Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144365.D
Acq On : 26 Nov 2025 17:12
Operator : RC/JU
Sample : Q3719-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1125-11A

Quant Time: Nov 26 17:33:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	56499	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	215321	20.000	ng		-0.01
39) Acenaphthene-d10	9.898	164	115085	20.000	ng		-0.02
64) Phenanthrene-d10	11.392	188	175885	20.000	ng		-0.01
76) Chrysene-d12	14.039	240	134346	20.000	ng		-0.01
86) Perylene-d12	15.521	264	175772	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	297930	82.519	ng		0.00
7) Phenol-d6	6.492	99	349154	85.348	ng		0.00
23) Nitrobenzene-d5	7.422	82	211086	56.619	ng		-0.01
42) 2,4,6-Tribromophenol	10.692	330	108691	75.261	ng		-0.01
45) 2-Fluorobiphenyl	9.216	172	436414	56.007	ng		-0.01
79) Terphenyl-d14	12.980	244	337489	39.902	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	29716	11.034	ng	#	76
25) Isophorone	7.422	82	211083	29.933	ng	#	66
51) 2,6-Dinitrotoluene	9.898	165	14764	9.566	ng	#	28
53) 3-Nitroaniline	9.869	138	4902	2.906	ng	#	1
57) 2,4-Dinitrotoluene	9.898	165	14764	7.146	ng	#	29
63) Azobenzene	10.616	77	21841	3.339	ng	#	1
67) 4-Bromophenyl-phenylether	10.692	248	5907	2.631	ng	#	1
71) Phenanthrene	11.416	178	21118	2.412	ng		99
75) Fluoranthene	12.610	202	54838	6.062	ng		98
78) Pyrene	12.839	202	50313	4.645	ng		97
81) Benzo(a)anthracene	14.068	228	39469	4.239	ng		96
83) Chrysene	14.068	228	39469	4.592	ng		97
87) Indeno(1,2,3-cd)pyrene	17.021	276	25485	2.020	ng	#	93
88) Benzo(b)fluoranthene	15.092	252	80552	8.061	ng	#	98
89) Benzo(k)fluoranthene	15.092	252	80552	8.612	ng	#	98
90) Benzo(a)pyrene	15.463	252	45528	4.939	ng	#	94
92) Benzo(g,h,i)perylene	17.474	276	21925	2.191	ng	#	91

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

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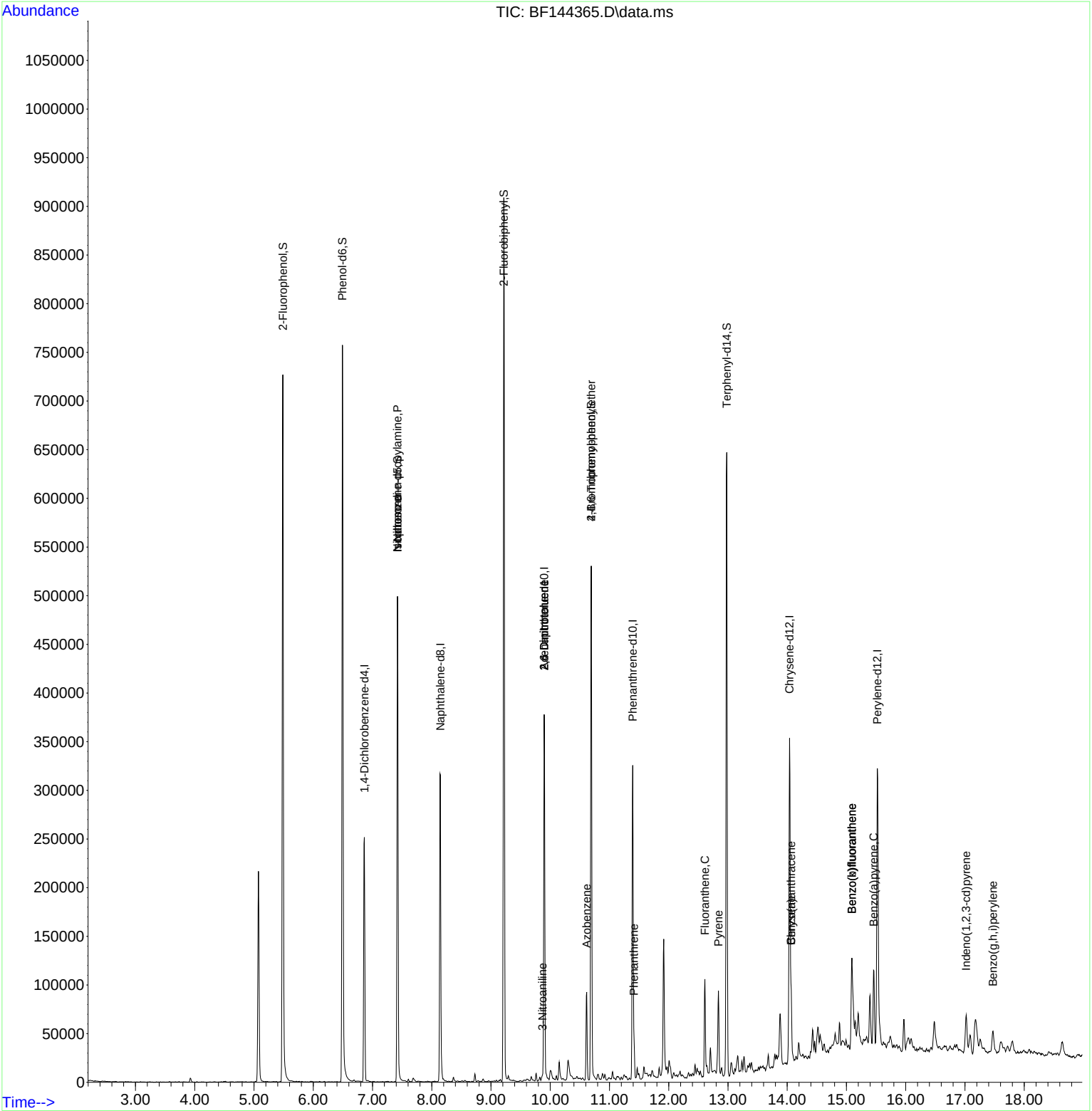
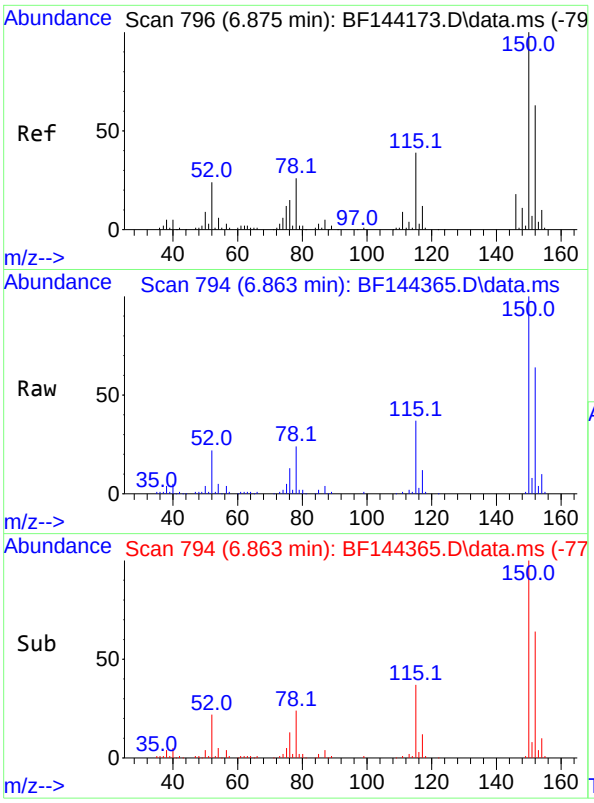


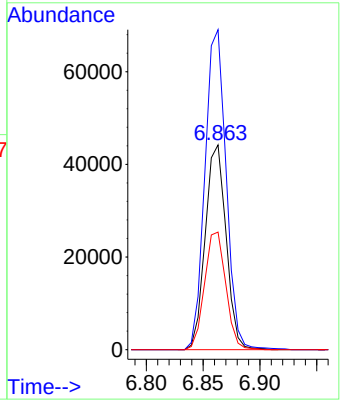


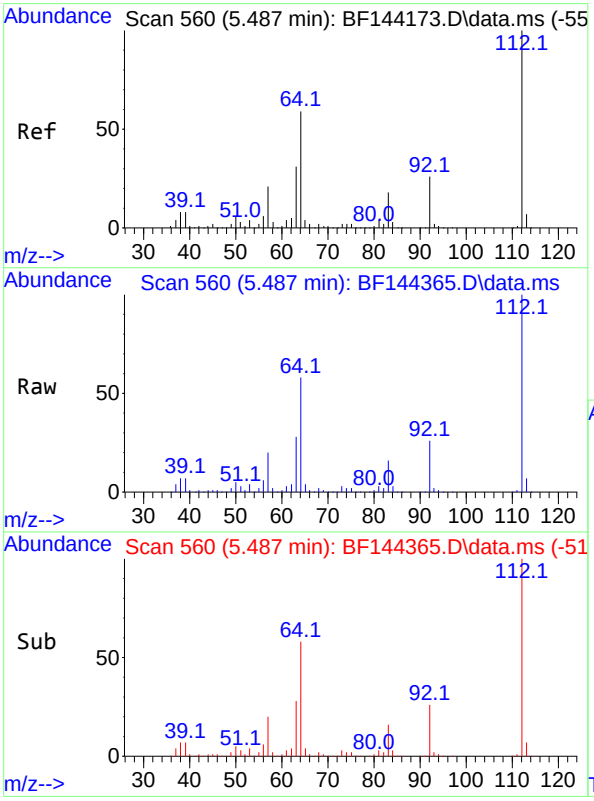
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Instrument :
BNA_F
ClientSampleId :
SB-1125-11A

