451	82	41465	22.742	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	15875	28.372	ng		0.02
45) 2-Fluorobiphenyl	9.251	172	90278	24.562	ng		0.00
79) Terphenyl-d14	13.022	244	80414	16.814	ng		0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	5205	3.820	ng	#	80
25) Isophorone	7.451	82	41473	11.862	ng	#	64
49) Acenaphthylene	9.792	152	10190	2.270	ng	#	64
51) 2,6-Dinitrotoluene	9.681	165	7026	10.172	ng	#	36
54) 2,4-Dinitrophenol	10.192	184	54	5.730	ng	#	1
60) Diethylphthalate	10.351	149	9317	2.747	ng	#	56
62) 4-Nitroaniline	10.398	138	4022	5.713	ng		83
69) Atrazine	11.133	200	2218	2.854	ng	#	1
71) Phenanthrene	11.457	178	40797	9.786	ng	#	62
72) Anthracene	11.510	178	12109	2.889	ng	#	28
73) Carbazole	11.663	167	11755	3.424	ng	#	1
75) Fluoranthene	12.657	202	174515	45.600	ng		95
78) Pyrene	12.886	202	166486	26.867	ng		97
81) Benzo(a)anthracene	14.063	228	106759	21.411	ng		92
83) Chrysene	14.098	228	139934	30.642	ng		97
87) Indeno(1,2,3-cd)pyrene	17.039	276	61215	11.500	ng		96
88) Benzo(b)fluoranthene	15.121	252	400621	86.286	ng	#	95
89) Benzo(k)fluoranthene	15.121	252	400621	95.607	ng	#	96
90) Benzo(a)pyrene	15.486	252	109573	26.863	ng	#	97
91) Dibenzo(a,h)anthracene	17.051	278	15473	3.504	ng	#	88
92) Benzo(g,h,i)perylene	17.492	276	50134	12.136	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143743.D
Acq On : 12 Sep 2025 20:06
Operator : RC/JU
Sample : Q3075-08DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0260DL

Quant Time: Sep 12 23:46:39 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
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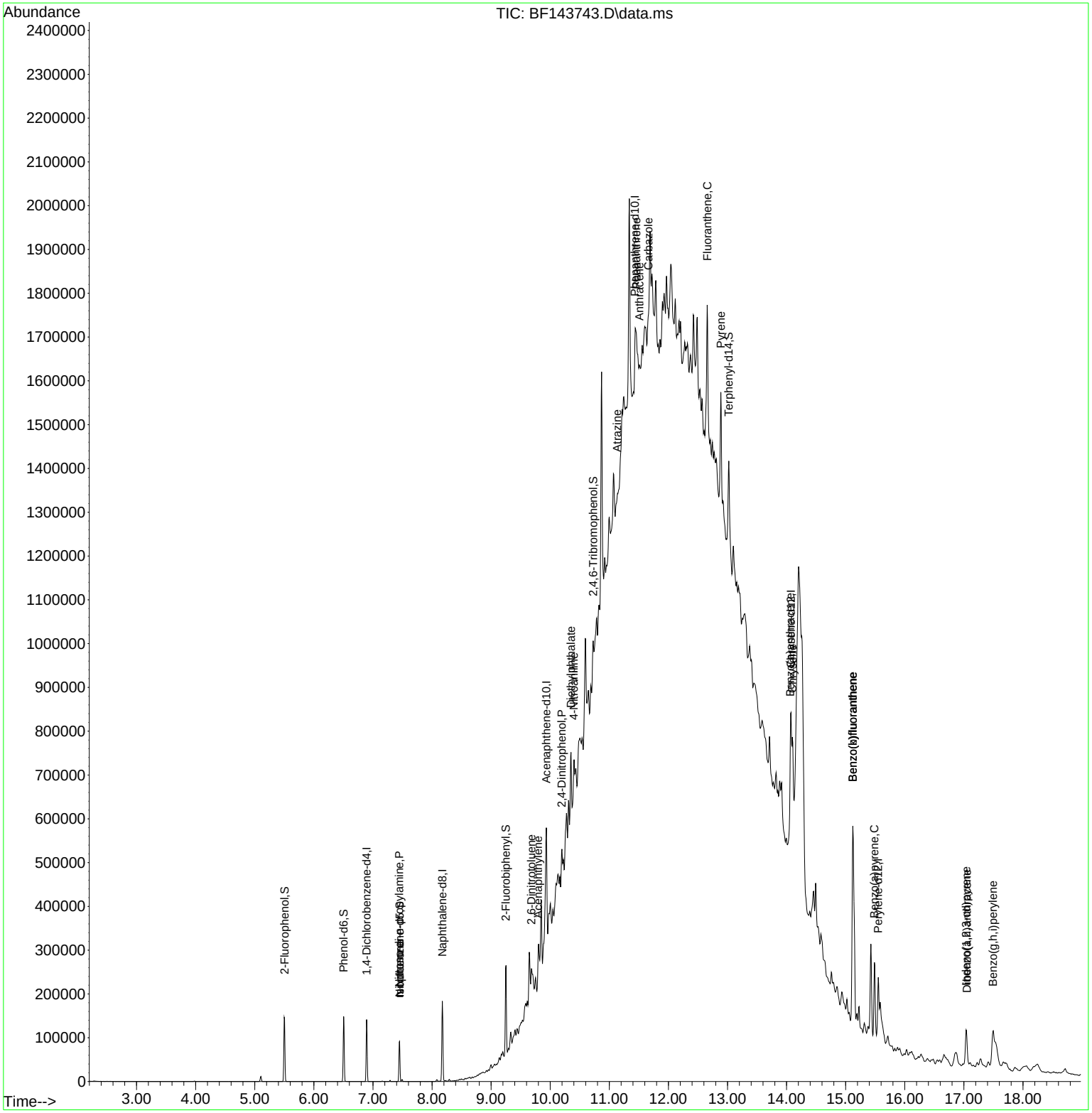
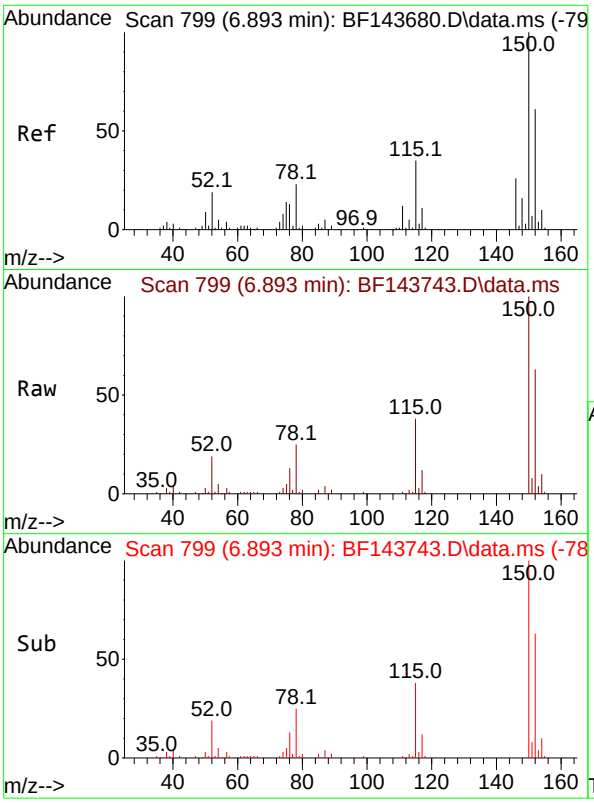


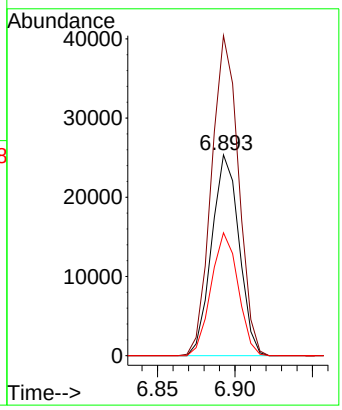


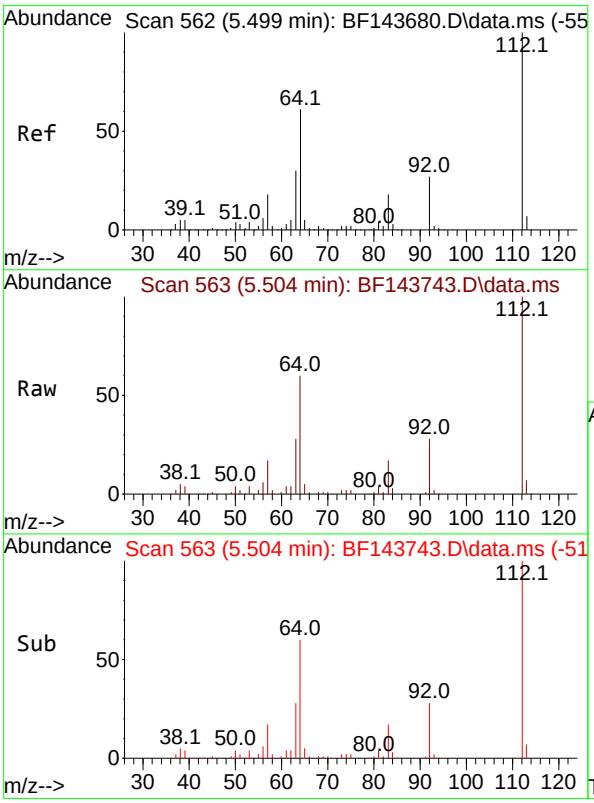
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Instrument :
BNA_F
ClientSampleId :
MOO-25-0260DL

