Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
Data File : BF144137.D
Acq On : 29 Oct 2025 19:30
Operator : RC/JU
Sample : Q3481-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-102825

Quant Time: Oct 30 02:21:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	50471	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	177907	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	94459	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	161483	20.000	ng		0.00
76) Chrysene-d12	14.051	240	146720	20.000	ng		0.00
86) Perylene-d12	15.539	264	122941	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	125795	39.433	ng		0.00
7) Phenol-d6	6.498	99	144538	41.025	ng		0.00
23) Nitrobenzene-d5	7.434	82	82233	25.324	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	40272	33.470	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	168337	25.078	ng		0.00
79) Terphenyl-d14	12.992	244	190438	22.691	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	12567	5.516	ng	#	72
25) Isophorone	7.434	82	82232	14.485	ng	#	66
51) 2,6-Dinitrotoluene	9.916	165	11857	9.687	ng	#	22
56) 4-Nitrophenol	10.122	139	2002	2.172	ng	#	1
57) 2,4-Dinitrotoluene	9.916	165	11857	7.177	ng	#	25
71) Phenanthrene	11.428	178	89431	11.149	ng		97
72) Anthracene	11.480	178	26722	3.225	ng		97
75) Fluoranthene	12.622	202	126746	14.301	ng		99
78) Pyrene	12.851	202	119262	11.306	ng		97
81) Benzo(a)anthracene	14.045	228	68187	6.877	ng		96
83) Chrysene	14.080	228	48974	5.263	ng		97
87) Indeno(1,2,3-cd)pyrene	17.039	276	19082	2.261	ng		98
88) Benzo(b)fluoranthene	15.104	252	78207	11.252	ng	#	95
89) Benzo(k)fluoranthene	15.104	252	78207	12.196	ng	#	96
90) Benzo(a)pyrene	15.474	252	40997	6.575	ng	#	94
92) Benzo(g,h,i)perylene	17.486	276	17734	2.640	ng	#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
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Misc :
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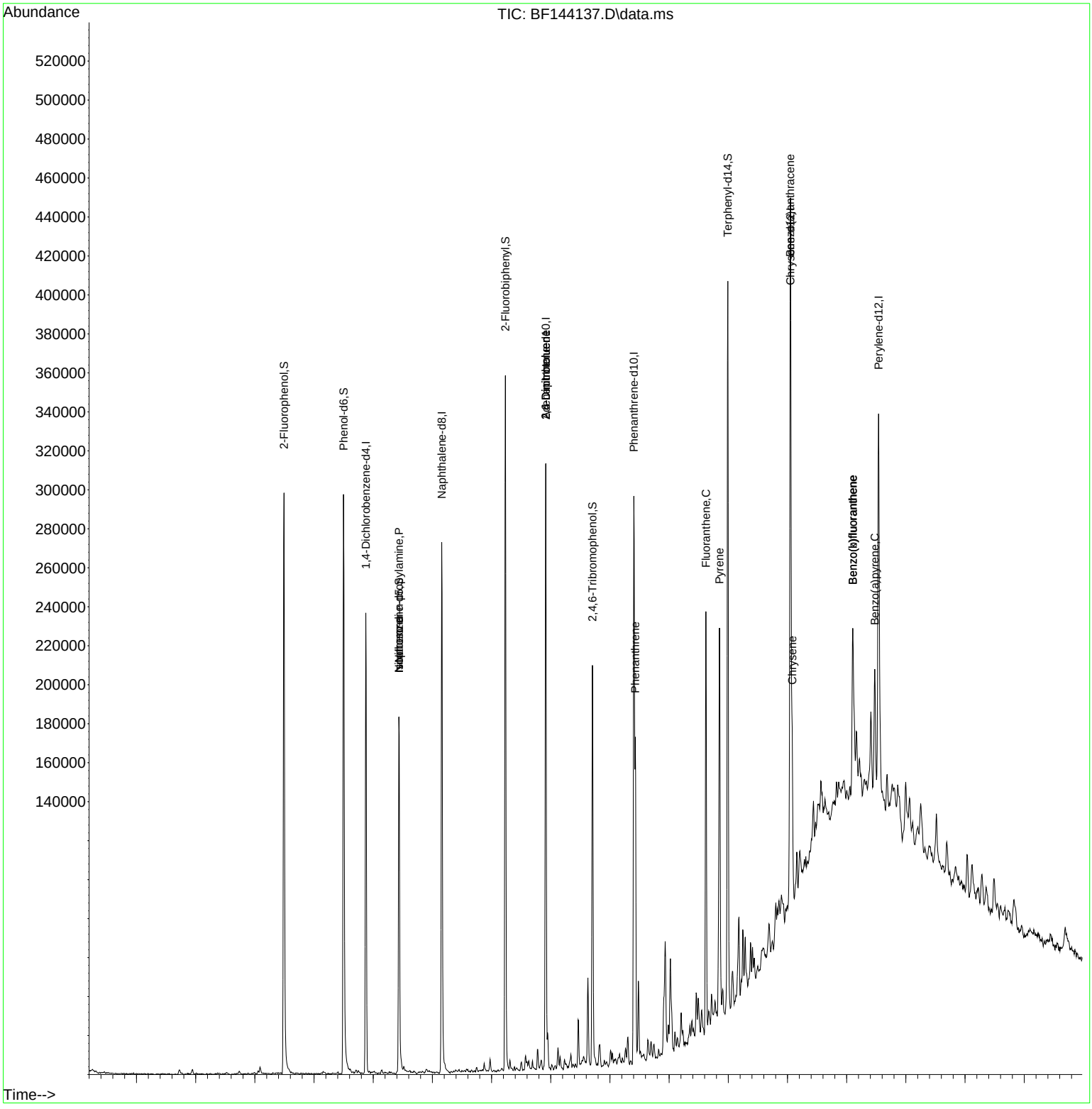
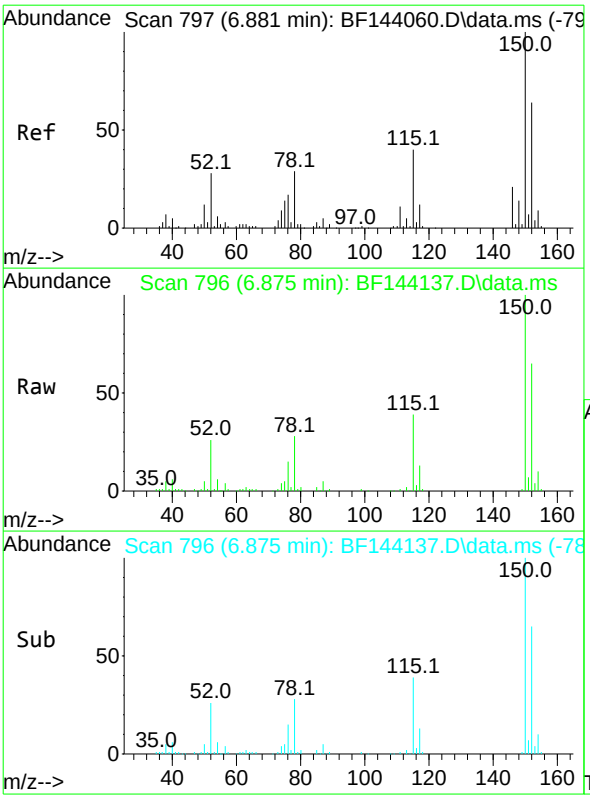
Quant Time: Oct 30 02:21:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration



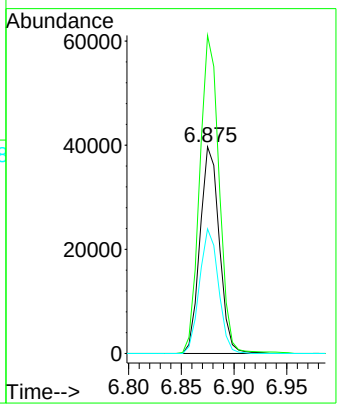


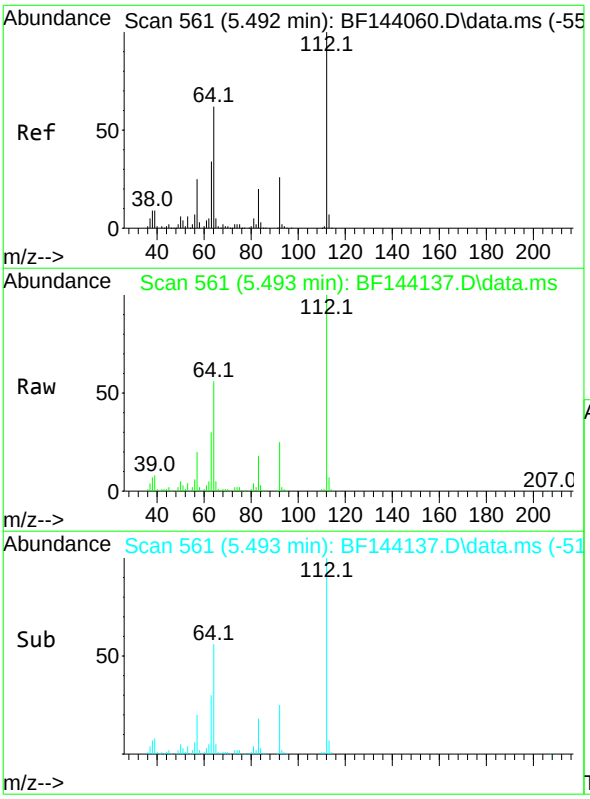
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Instrument :
BNA_F
ClientSampleId :
OR-02-102825