Tgt Ion:152 Resp: 56499

Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.4	191.0
115	57.5	49.5	74.3

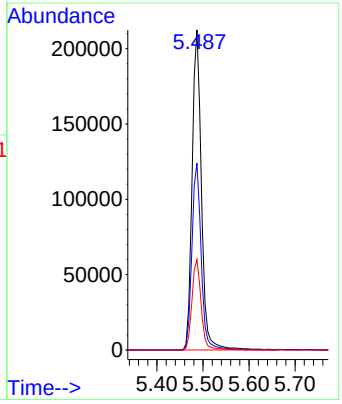


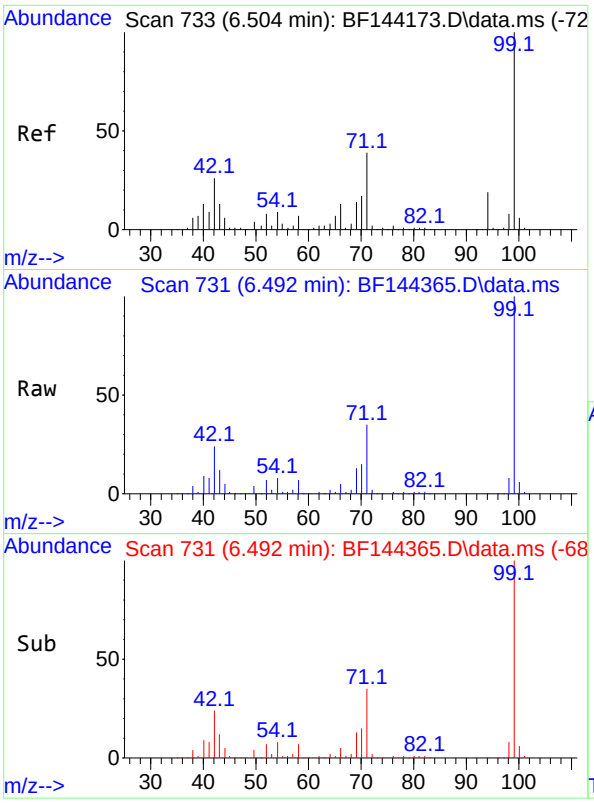


#5
2-Fluorophenol
Concen: 82.519 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:112 Resp: 297930

Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.2	70.8
63	28.3	24.4	36.6



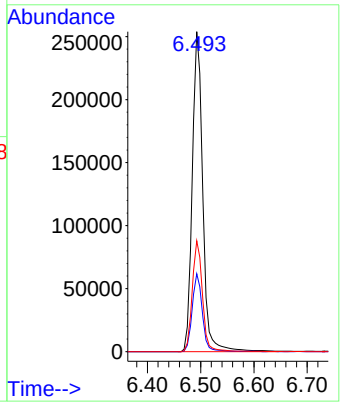


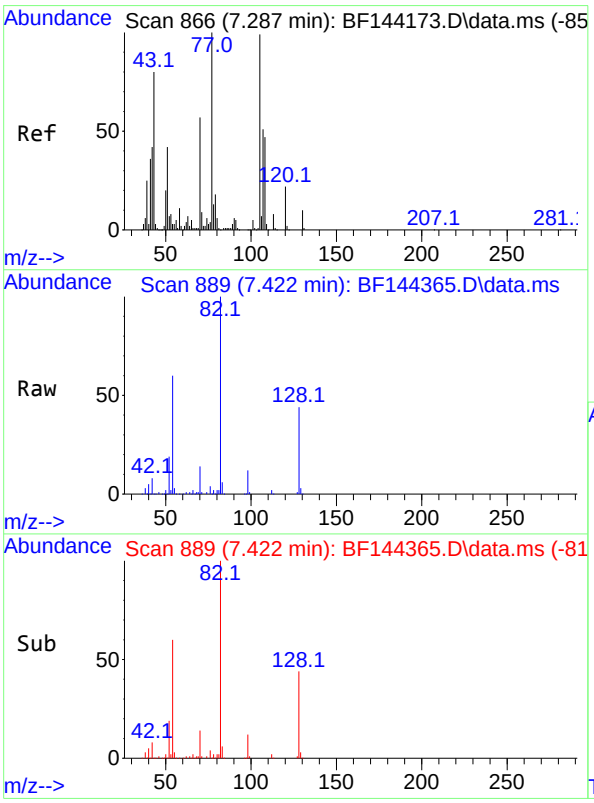
#7
Phenol-d6
Concen: 85.348 ng
RT: 6.492 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Instrument :
BNA_F
ClientSampleId :
SB-1125-11A

Tgt Ion: 99 Resp: 349154

Ion	Ratio	Lower	Upper
99	100		
42	24.3	20.9	31.3
71	34.7	31.4	47.2

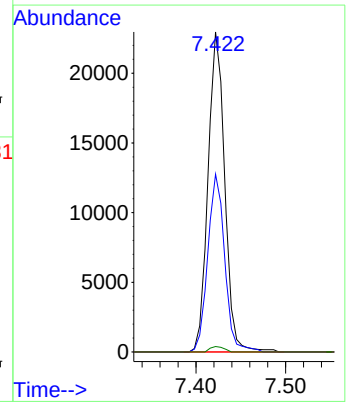


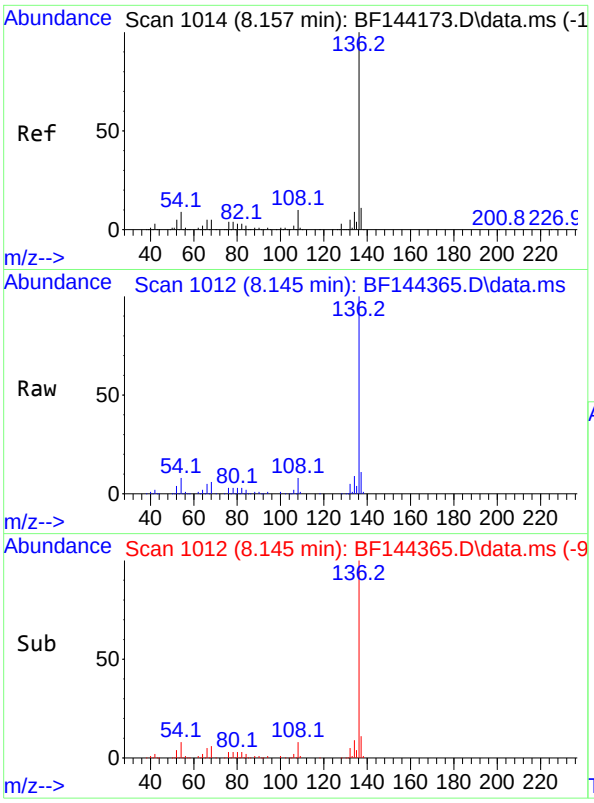


#19
n-Nitroso-di-n-propylamine
Concen: 11.034 ng
RT: 7.422 min Scan# 889
Delta R.T. 0.147 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion: 70 Resp: 29716

Ion	Ratio	Lower	Upper
70	100		
42	55.5	58.3	87.5#
101	0.0	7.0	10.6#
130	1.7	14.4	21.6#