Tgt Ion:152 Resp: 31086

Ion	Ratio	Lower	Upper
152	100		
150	159.4	130.7	196.1
115	61.2	45.9	68.9

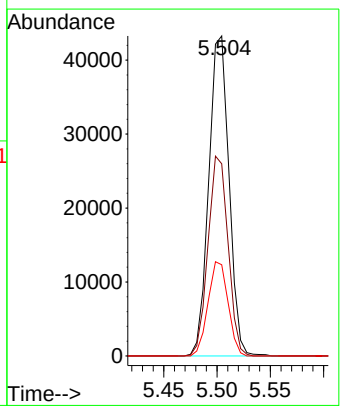


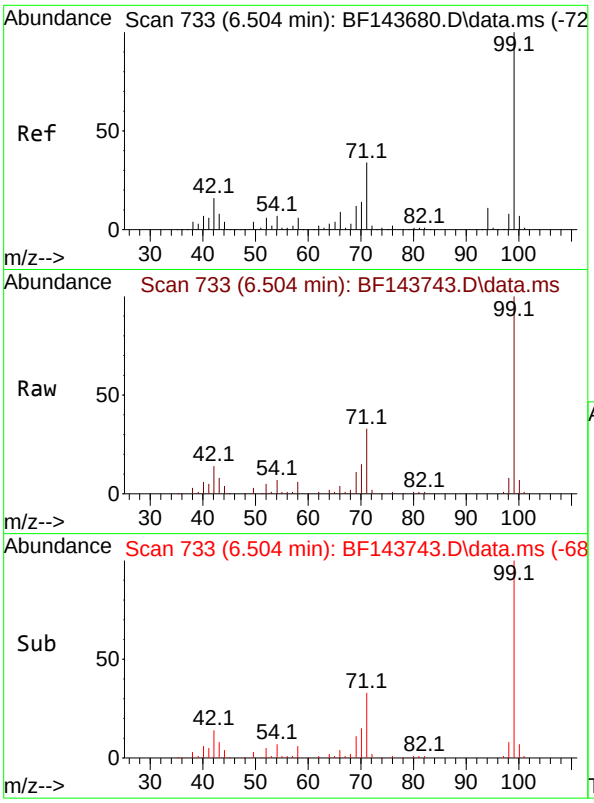


#5
2-Fluorophenol
Concen: 31.313 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Tgt Ion:112 Resp: 57053

Ion	Ratio	Lower	Upper
112	100		
64	60.1	49.0	73.4
63	28.5	24.3	36.5



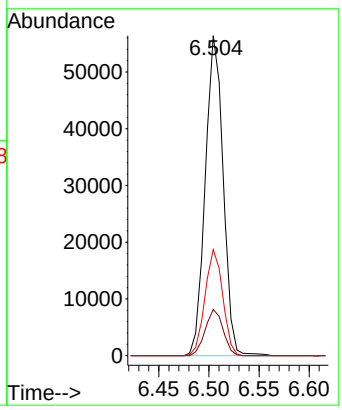


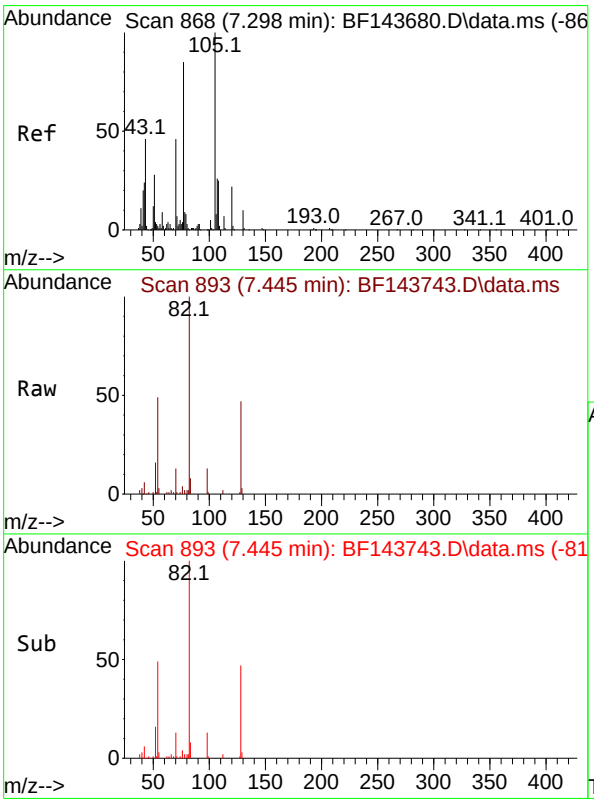
#7
Phenol-d6
Concen: 31.693 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Instrument :
BNA_F
ClientSampleId :
MOO-25-0260DL

Tgt Ion: 99 Resp: 70311

Ion	Ratio	Lower	Upper
99	100		
42	14.5	13.0	19.4
71	33.1	27.4	41.2

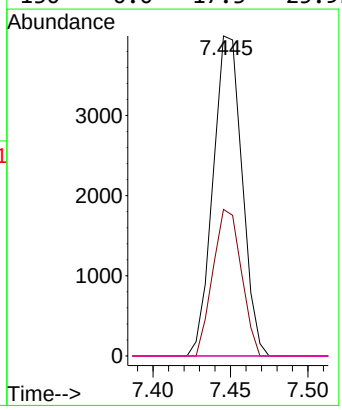


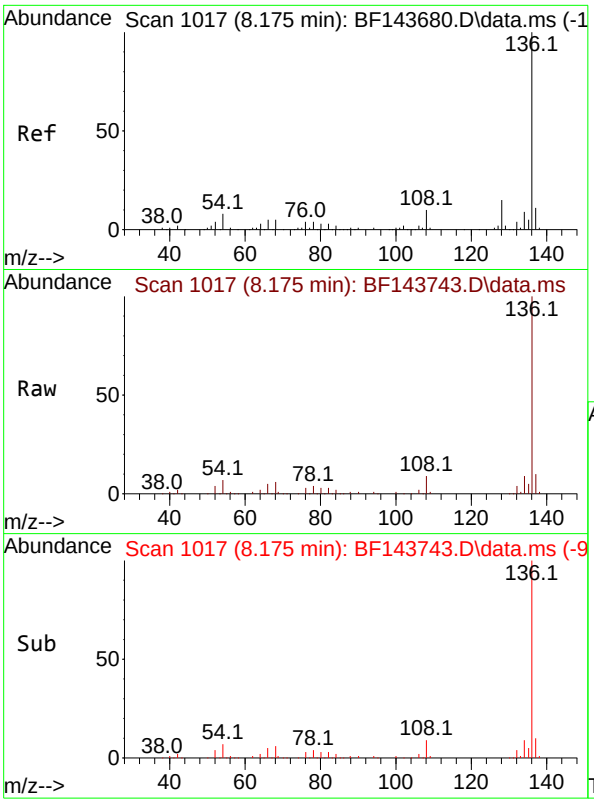


#19
n-Nitroso-di-n-propylamine
Concen: 3.820 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.147 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Tgt Ion: 70 Resp: 5205

Ion	Ratio	Lower	Upper
70	100		
42	45.8	41.4	62.2
101	0.0	8.1	12.1#
130	0.0	17.3	25.9#



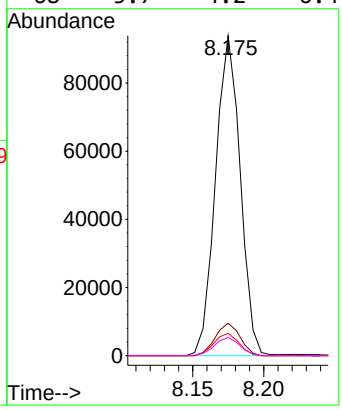


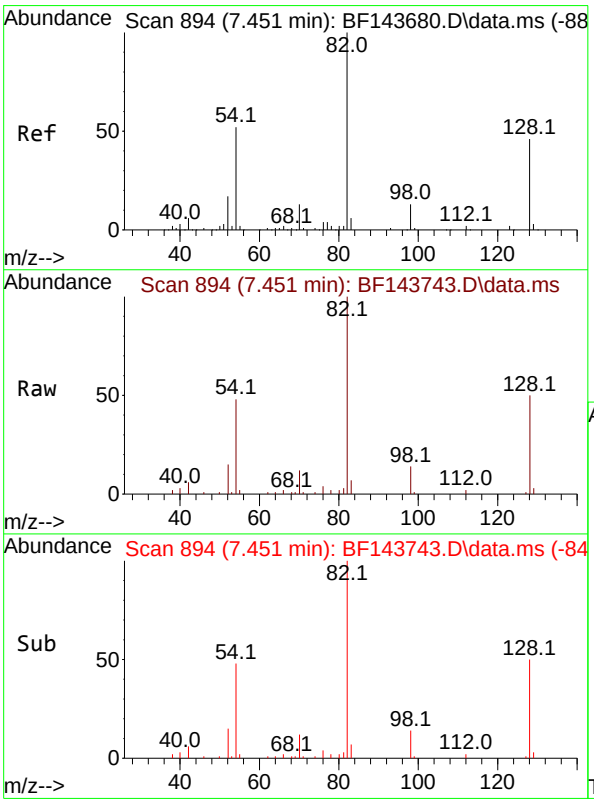
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Instrument :
BNA_F
ClientSampleId :
MOO-25-0260DL

Tgt Ion:136 Resp: 113411

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.7	13.1
54	6.9	6.2	9.2
68	5.7	4.2	6.4

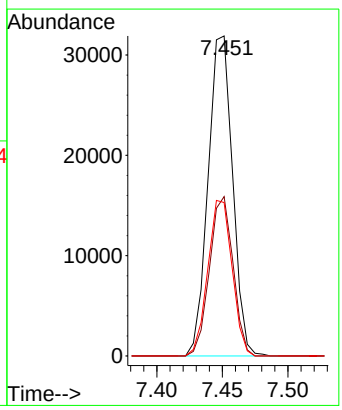


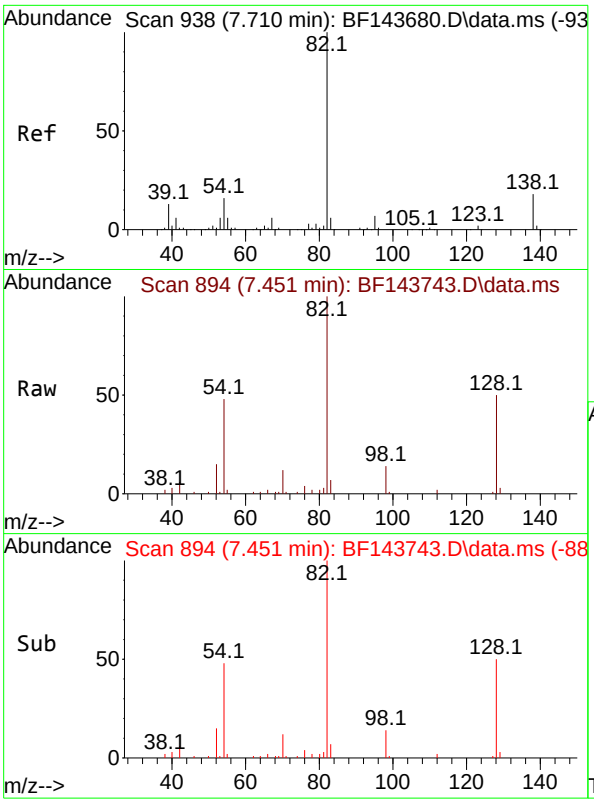


#23
Nitrobenzene-d5
Concen: 22.742 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Tgt Ion: 82 Resp: 41465