Tgt Ion:152 Resp: 50471

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.4	186.6
115	60.3	49.4	74.0

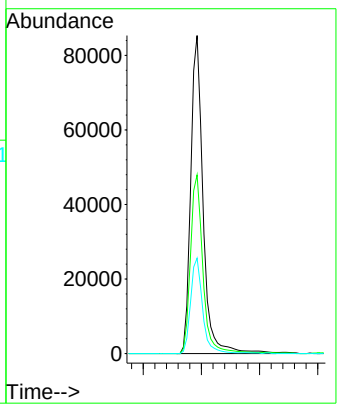


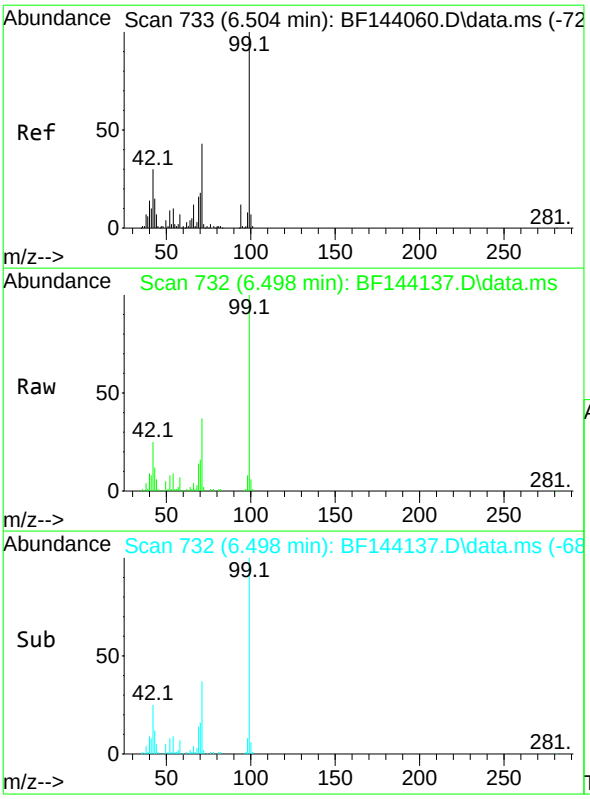


#5
2-Fluorophenol
Concen: 39.433 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Tgt Ion:112 Resp: 125795

Ion	Ratio	Lower	Upper
112	100		
64	56.2	49.8	74.8
63	30.0	27.4	41.2



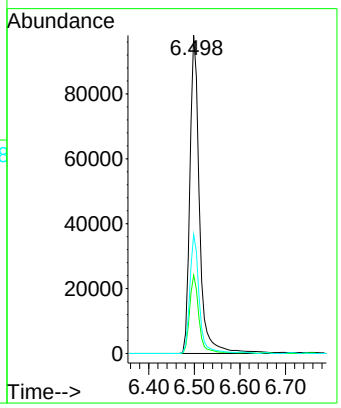


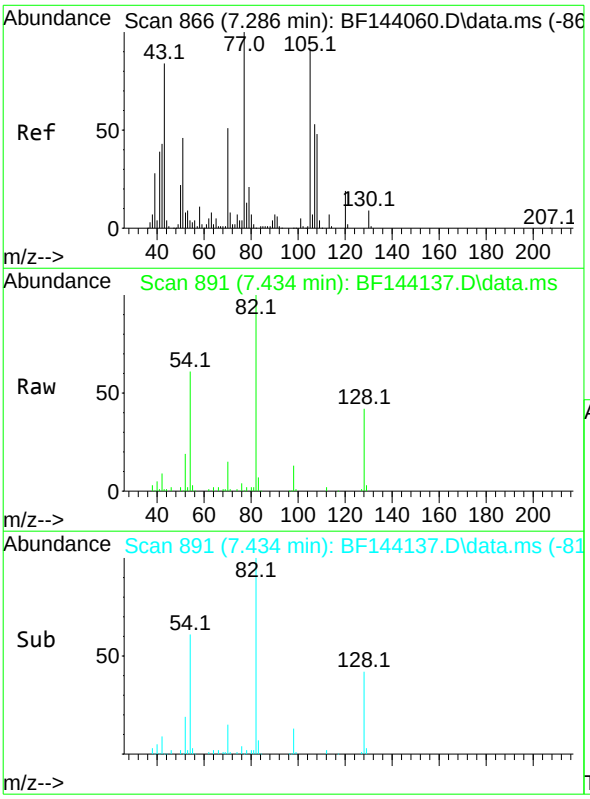
#7
Phenol-d6
Concen: 41.025 ng
RT: 6.498 min Scan# 73
Delta R.T. -0.006 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Instrument :
BNA_F
ClientSampleId :
OR-02-102825