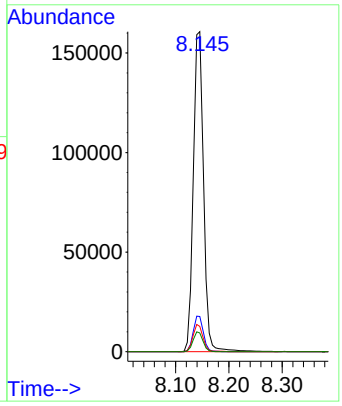


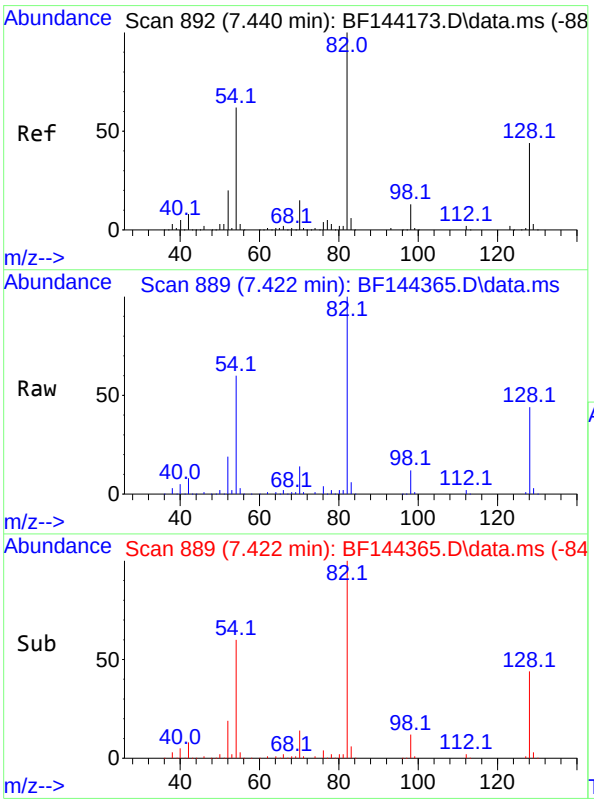
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Instrument :
BNA_F
ClientSampleId :
SB-1125-11A

Tgt Ion:136 Resp: 215321

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.9	7.0	10.6
68	5.9	4.3	6.5

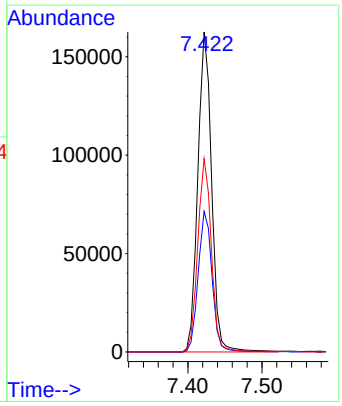


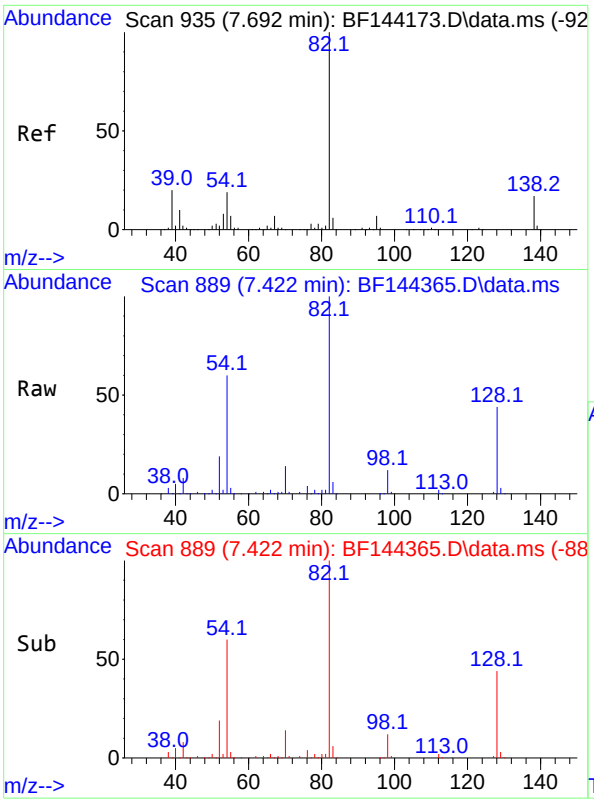


#23
Nitrobenzene-d5
Concen: 56.619 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion: 82 Resp: 211086

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.7	52.1
54	60.4	49.5	74.3



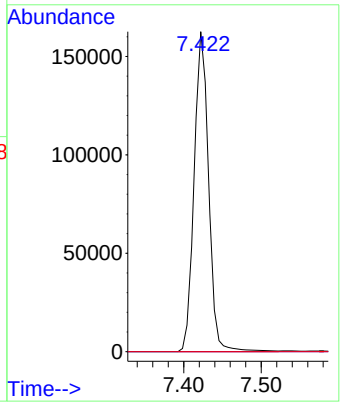


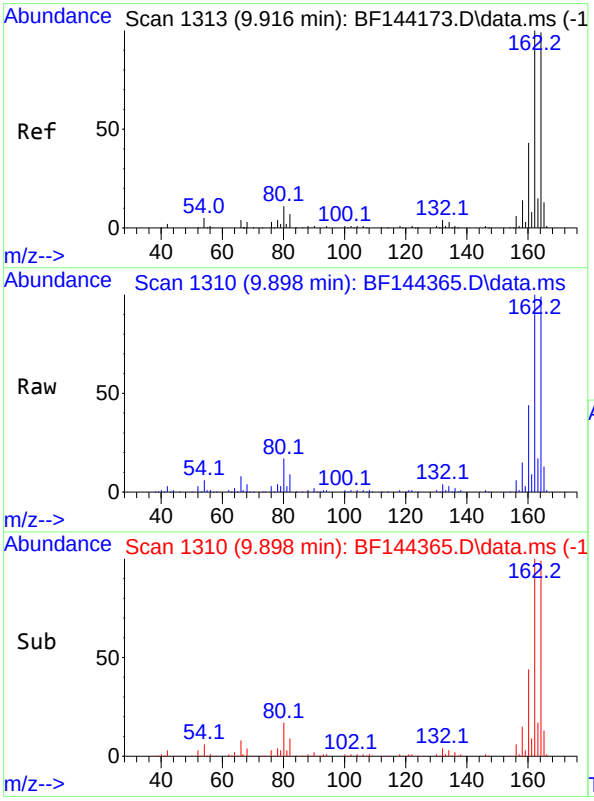
#25
Isophorone
Concen: 29.933 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Instrument :
BNA_F
ClientSampleId :
SB-1125-11A

Tgt Ion: 82 Resp: 211083

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	13.7	20.5#

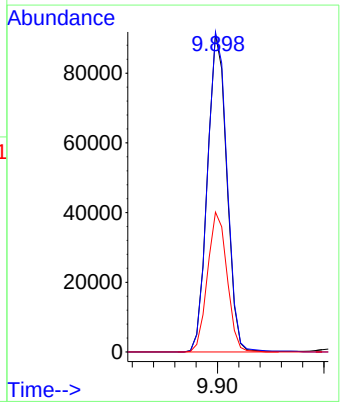


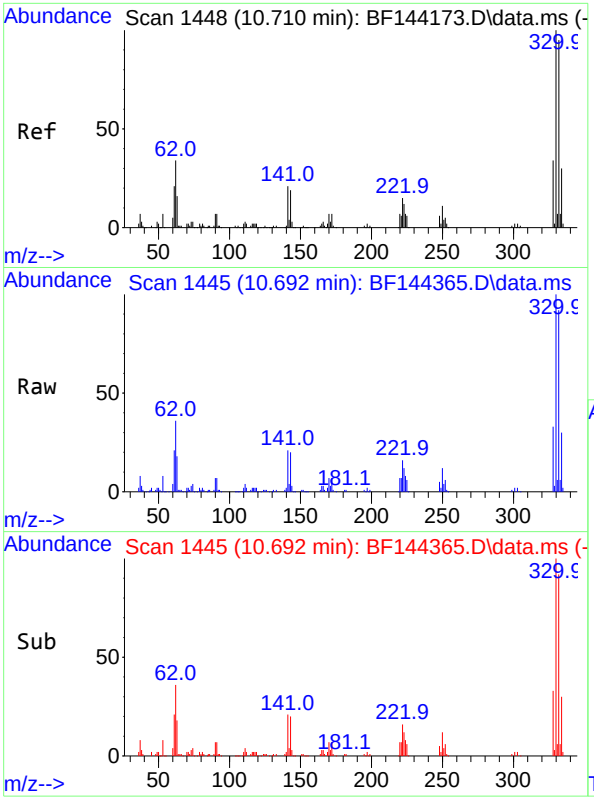


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:164 Resp: 115085

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.1	121.7
160	44.0	34.5	51.7



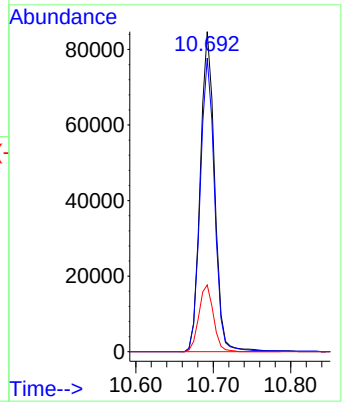


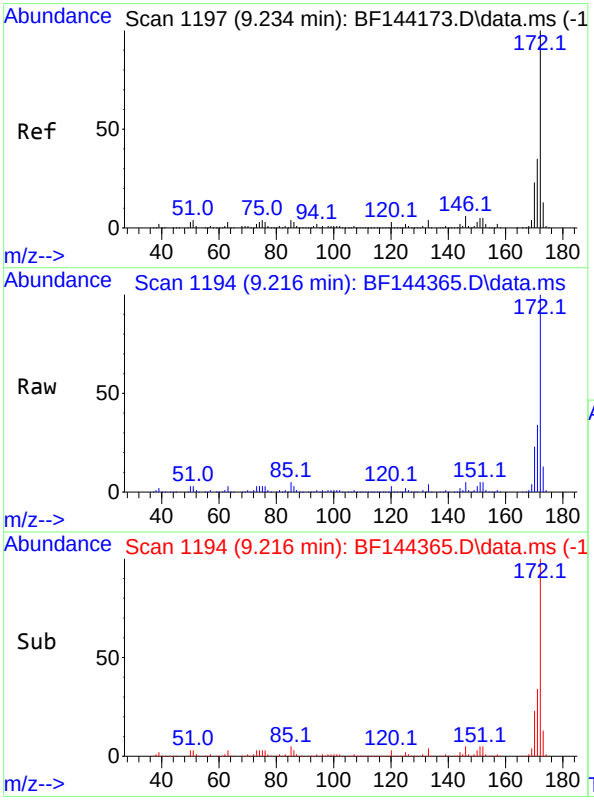
#42
2,4,6-Tribromophenol
Concen: 75.261 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Instrument :
BNA_F
ClientSampleId :
SB-1125-11A