Ion	Ratio	Lower	Upper
82	100		
128	49.8	37.0	55.4
54	47.9	41.8	62.8



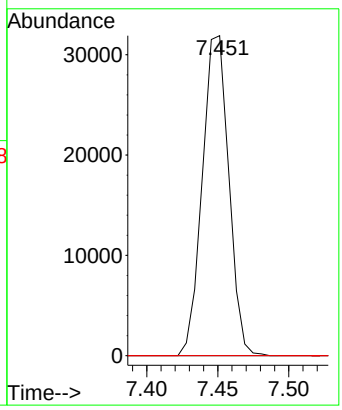


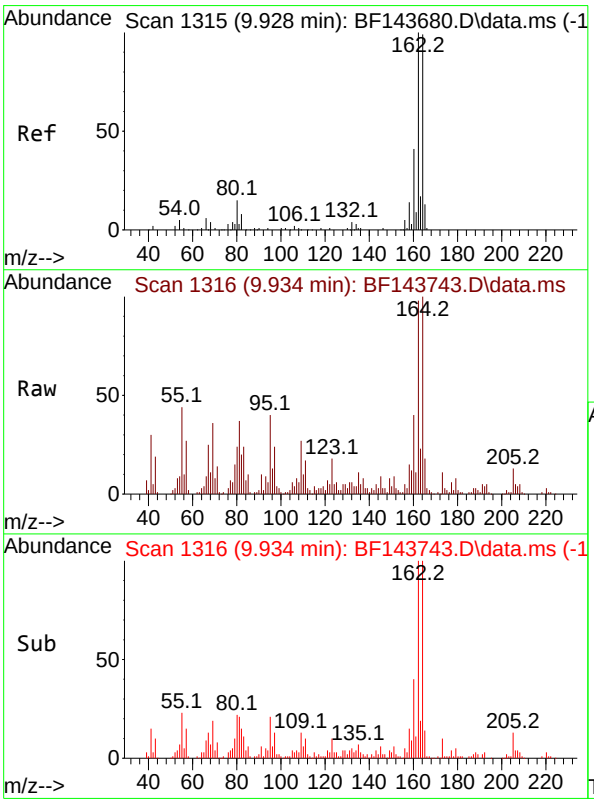
#25
Isophorone
Concen: 11.862 ng
RT: 7.451 min Scan# 8
Delta R.T. -0.259 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Instrument :
BNA_F
ClientSampleId :
MOO-25-0260DL

Tgt Ion: 82 Resp: 41473

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	14.8	22.2#

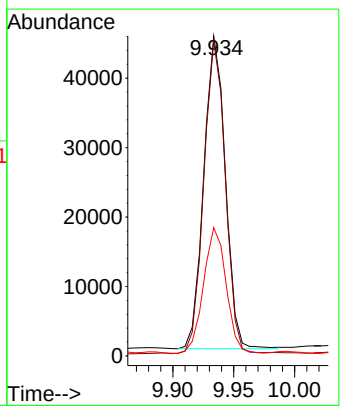


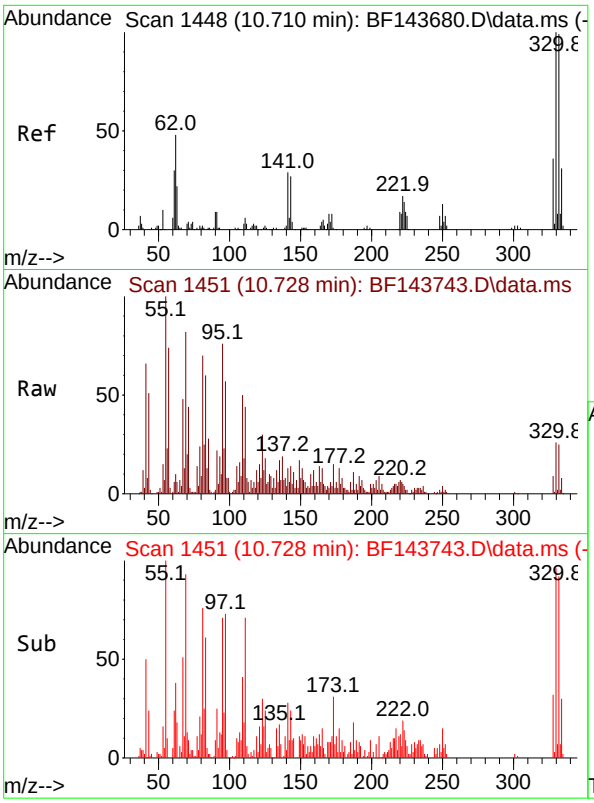


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Tgt Ion:164 Resp: 55522

Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.6	121.0
160	40.1	33.0	49.4



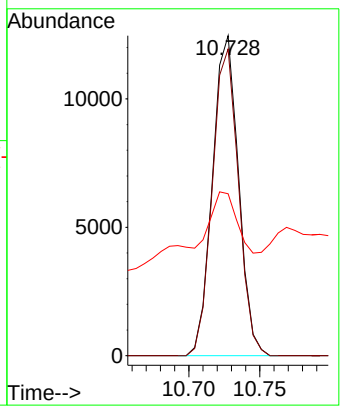


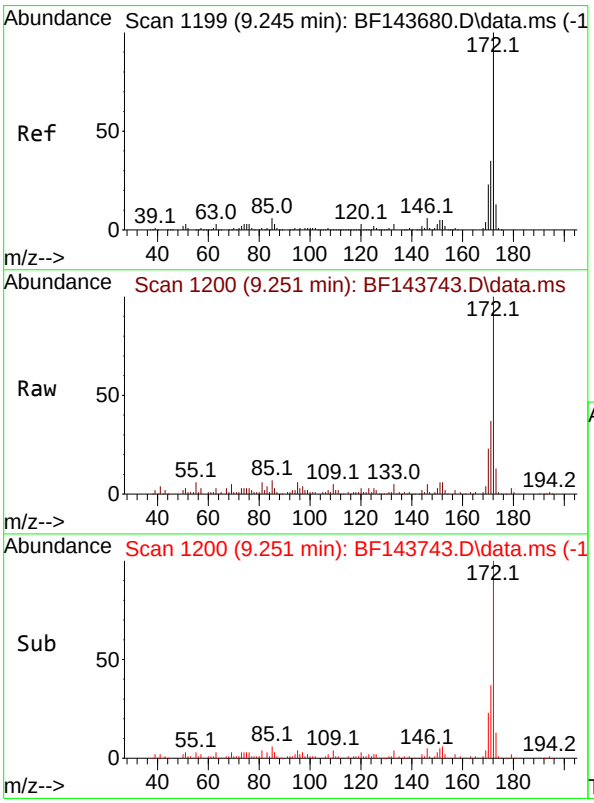
#42
2,4,6-Tribromophenol
Concen: 28.372 ng
RT: 10.728 min Scan# 14
Delta R.T. 0.018 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Instrument :
BNA_F
ClientSampleId :
MOO-25-0260DL

Tgt Ion:330 Resp: 15875

Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.2	118.8
141	40.7	22.2	33.4#

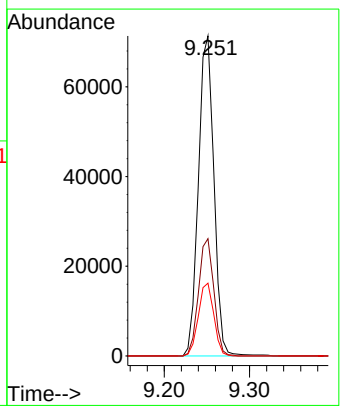


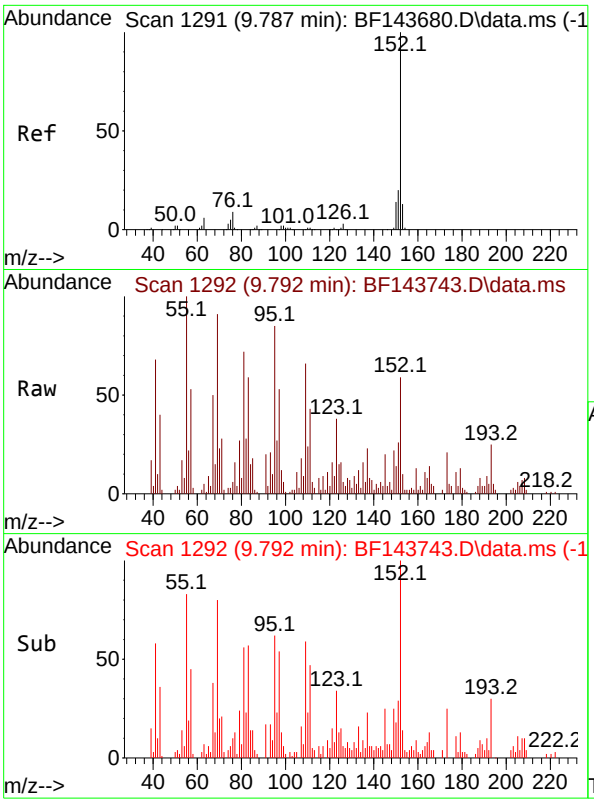


#45
2-Fluorobiphenyl
Concen: 24.562 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Tgt Ion:172 Resp: 90278