Tgt Ion: 99 Resp: 144538

Ion	Ratio	Lower	Upper
99	100		
42	24.6	23.9	35.9
71	37.4	34.4	51.6

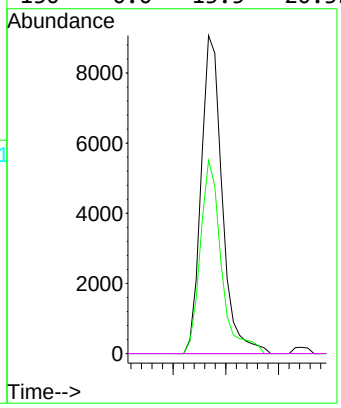


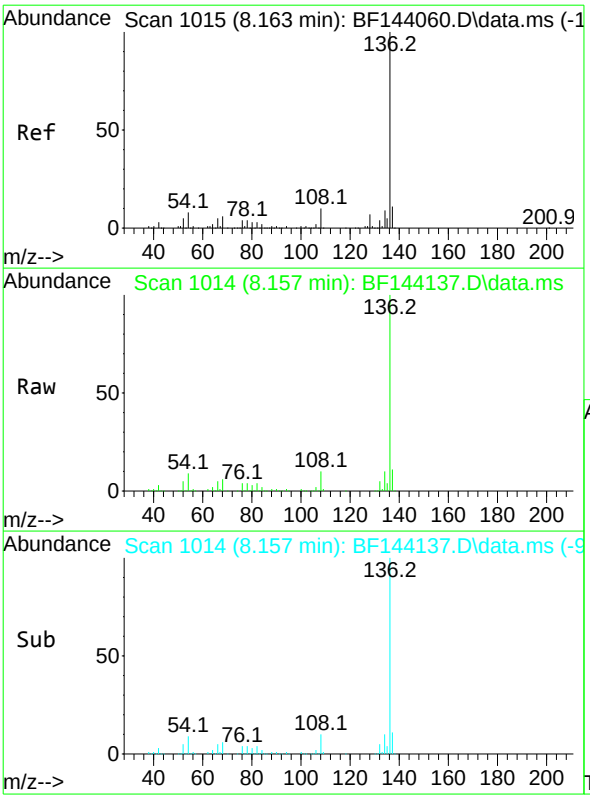


#19
n-Nitroso-di-n-propylamine
Concen: 5.516 ng
RT: 7.434 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Tgt Ion: 70 Resp: 12567

Ion	Ratio	Lower	Upper
70	100		
42	60.8	67.4	101.0#
101	0.0	7.1	10.7#
130	0.0	13.5	20.3#



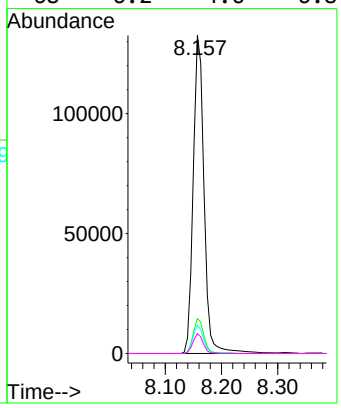


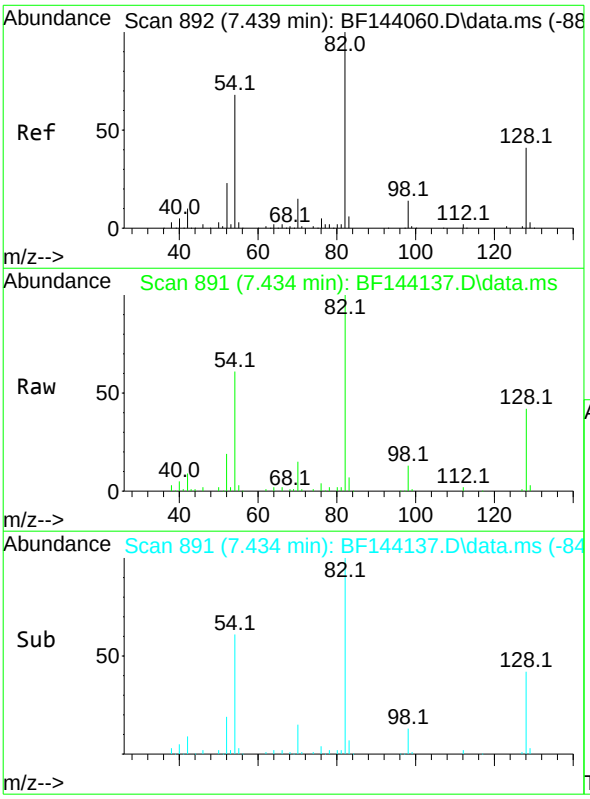
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Instrument :
BNA_F
ClientSampleId :
OR-02-102825