Tgt Ion:330 Resp: 108691

Ion	Ratio	Lower	Upper
330	100		
332	92.1	76.7	115.1
141	21.1	17.8	26.8

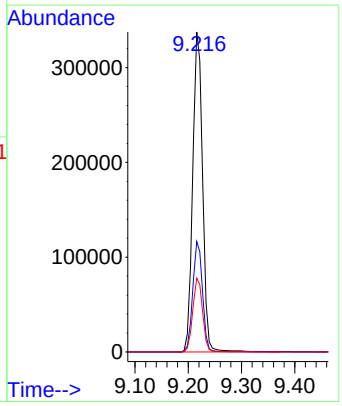


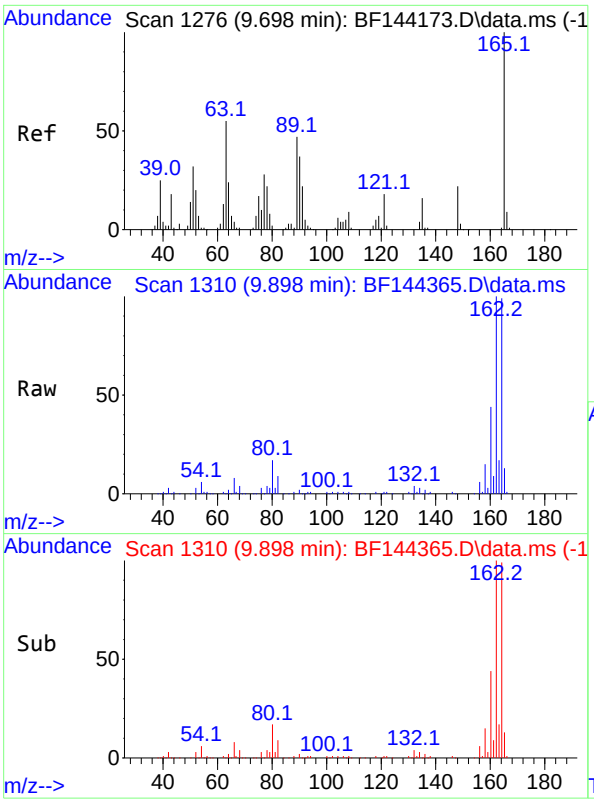


#45
2-Fluorobiphenyl
Concen: 56.007 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:172 Resp: 436414

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.1	42.1
170	23.1	18.6	28.0



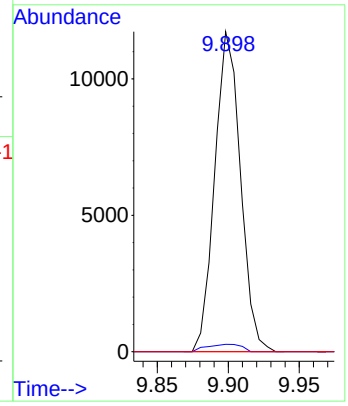


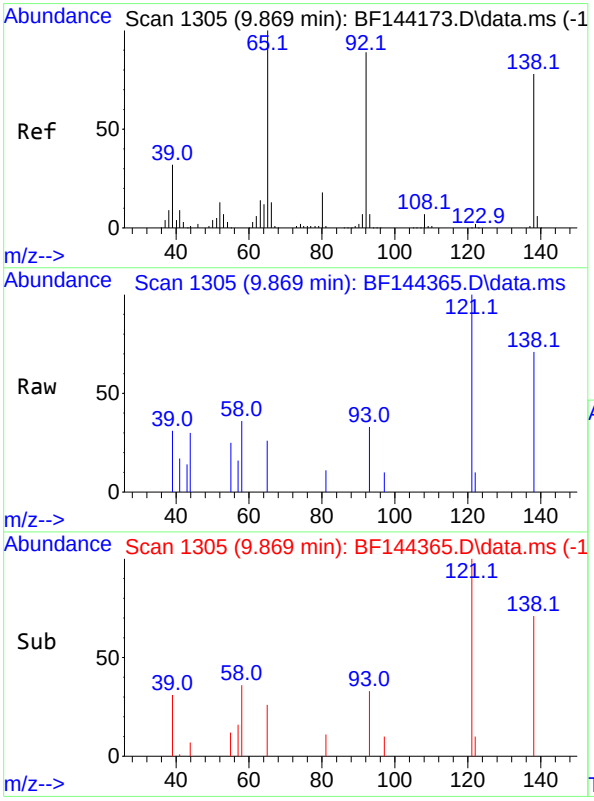
#51
2,6-Dinitrotoluene
Concen: 9.566 ng
RT: 9.898 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Instrument :
BNA_F
ClientSampleId :
SB-1125-11A

Tgt Ion:165 Resp: 14764

Ion	Ratio	Lower	Upper
165	100		
63	2.3	43.8	65.8#
89	0.0	37.5	56.3#

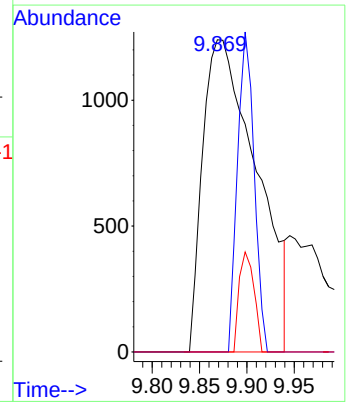


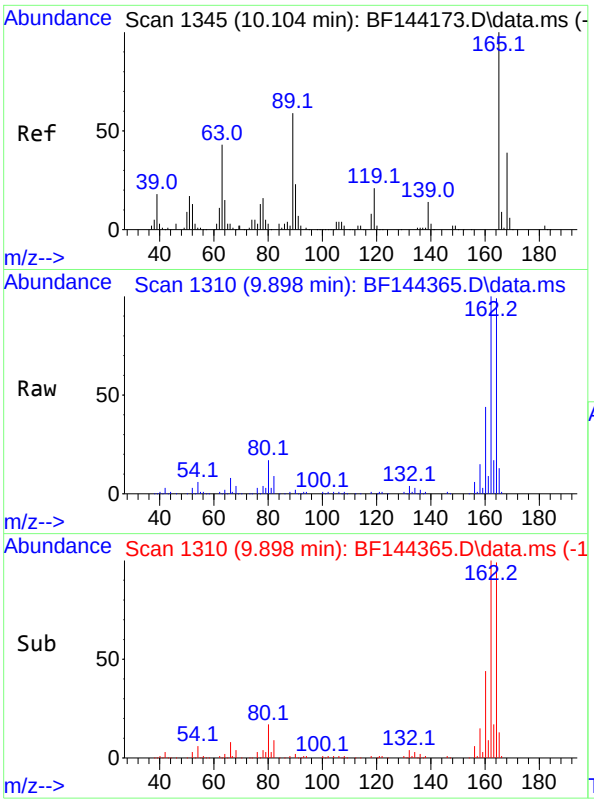


#53
3-Nitroaniline
Concen: 2.906 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:138 Resp: 4902