Ion	Ratio	Lower	Upper
172	100		
171	36.6	27.9	41.9
170	22.8	18.6	27.8



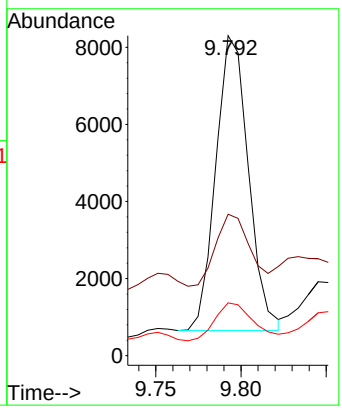


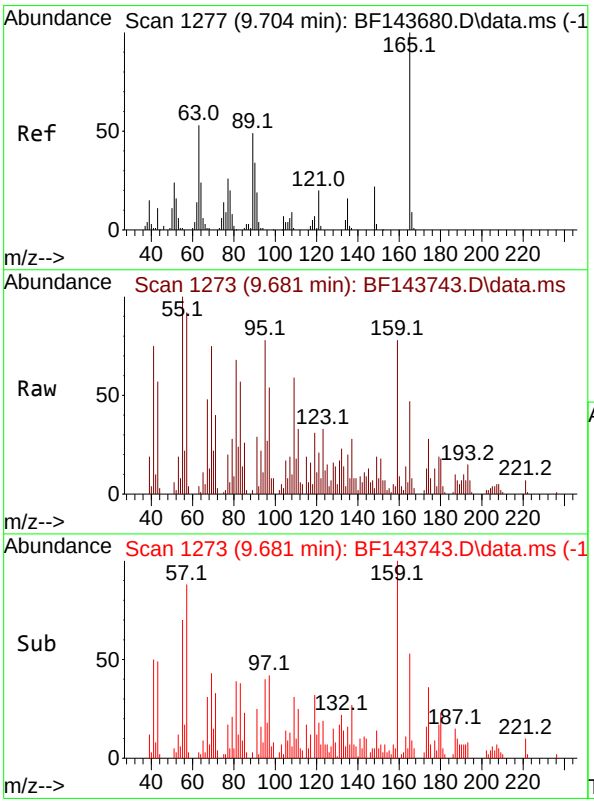
#49
Acenaphthylene
Concen: 2.270 ng
RT: 9.792 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Instrument :
BNA_F
ClientSampleId :
MOO-25-0260DL

Tgt Ion:152 Resp: 10190

Ion	Ratio	Lower	Upper
152	100		
151	44.2	15.9	23.9#
153	16.5	10.4	15.6#

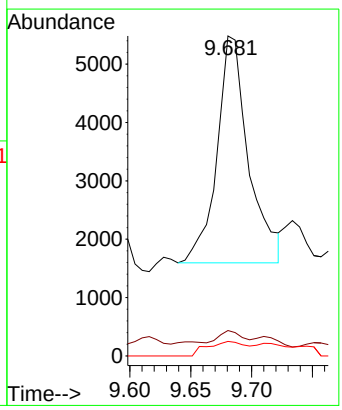


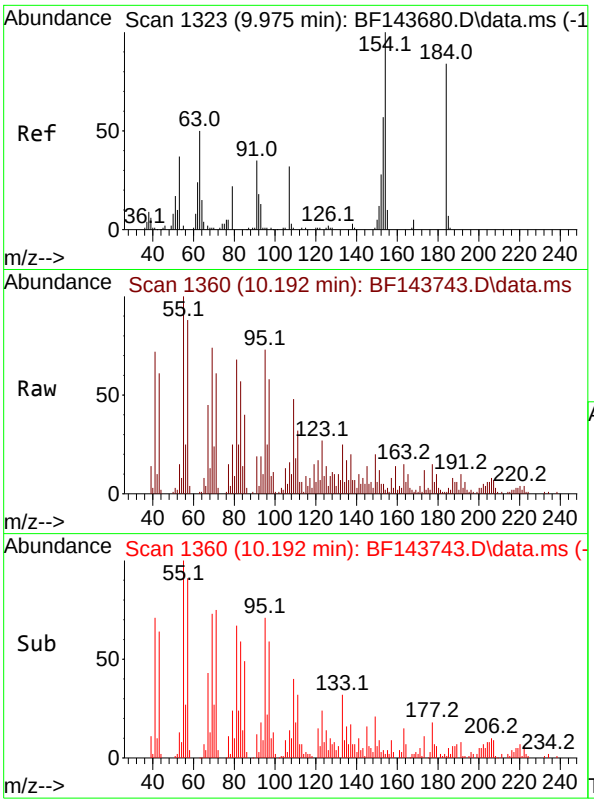


#51
2,6-Dinitrotoluene
Concen: 10.172 ng
RT: 9.681 min Scan# 1273
Delta R.T. -0.024 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Tgt Ion:165 Resp: 7026

Ion	Ratio	Lower	Upper
165	100		
63	8.0	42.2	63.4#
89	4.6	39.3	58.9#



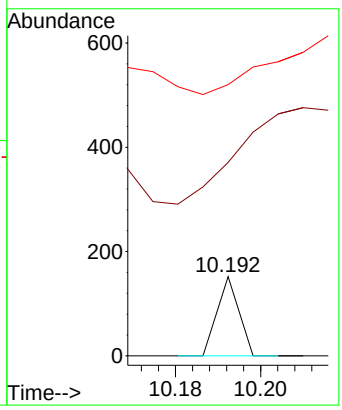


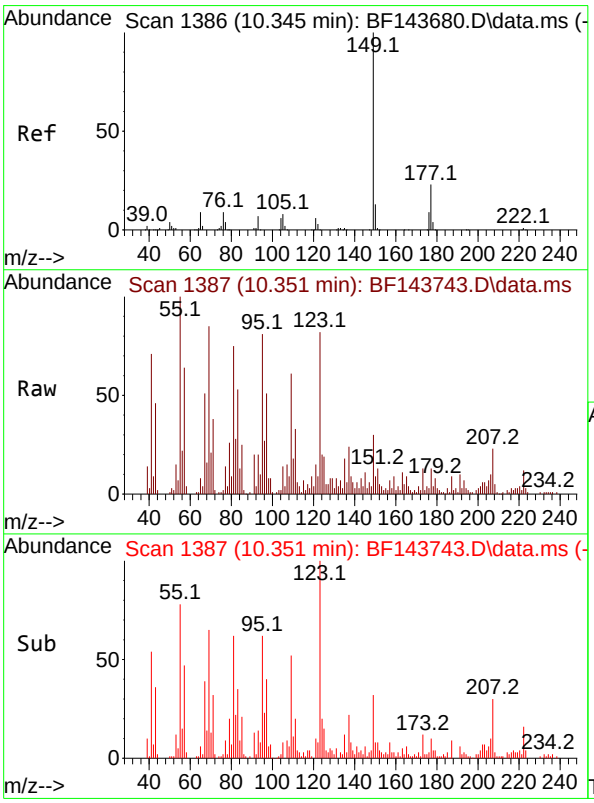
#54
2,4-Dinitrophenol
Concen: 5.730 ng
RT: 10.192 min Scan# 1
Delta R.T. 0.218 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Instrument :
BNA_F
ClientSampleId :
MOO-25-0260DL

Tgt Ion:184 Resp: 54

Ion	Ratio	Lower	Upper
184	100		
63	244.1	52.7	79.1#
154	342.1	136.6	204.8#

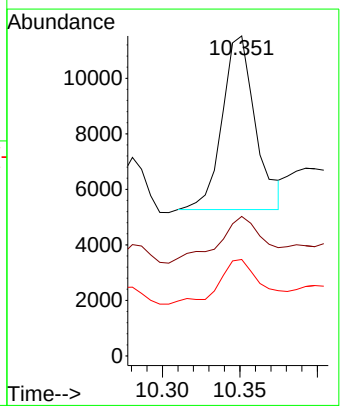


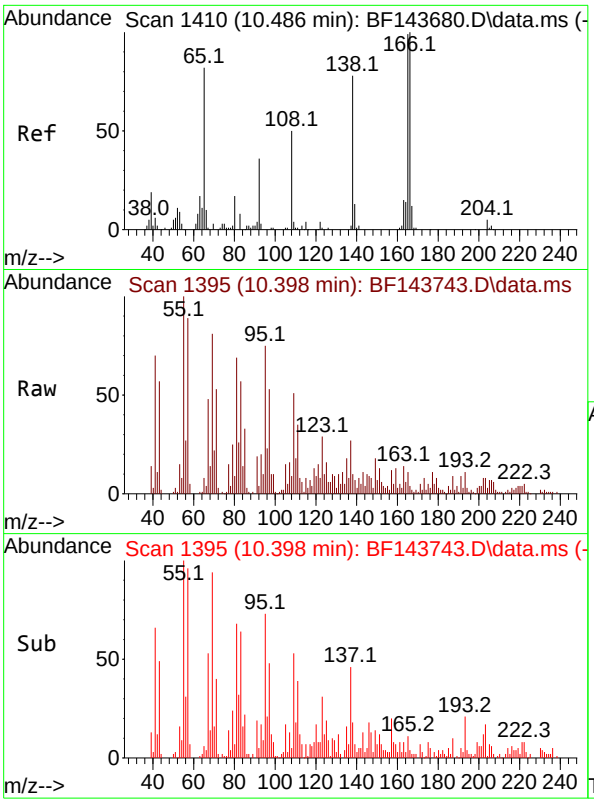


#60
Diethylphthalate
Concen: 2.747 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Tgt Ion:149 Resp: 9317

Ion	Ratio	Lower	Upper
149	100		
177	43.6	18.2	27.2#
150	30.1	10.0	15.0#



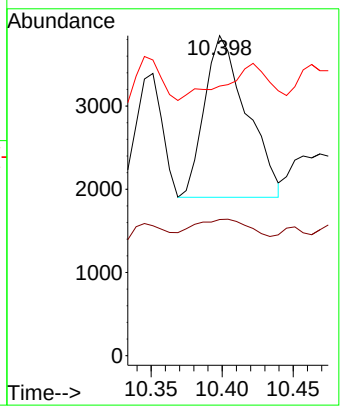


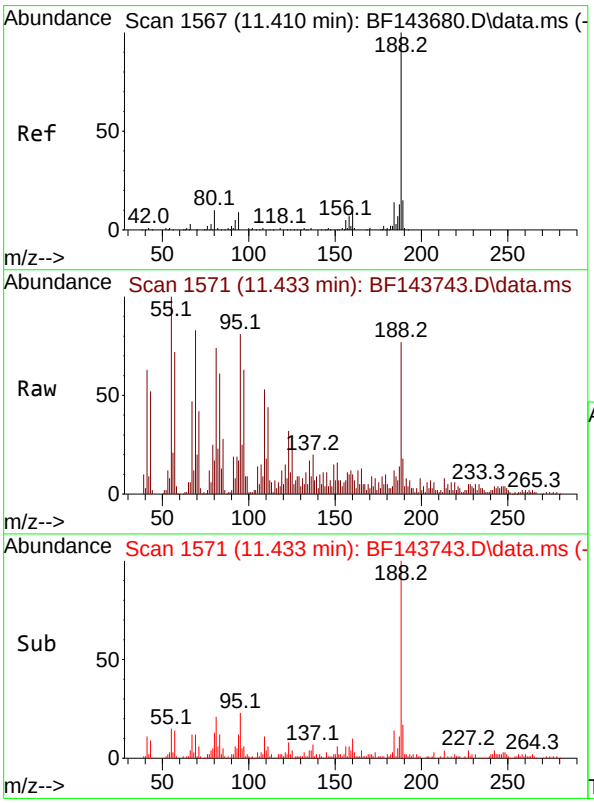
#62
4-Nitroaniline
Concen: 5.713 ng
RT: 10.398 min Scan# 1
Delta R.T. -0.088 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Instrument :
BNA_F
ClientSampleId :
MOO-25-0260DL