Tgt Ion:136 Resp: 177907

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.8	6.6	9.8
68	6.2	4.6	6.8

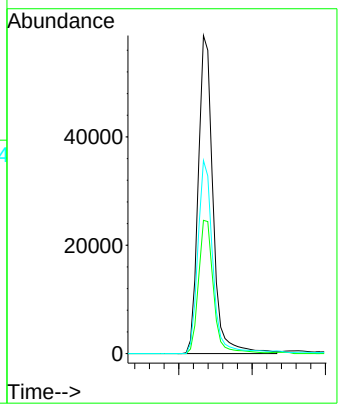


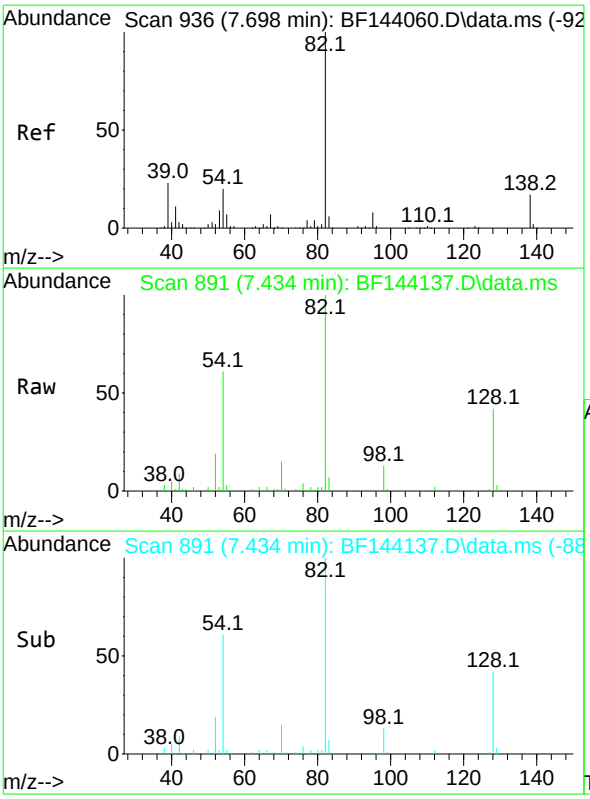


#23
Nitrobenzene-d5
Concen: 25.324 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Tgt Ion: 82 Resp: 82233

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.4	48.6
54	60.7	54.0	81.0



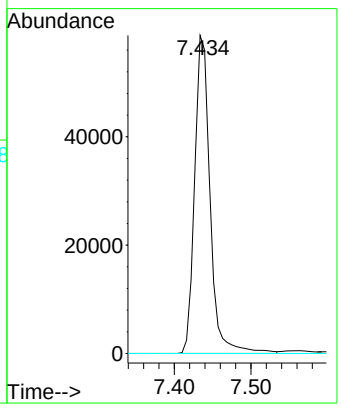


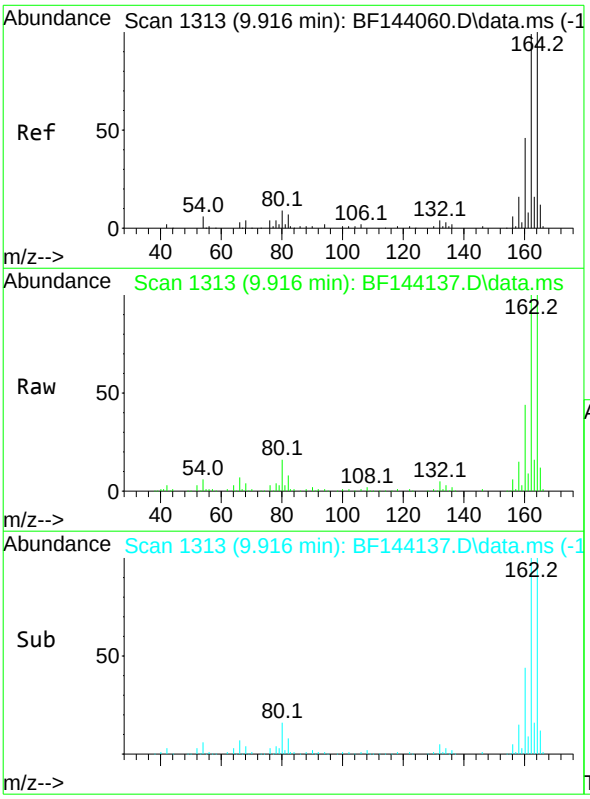
#25
Isophorone
Concen: 14.485 ng
RT: 7.434 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Instrument :
BNA_F
ClientSampleId :
OR-02-102825