Ion	Ratio	Lower	Upper
138	100		
108	0.0	7.5	11.3#
92	0.0	91.8	137.6#



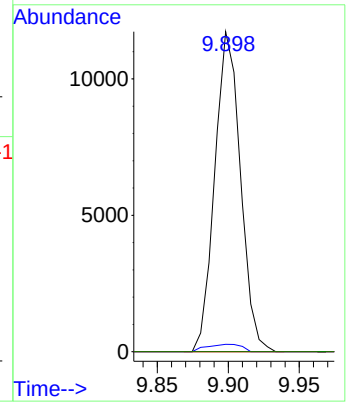


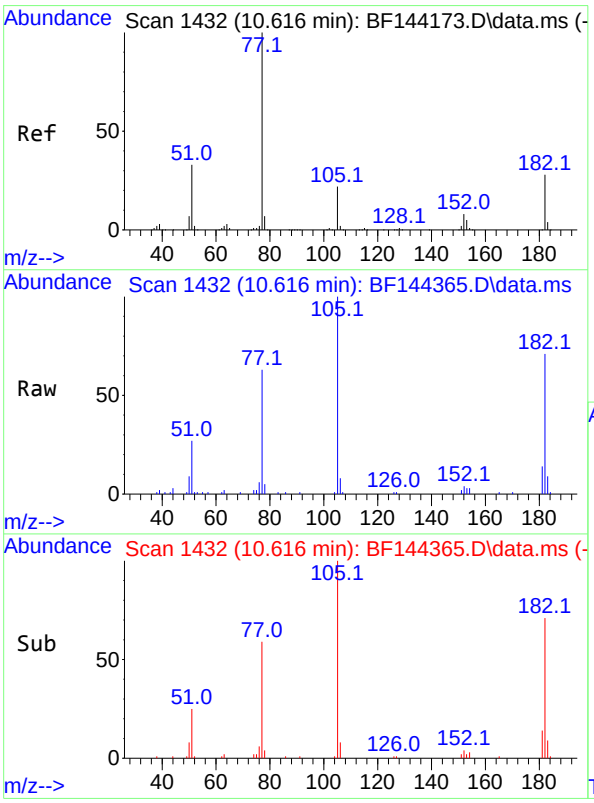
#57
2,4-Dinitrotoluene
Concen: 7.146 ng
RT: 9.898 min Scan# 1
Delta R.T. -0.200 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Instrument :
BNA_F
ClientSampleId :
SB-1125-11A

Tgt Ion:165 Resp: 14764

Ion	Ratio	Lower	Upper
165	100		
63	2.3	35.5	53.3#
89	0.0	47.4	71.2#
182	0.0	1.9	2.9#

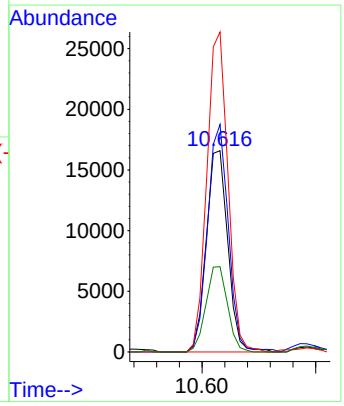


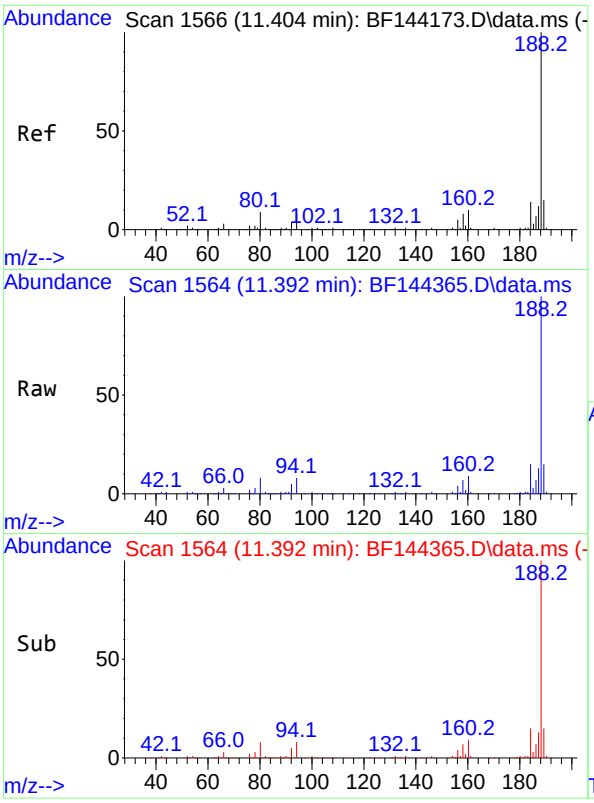


#63
Azobenzene
Concen: 3.339 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion: 77 Resp: 21841

Ion	Ratio	Lower	Upper
77	100		
182	113.1	8.1	48.1#
105	159.0	2.0	42.0#
51	42.4	13.9	53.9



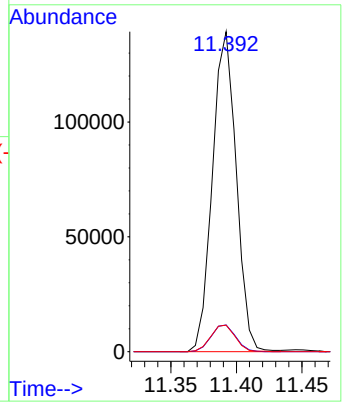


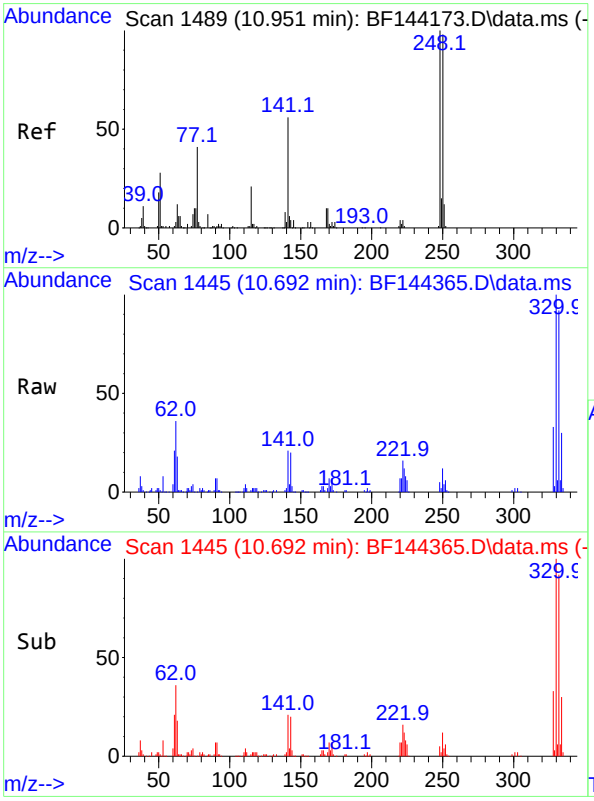
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Instrument :
BNA_F
ClientSampleId :
SB-1125-11A

Tgt Ion:188 Resp: 175885

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.2	9.2
80	8.3	6.9	10.3

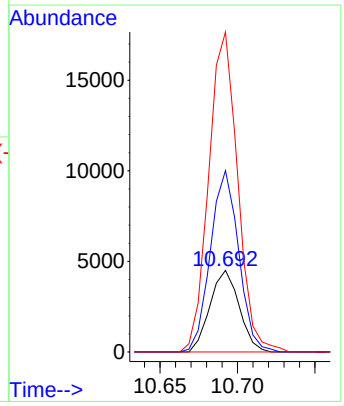


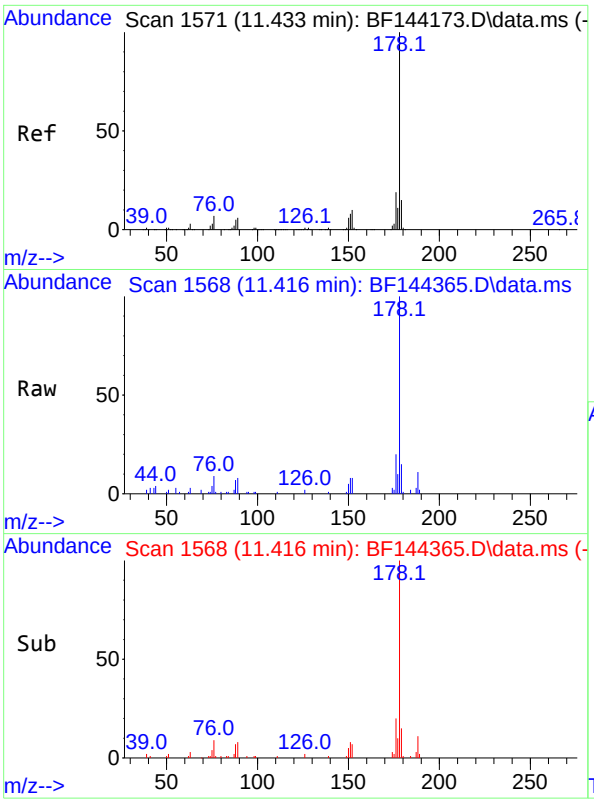


#67
4-Bromophenyl-phenylether
Concen: 2.631 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.253 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:248 Resp: 5907