Tgt Ion:138 Resp: 4022

Ion	Ratio	Lower	Upper
138	100		
92	42.6	26.4	66.4
108	84.2	44.3	84.3

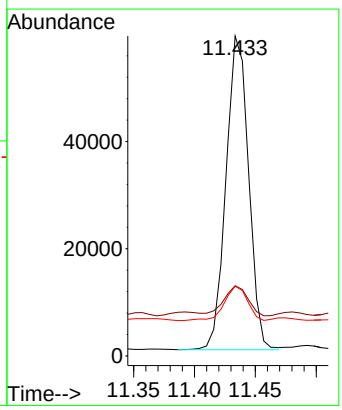


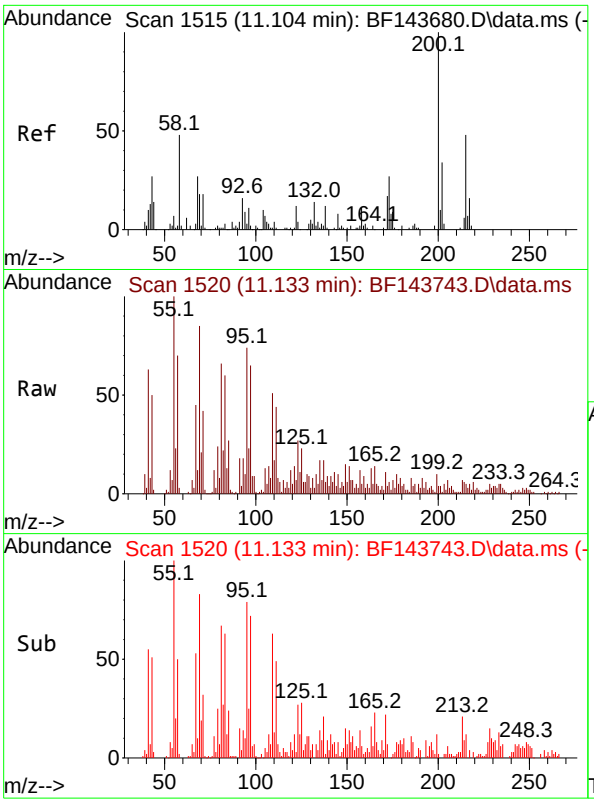


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.023 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Tgt Ion:188 Resp: 75662

Ion	Ratio	Lower	Upper
188	100		
94	21.9	7.4	11.0#
80	21.8	7.7	11.5#



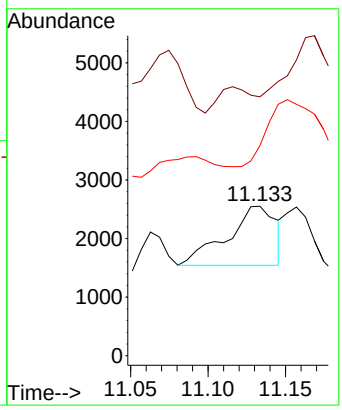


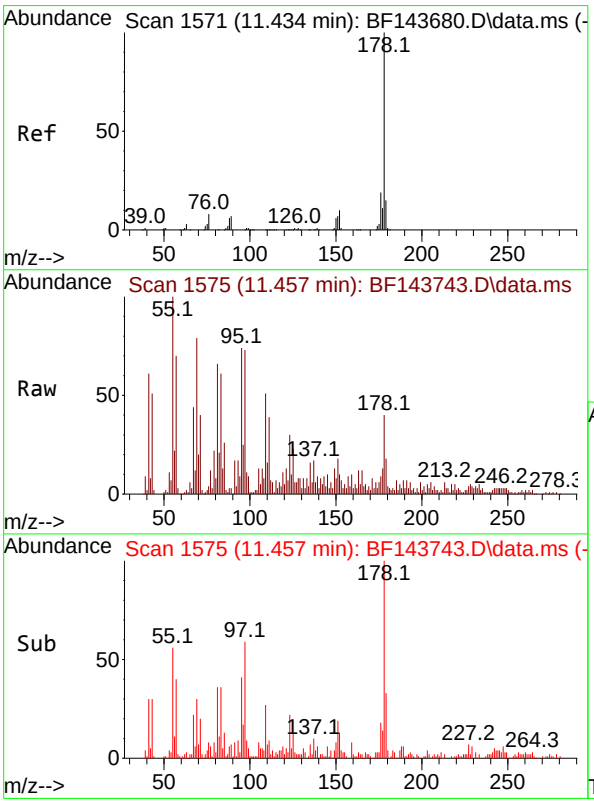
#69
Atrazine
Concen: 2.854 ng
RT: 11.133 min Scan# 1
Delta R.T. 0.029 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Instrument :
BNA_F
ClientSampleId :
MOO-25-0260DL

Tgt Ion:200 Resp: 2218

Ion	Ratio	Lower	Upper
200	100		
173	173.3	7.3	47.3#
215	140.7	28.5	68.5#

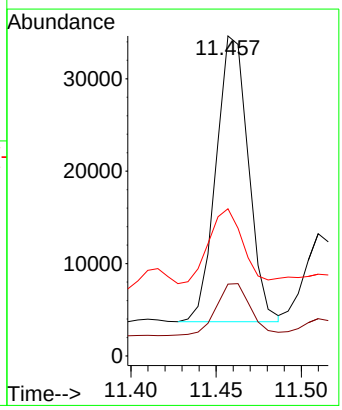


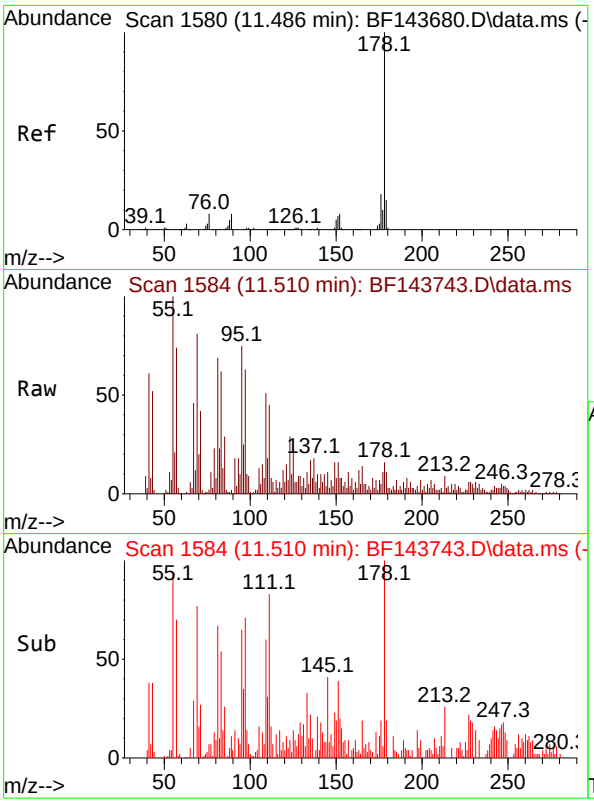


#71
Phenanthrene
Concen: 9.786 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.023 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Tgt Ion:178 Resp: 40797

Ion	Ratio	Lower	Upper
178	100		
176	22.5	14.8	22.2#
179	46.0	12.2	18.2#



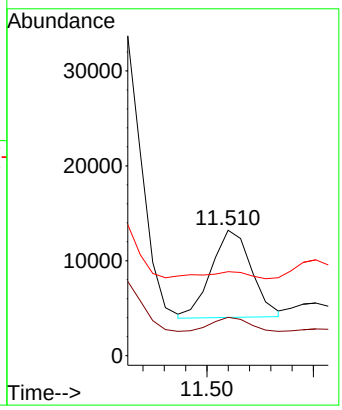


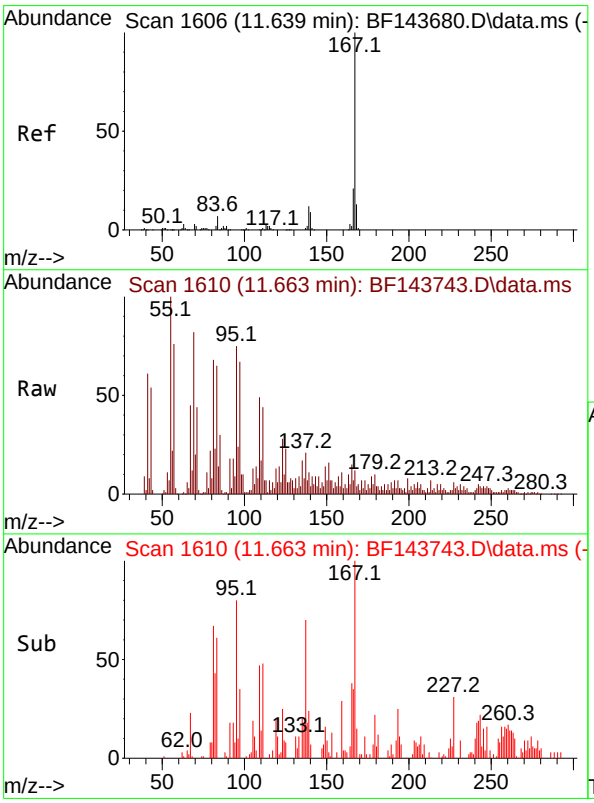
#72
Anthracene
Concen: 2.889 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.023 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Instrument :
BNA_F
ClientSampleId :
MOO-25-0260DL