Tgt Ion: 82 Resp: 82232

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	9.8#
138	0.0	13.8	20.8#

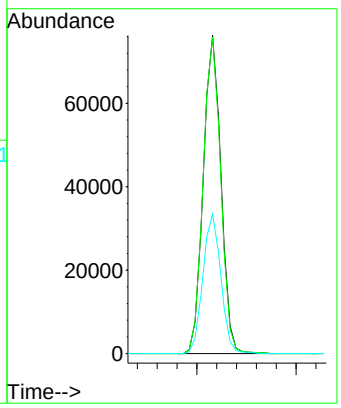


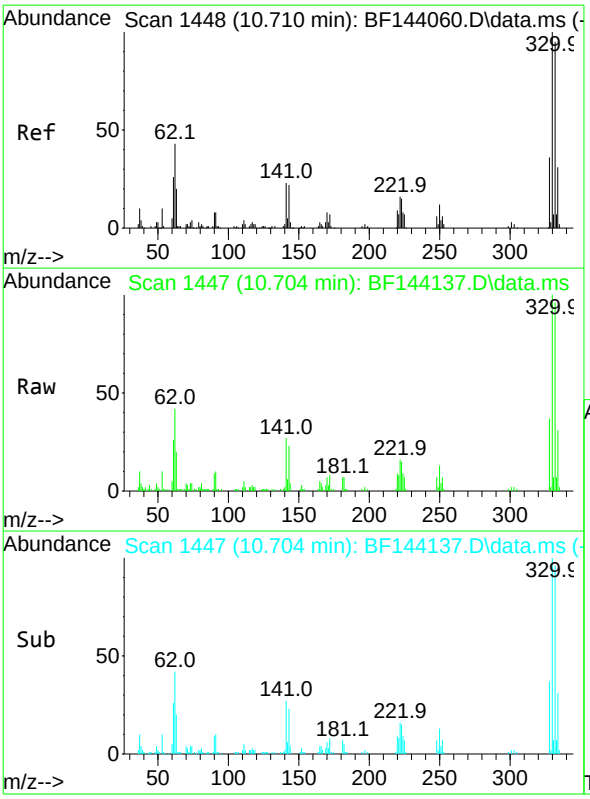


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Tgt Ion:164 Resp: 94459

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.4	119.2
160	43.8	36.7	55.1



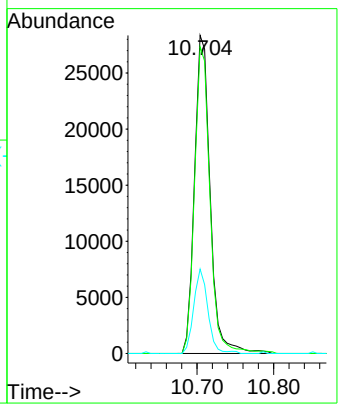


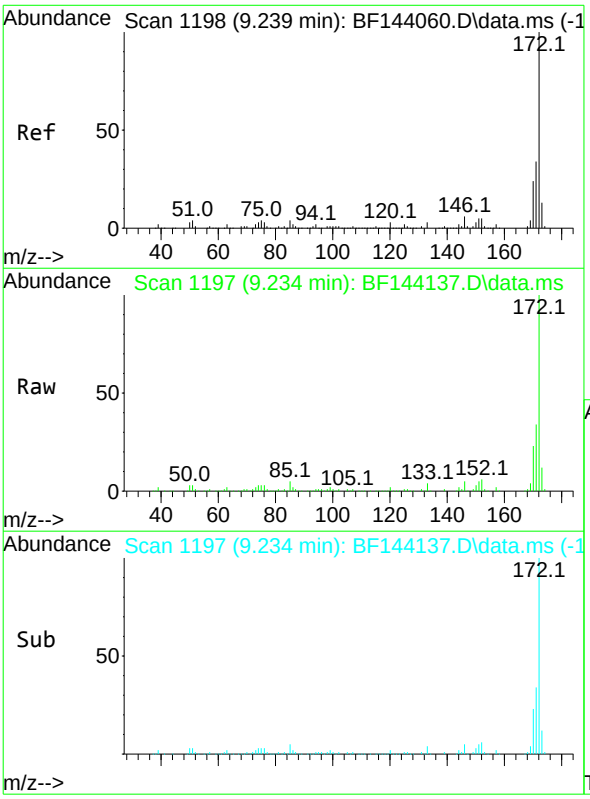
#42
2,4,6-Tribromophenol
Concen: 33.470 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Instrument :
BNA_F
ClientSampleId :
OR-02-102825

Tgt Ion:330 Resp: 40272

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	24.0	19.4	29.0

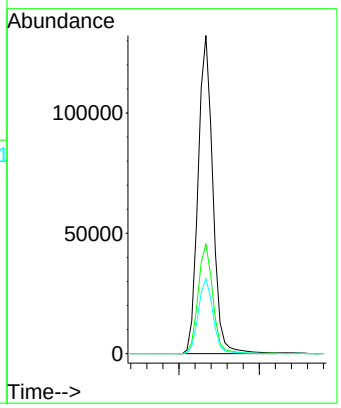


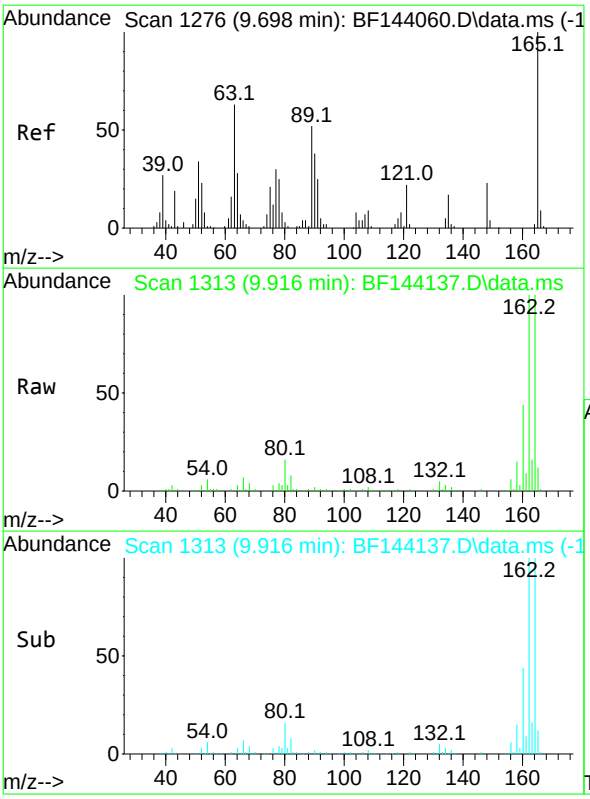


#45
2-Fluorobiphenyl
Concen: 25.078 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Tgt Ion:172 Resp: 168337