Ion	Ratio	Lower	Upper
248	100		
250	222.4	78.4	117.6#
141	392.2	45.1	67.7#



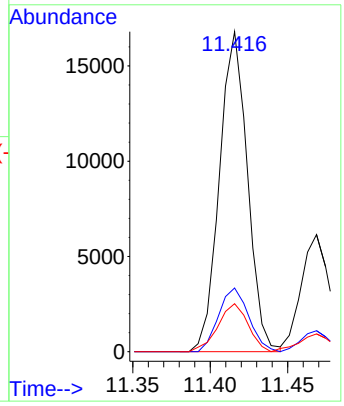


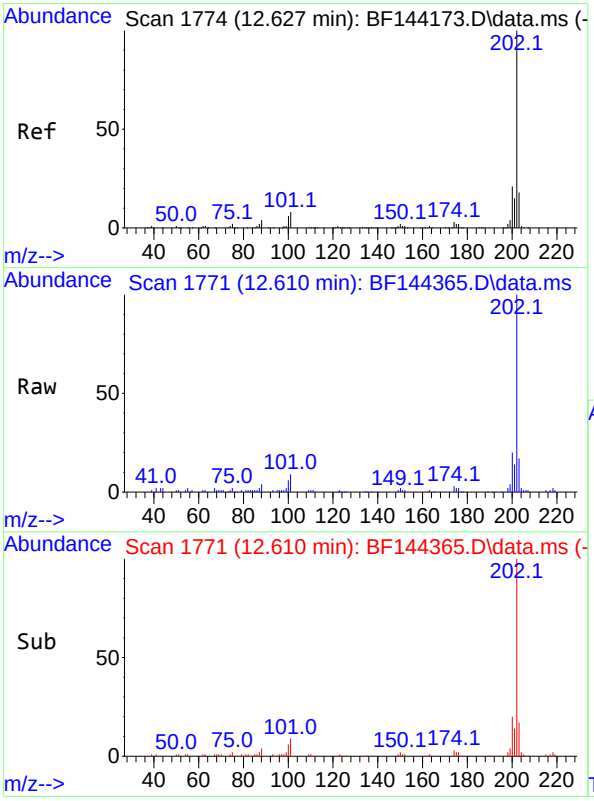
#71
Phenanthrene
Concen: 2.412 ng
RT: 11.416 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Instrument :
BNA_F
ClientSampleId :
SB-1125-11A

Tgt Ion:178 Resp: 21118

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	15.0	12.2	18.4

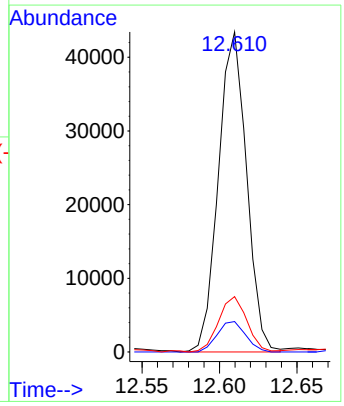


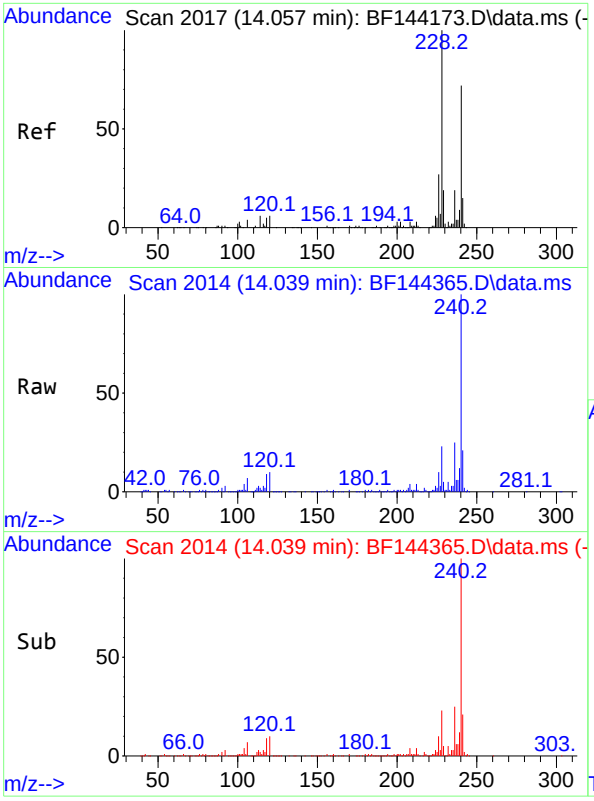


#75
Fluoranthene
Concen: 6.062 ng
RT: 12.610 min Scan# 1771
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:202 Resp: 54838

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	27.9
203	17.3	0.0	37.5



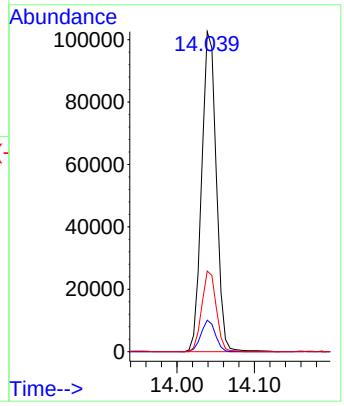


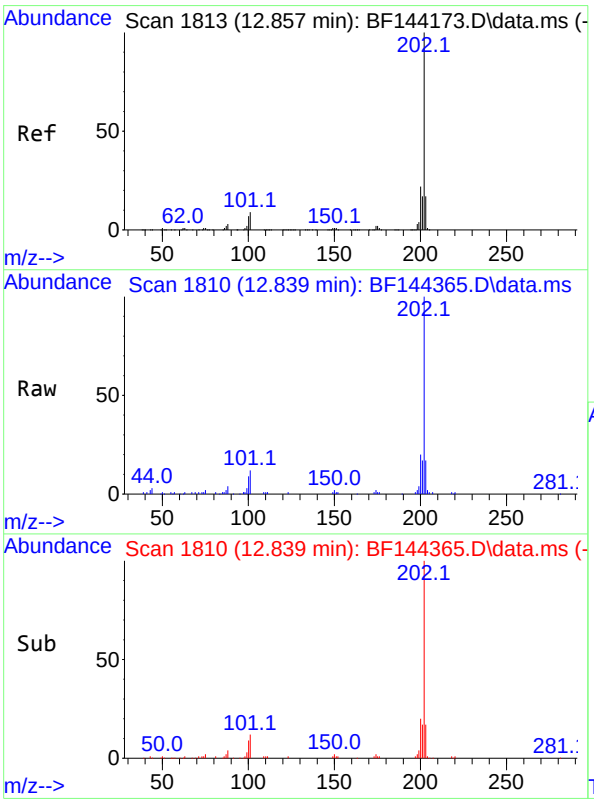
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Instrument :
BNA_F
ClientSampleId :
SB-1125-11A

Tgt Ion:240 Resp: 134346

Ion	Ratio	Lower	Upper
240	100		
120	9.9	6.6	10.0
236	25.2	21.4	32.2

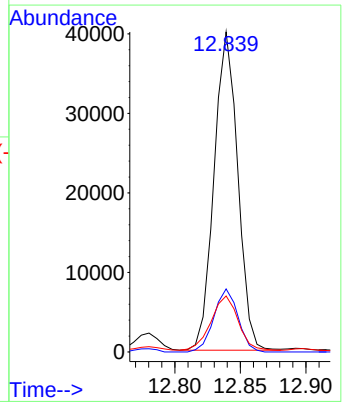


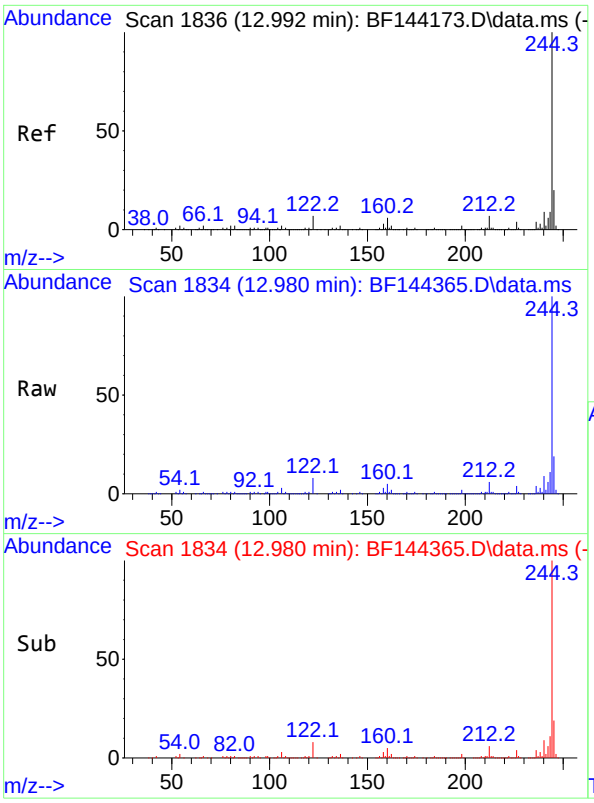


#78
Pyrene
Concen: 4.645 ng
RT: 12.839 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:202 Resp: 50313