Tgt Ion:178 Resp: 12109

Ion	Ratio	Lower	Upper
178	100		
176	30.6	14.5	21.7#
179	66.9	12.2	18.2#

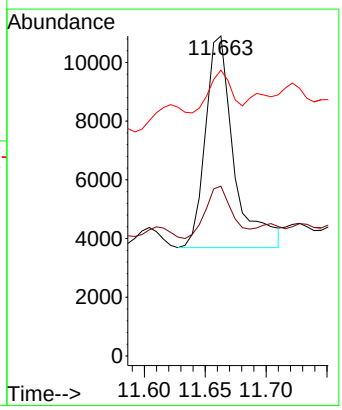


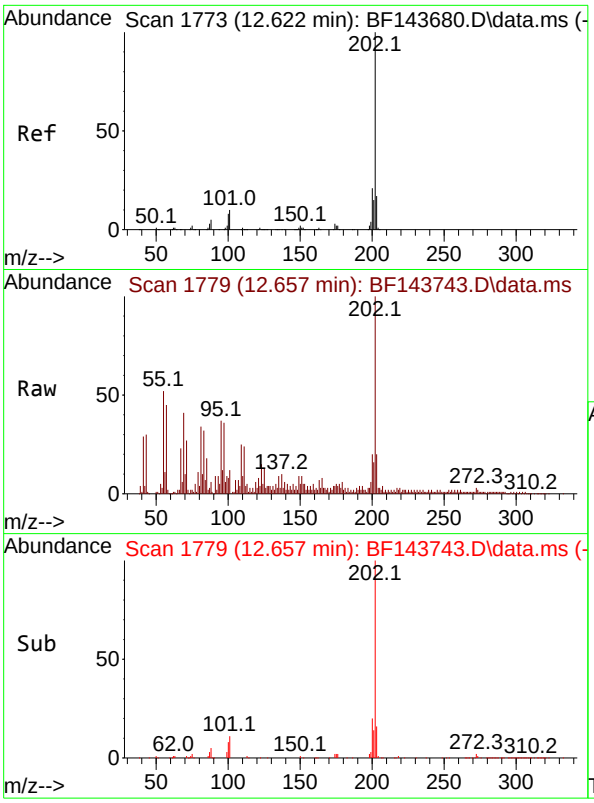


#73
Carbazole
Concen: 3.424 ng
RT: 11.663 min Scan# 1610
Delta R.T. 0.023 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Tgt Ion:167 Resp: 11755

Ion	Ratio	Lower	Upper
167	100		
166	53.1	17.0	25.4#
139	89.3	9.7	14.5#



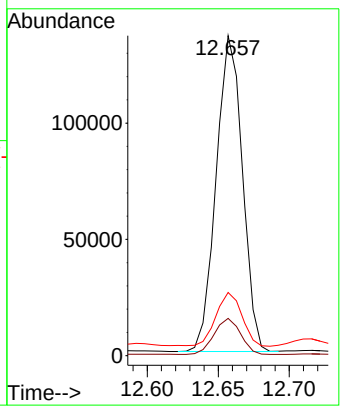


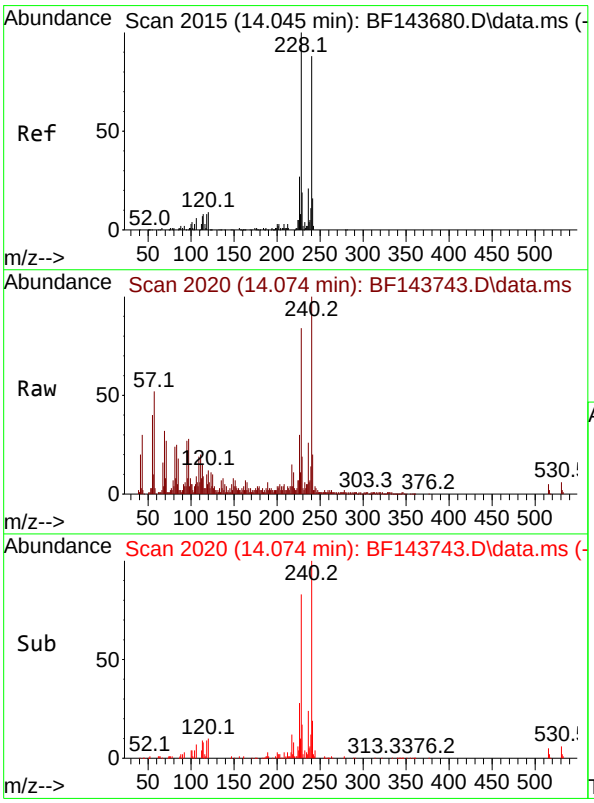
#75
Fluoranthene
Concen: 45.600 ng
RT: 12.657 min Scan# 1
Delta R.T. 0.035 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Instrument :
BNA_F
ClientSampleId :
MOO-25-0260DL

Tgt Ion:202 Resp: 174515

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.5
203	19.7	0.0	37.1

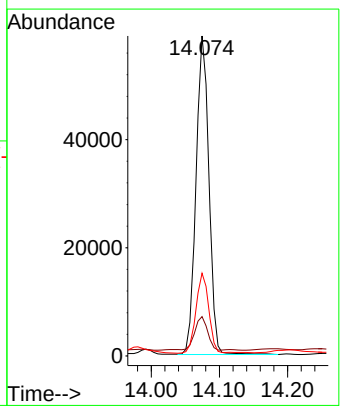


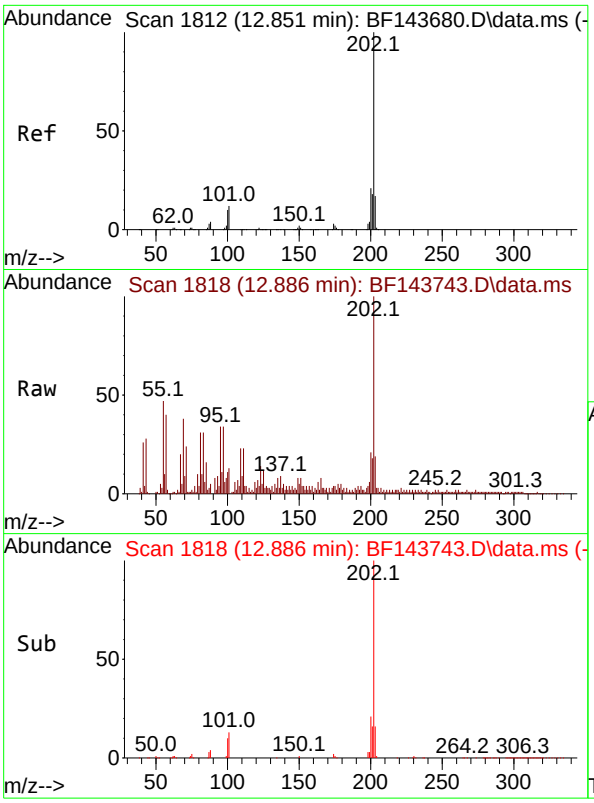


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.029 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Tgt Ion:240 Resp: 77504

Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.4	12.6
236	25.8	18.6	28.0



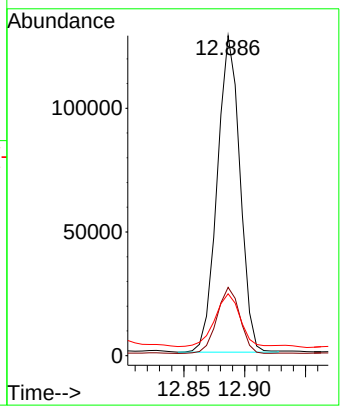


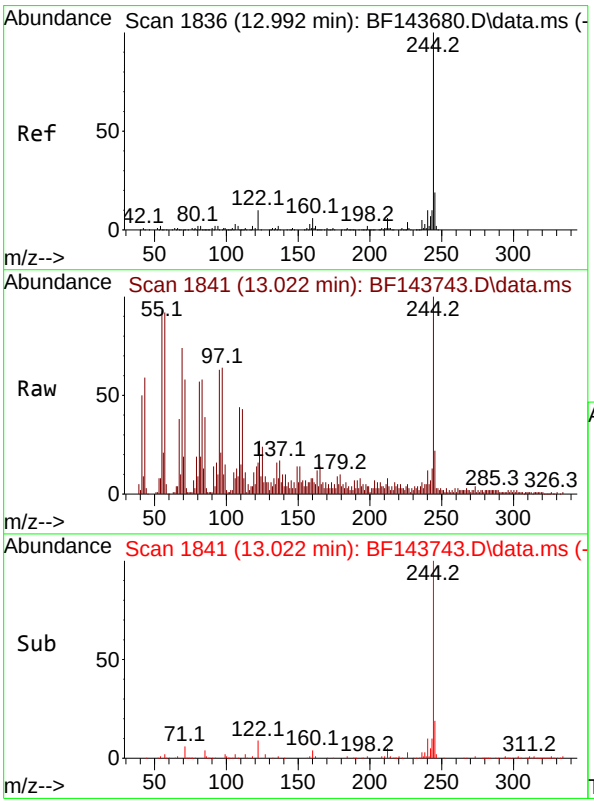
#78
Pyrene
Concen: 26.867 ng
RT: 12.886 min Scan# 1
Delta R.T. 0.035 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Instrument :
BNA_F
ClientSampleId :
MOO-25-0260DL