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.5	41.3
170	23.5	19.0	28.6



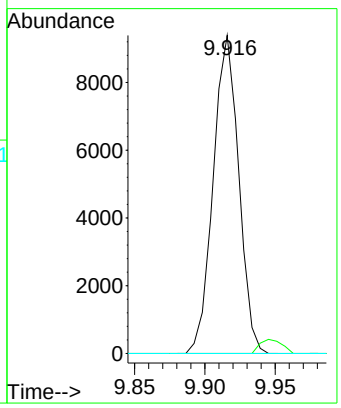


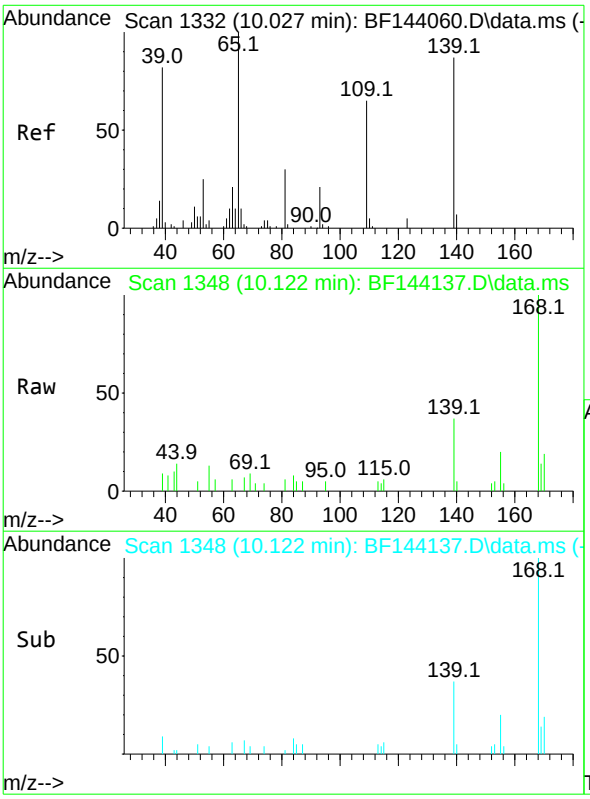
#51
2,6-Dinitrotoluene
Concen: 9.687 ng
RT: 9.916 min Scan# 13
Delta R.T. 0.218 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Instrument :
BNA_F
ClientSampleId :
OR-02-102825

Tgt Ion:165 Resp: 11857

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.4	75.6#
89	0.0	41.4	62.2#

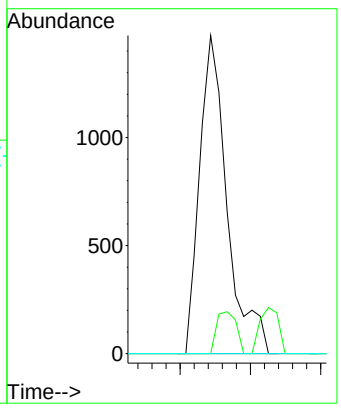


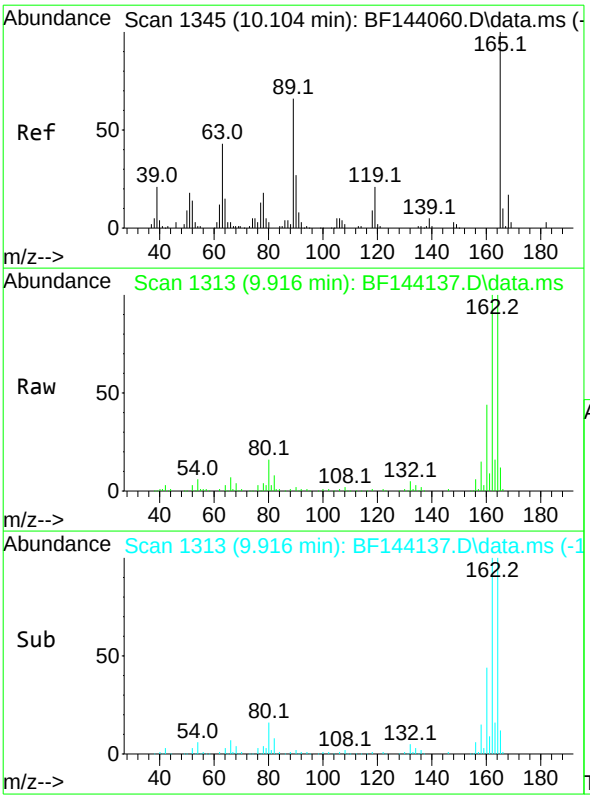


#56
4-Nitrophenol
Concen: 2.172 ng
RT: 10.122 min Scan# 1348
Delta R.T. 0.094 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Tgt Ion:139 Resp: 2002