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.2	25.8
203	17.5	13.7	20.5



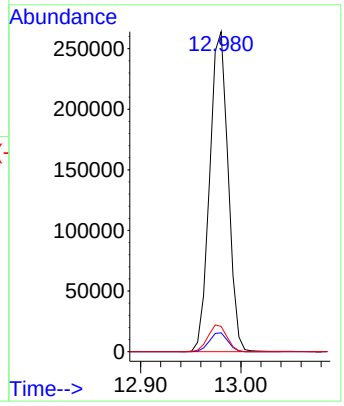


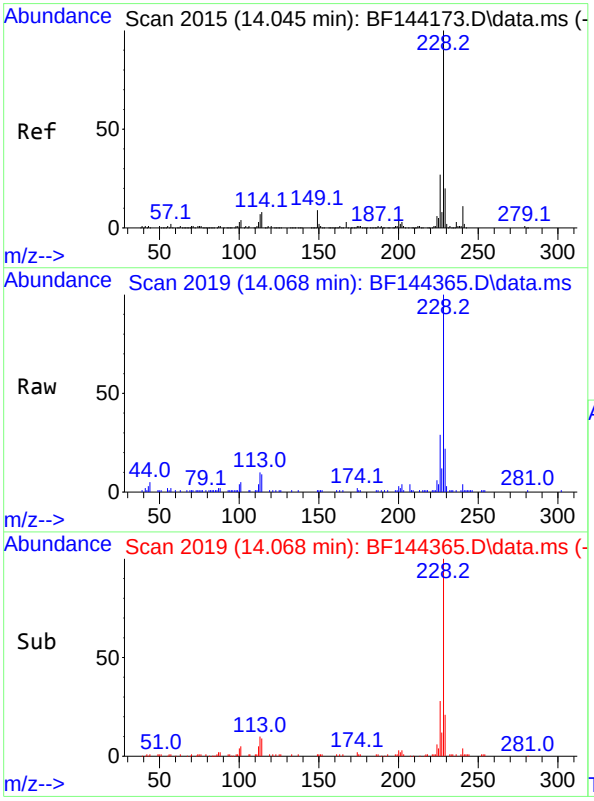
#79
Terphenyl-d14
Concen: 39.902 ng
RT: 12.980 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Instrument :
BNA_F
ClientSampleId :
SB-1125-11A

Tgt Ion:244 Resp: 337489

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.3	7.9
122	7.9	5.6	8.4

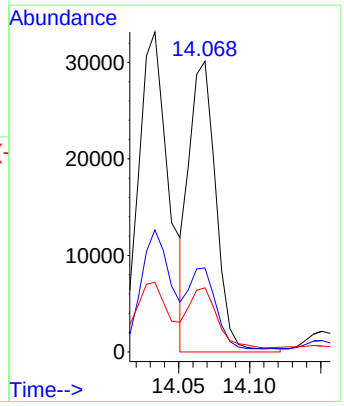


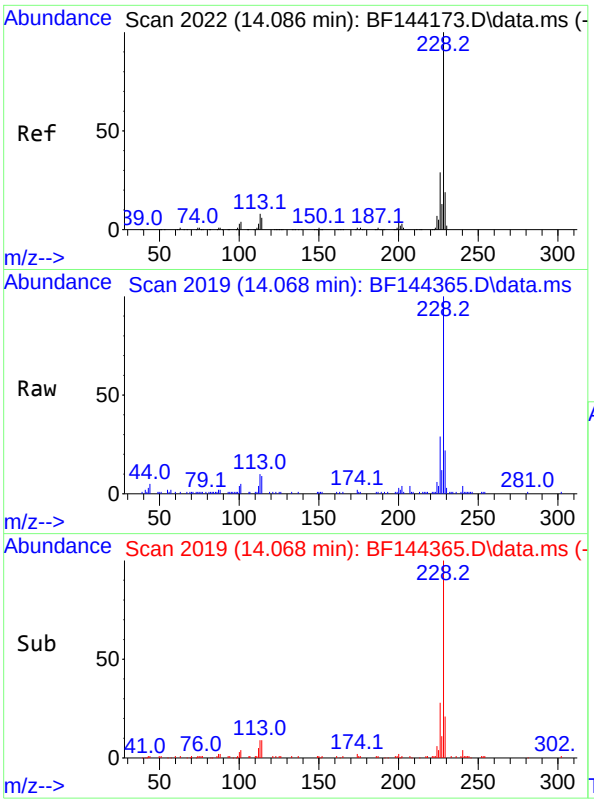


#81
Benzo(a)anthracene
Concen: 4.239 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.023 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:228 Resp: 39469

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.8	32.8
229	22.1	15.8	23.6



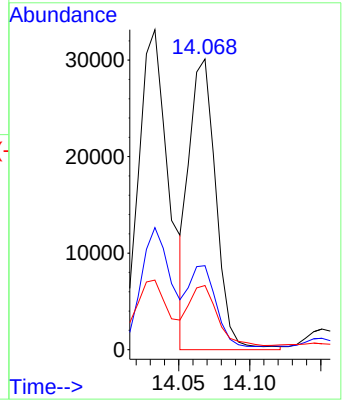


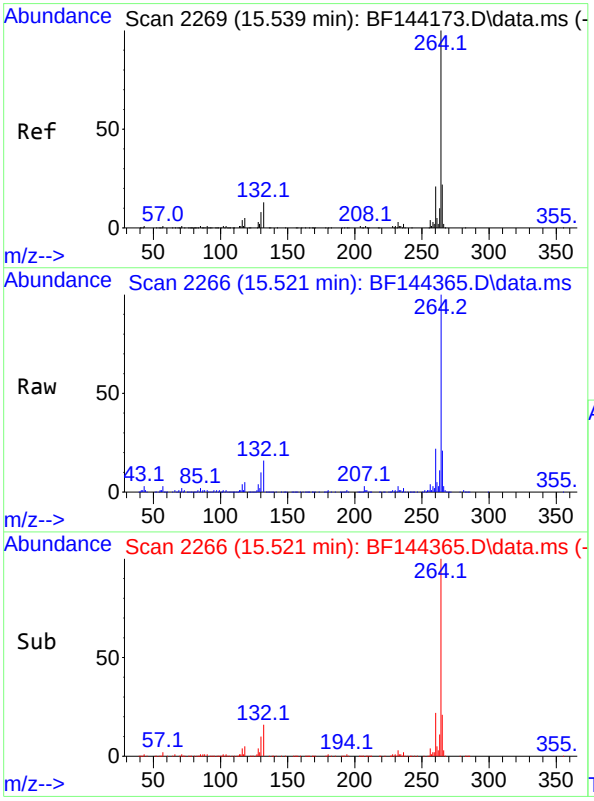
#83
Chrysene
Concen: 4.592 ng
RT: 14.068 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Instrument :
BNA_F
ClientSampleId :
SB-1125-11A