Tgt Ion:202 Resp: 166486

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	24.8
203	19.4	13.5	20.3

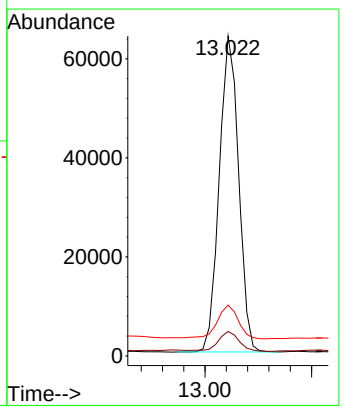


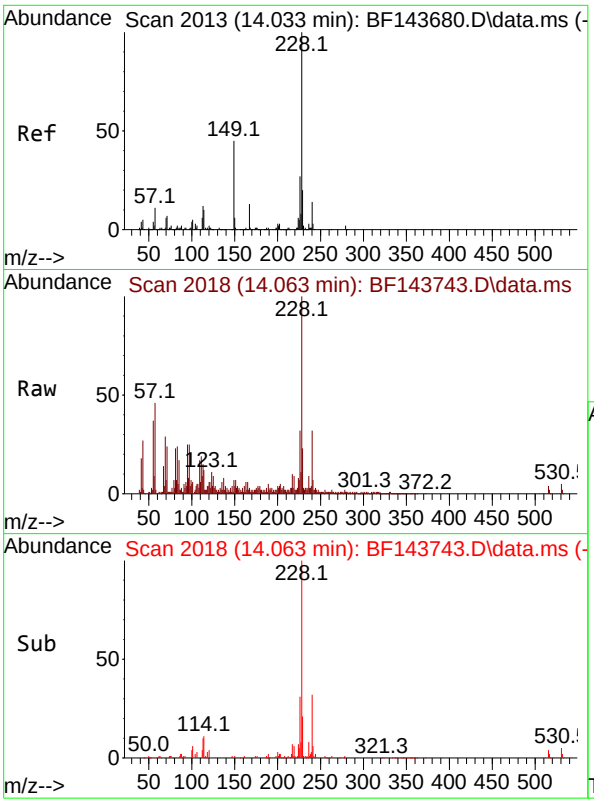


#79
Terphenyl-d14
Concen: 16.814 ng
RT: 13.022 min Scan# 1841
Delta R.T. 0.029 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Tgt Ion:244 Resp: 80414

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.0	7.6#
122	15.9	7.9	11.9#



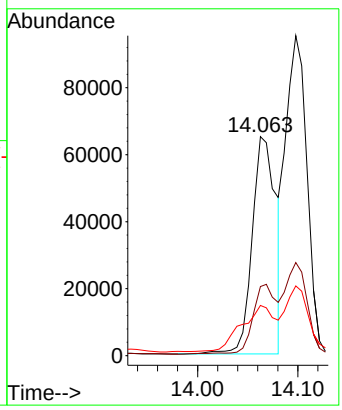


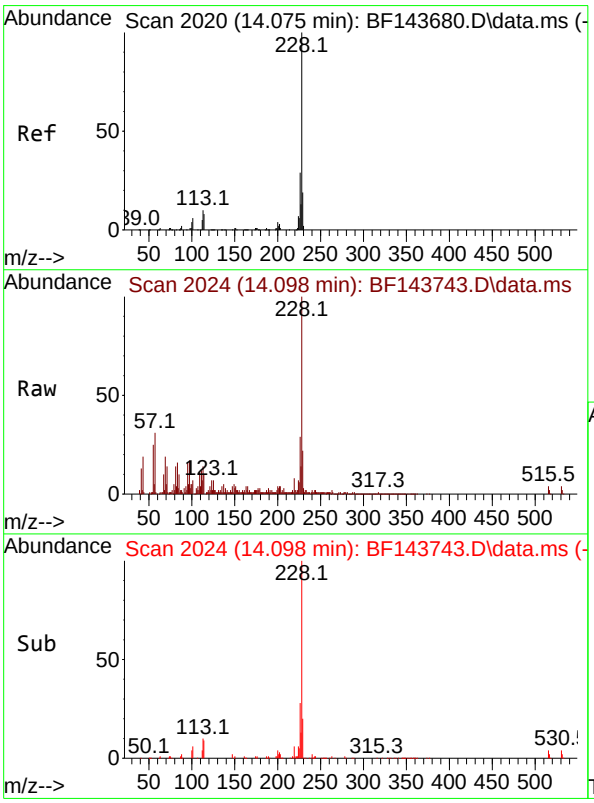
#81
Benzo(a)anthracene
Concen: 21.411 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.029 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Instrument :
BNA_F
ClientSampleId :
MOO-25-0260DL

Tgt Ion:228 Resp: 106759

Ion	Ratio	Lower	Upper
228	100		
226	31.6	21.6	32.4
229	22.9	15.7	23.5

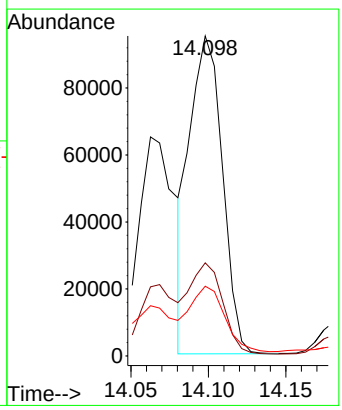


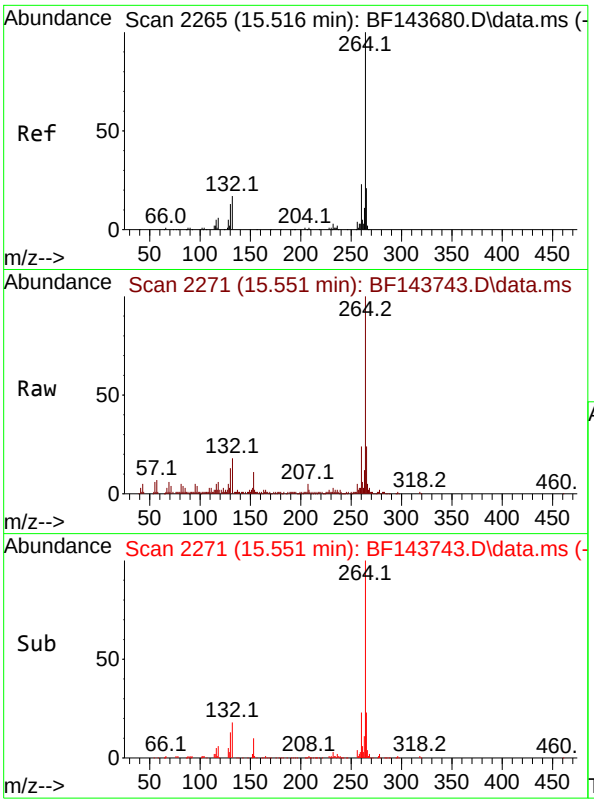


#83
Chrysene
Concen: 30.642 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.023 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Tgt Ion:228 Resp: 139934

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	21.8	15.1	22.7



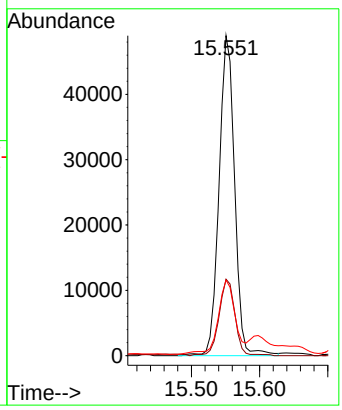


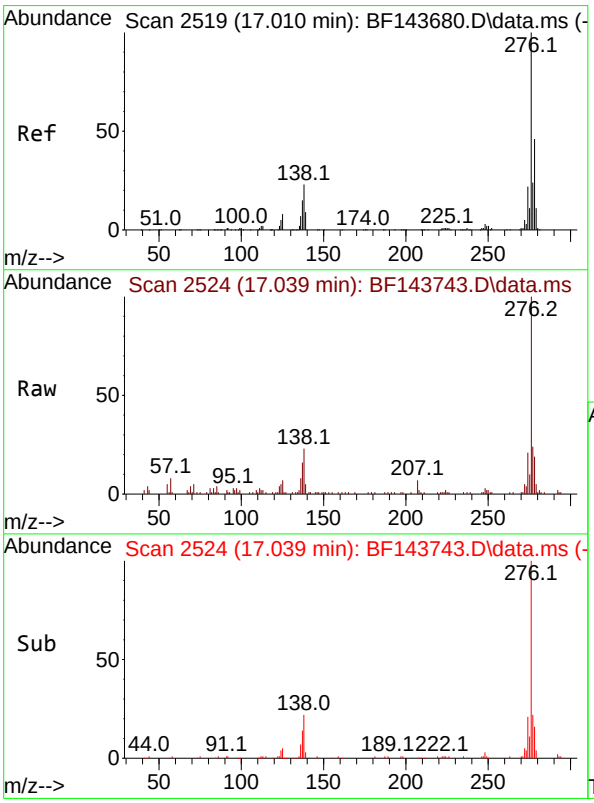
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2
Delta R.T. 0.035 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Instrument :
BNA_F
ClientSampleId :
MOO-25-0260DL

Tgt Ion:264 Resp: 77996

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	23.7	17.1	25.7

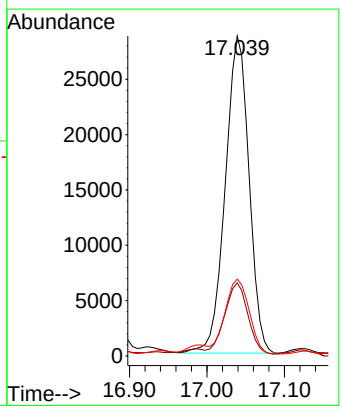


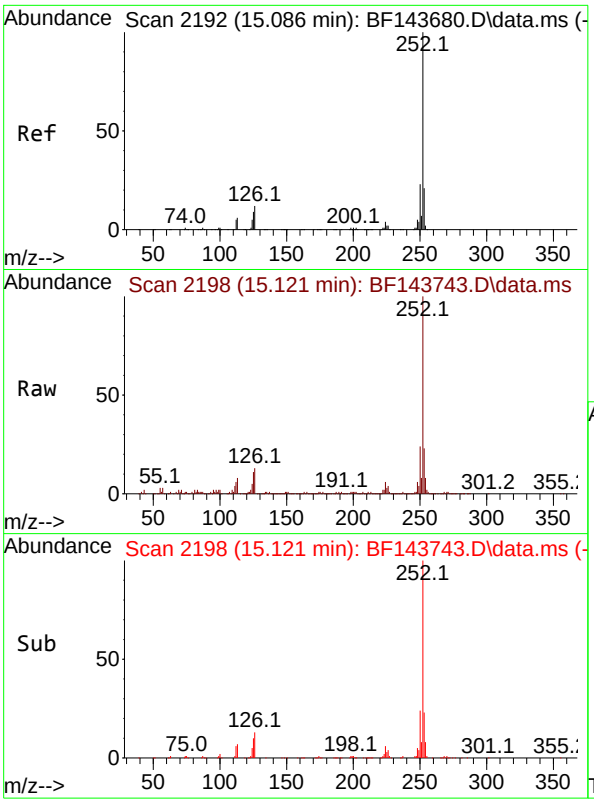


#87
Indeno(1,2,3-cd)pyrene
Concen: 11.500 ng
RT: 17.039 min Scan# 2524
Delta R.T. 0.029 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Tgt Ion:276 Resp: 61215

Ion	Ratio	Lower	Upper
276	100		
138	21.8	19.7	29.5
277	24.0	20.2	30.2



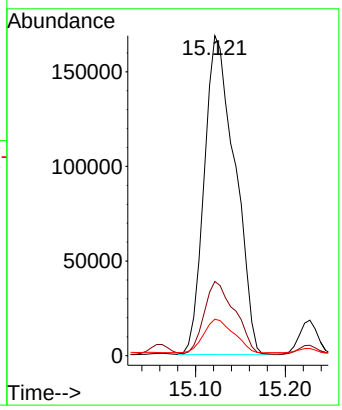


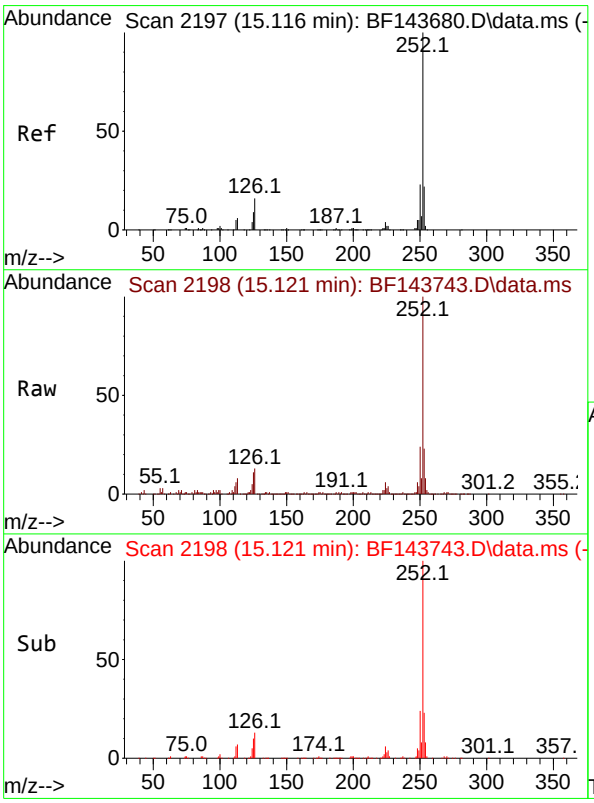
#88
Benzo(b)fluoranthene
Concen: 86.286 ng
RT: 15.121 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Instrument :
BNA_F
ClientSampleId :
MOO-25-0260DL

Tgt Ion:252 Resp: 400621

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.4
125	11.4	7.4	11.0#

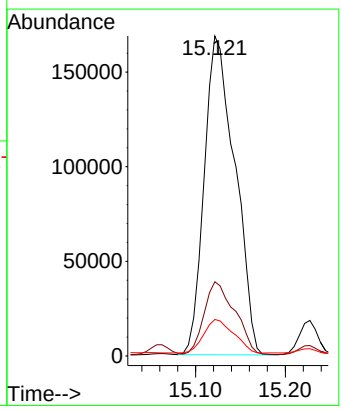


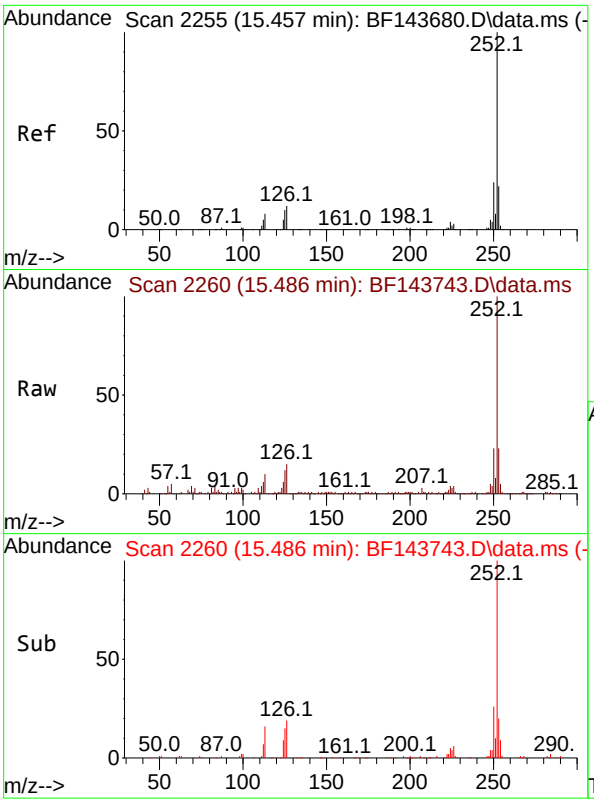


#89
Benzo(k)fluoranthene
Concen: 95.607 ng
RT: 15.121 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Tgt Ion:252 Resp: 400621

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	11.4	7.3	10.9#



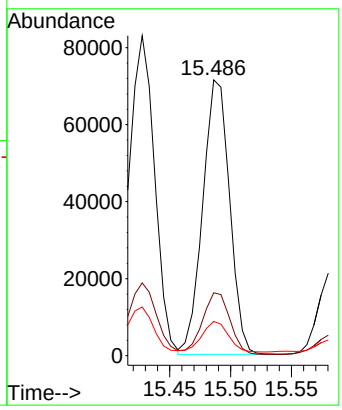


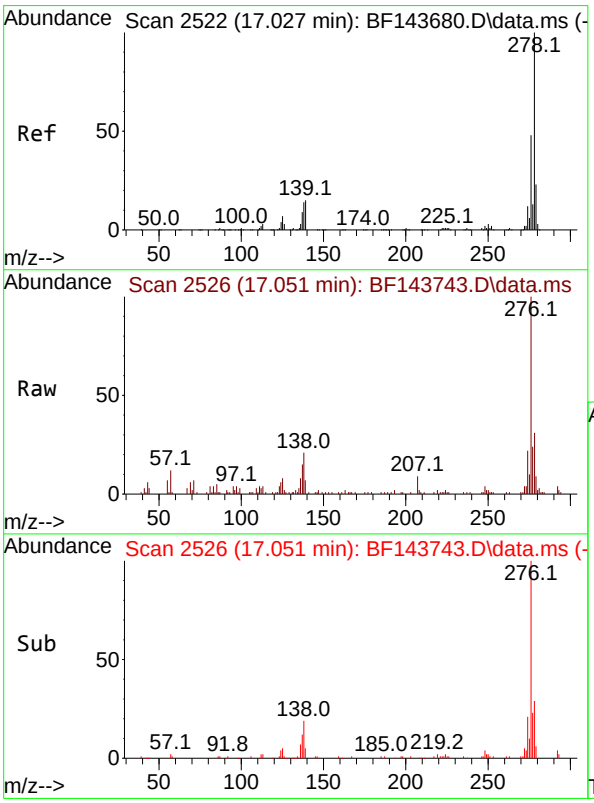
#90
Benzo(a)pyrene
Concen: 26.863 ng
RT: 15.486 min Scan# 2
Delta R.T. 0.029 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Instrument :
BNA_F
ClientSampleId :
MOO-25-0260DL

Tgt Ion:252 Resp: 109573

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	12.4	8.2	12.4#

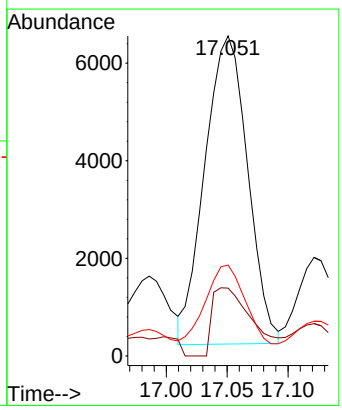


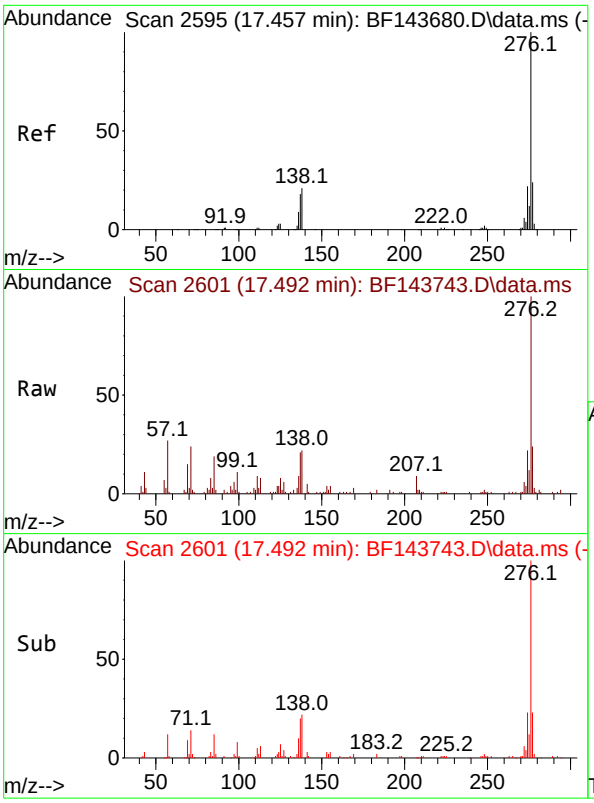


#91
Dibenzo(a,h)anthracene
Concen: 3.504 ng
RT: 17.051 min Scan# 2526
Delta R.T. 0.023 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Tgt Ion:278 Resp: 15473

Ion	Ratio	Lower	Upper
278	100		
139	21.2	12.2	18.4#
279	28.4	18.7	28.1#





#92
Benzo(g,h,i)perylene
Concen: 12.136 ng
RT: 17.492 min Scan# 2
Delta R.T. 0.035 min
Lab File: BF143743.D
Acq: 12 Sep 2025 20:06

Instrument :
BNA_F
ClientSampleId :
MOO-25-0260DL

Tgt Ion:276 Resp: 50134

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	21.9	17.0	25.4