Tgt Ion:228 Resp: 39469

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.9	34.3
229	22.1	15.0	22.6

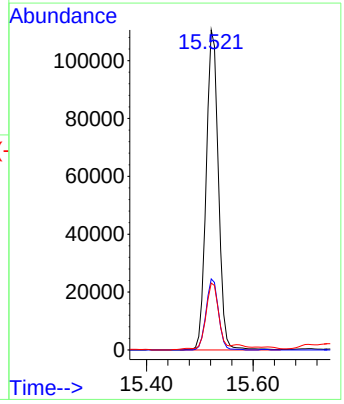


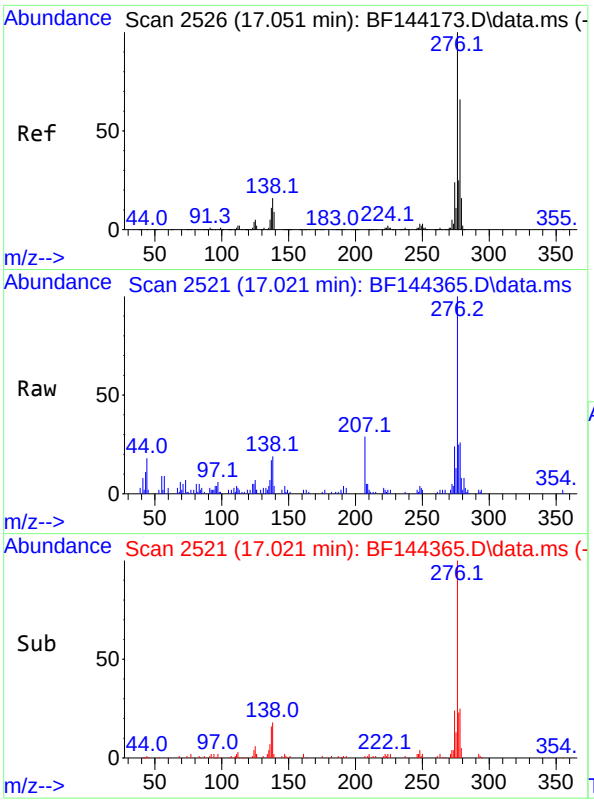


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:264 Resp: 175772

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.1	25.7
265	20.9	17.4	26.0



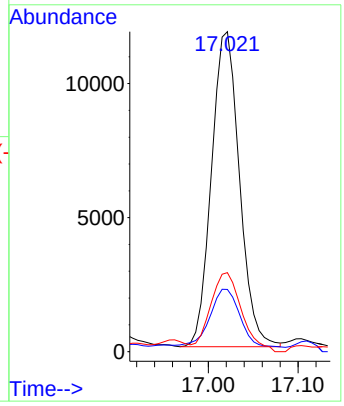


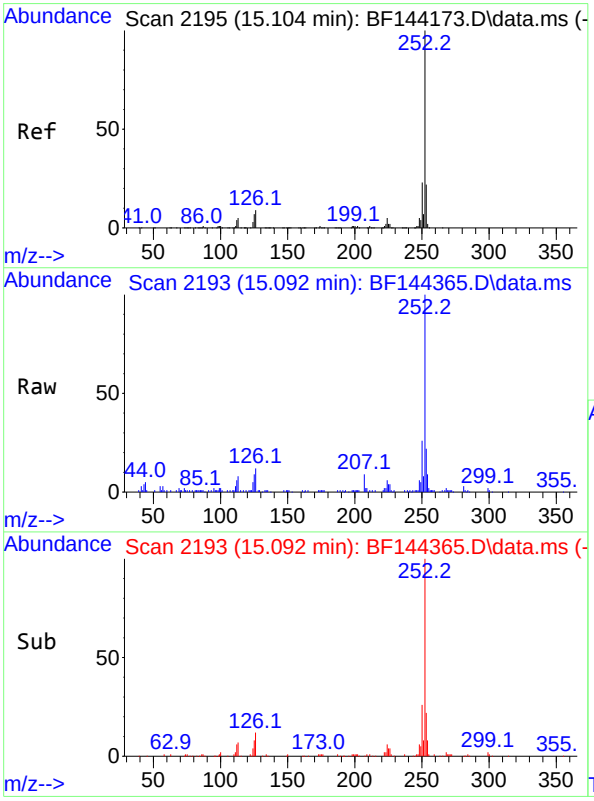
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.020 ng
RT: 17.021 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Instrument :
BNA_F
ClientSampleId :
SB-1125-11A

Tgt Ion:276 Resp: 25485

Ion	Ratio	Lower	Upper
276	100		
138	20.9	13.9	20.9#
277	28.0	19.8	29.6

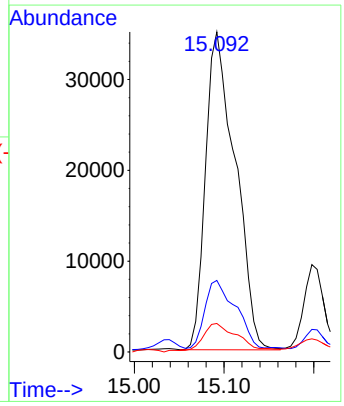


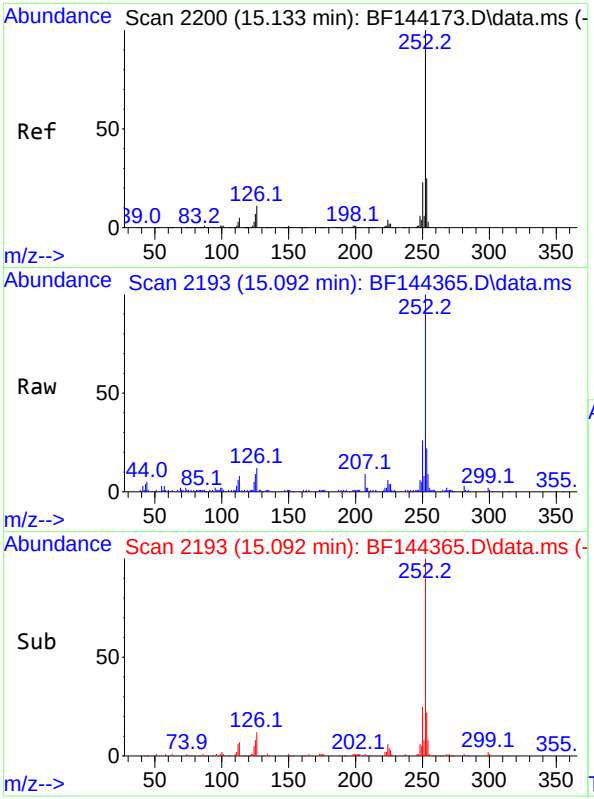


#88
Benzo(b)fluoranthene
Concen: 8.061 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:252 Resp: 80552

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	8.9	5.3	7.9#



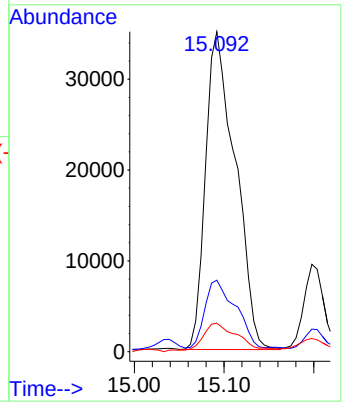


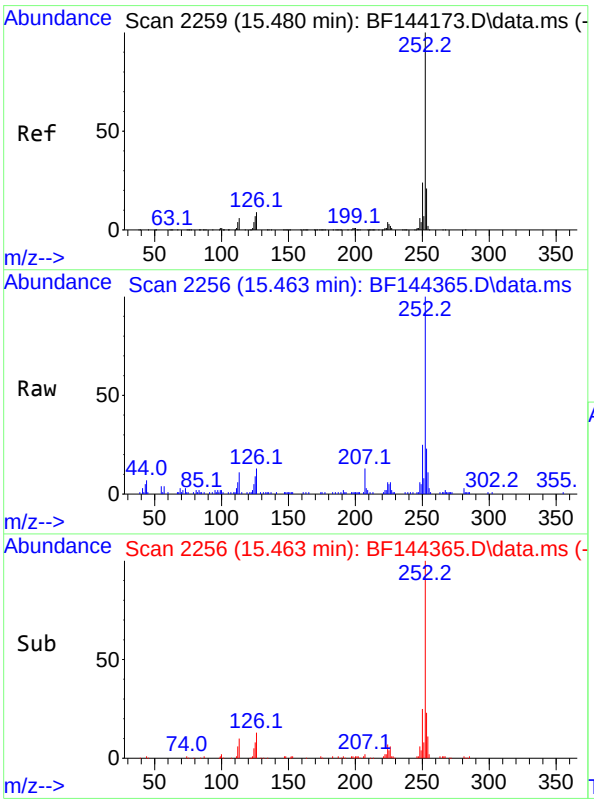
#89
Benzo(k)fluoranthene
Concen: 8.612 ng
RT: 15.092 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Instrument :
BNA_F
ClientSampleId :
SB-1125-11A

Tgt Ion:252 Resp: 80552

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	8.9	5.4	8.2#

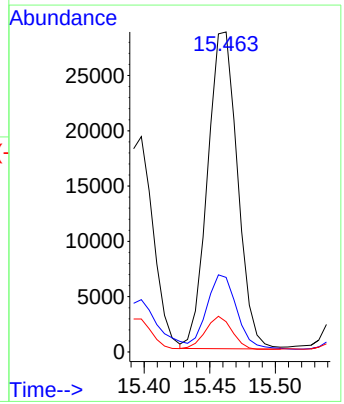


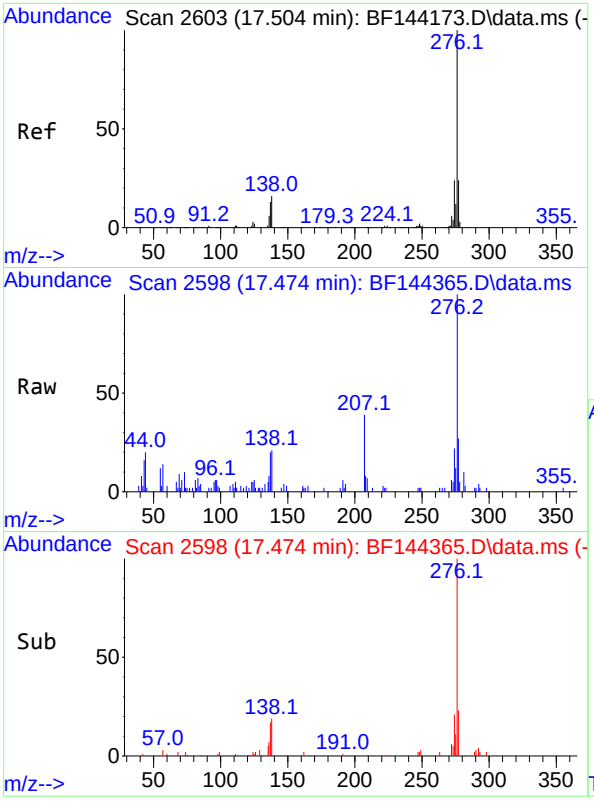


#90
Benzo(a)pyrene
Concen: 4.939 ng
RT: 15.463 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Tgt Ion:252 Resp: 45528

Ion	Ratio	Lower	Upper
252	100		
253	23.3	16.7	25.1
125	9.5	5.7	8.5#





#92
Benzo(g,h,i)perylene
Concen: 2.191 ng
RT: 17.474 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF144365.D
Acq: 26 Nov 2025 17:12

Instrument :
BNA_F
ClientSampleId :
SB-1125-11A

Tgt Ion:276 Resp: 21925

Ion	Ratio	Lower	Upper
276	100		
277	26.8	19.0	28.4
138	21.3	12.9	19.3#