Ion	Ratio	Lower	Upper
139	100		
109	0.0	53.8	93.8#
65	0.0	95.9	135.9#



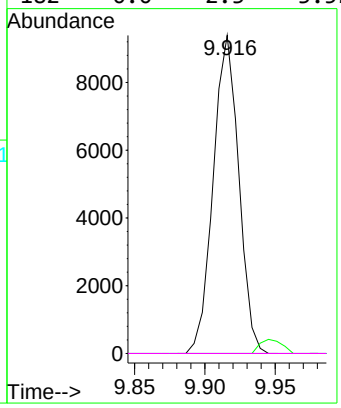


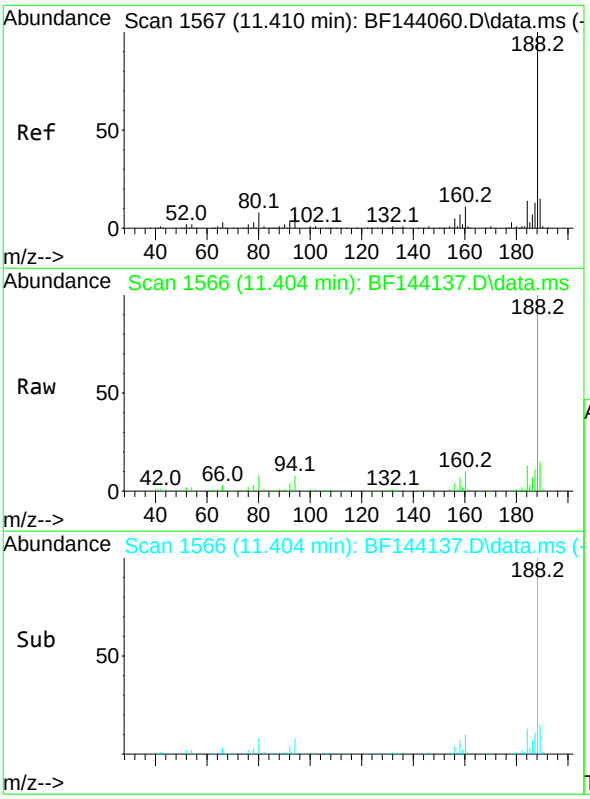
#57
2,4-Dinitrotoluene
Concen: 7.177 ng
RT: 9.916 min Scan# 13
Delta R.T. -0.188 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Instrument :
BNA_F
ClientSampleId :
OR-02-102825

Tgt Ion:165 Resp: 11857

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.4	53.2#
89	0.0	52.7	79.1#
182	0.0	2.3	3.5#

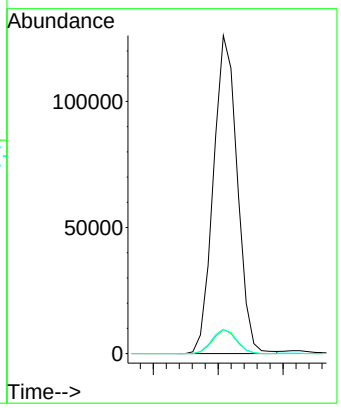


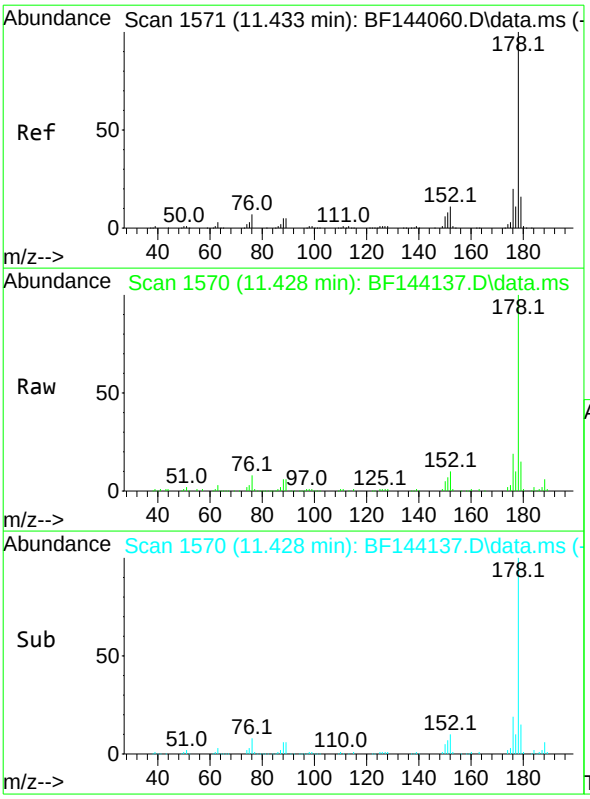


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Tgt Ion:188 Resp: 161483

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.4	8.0
80	7.7	6.0	9.0



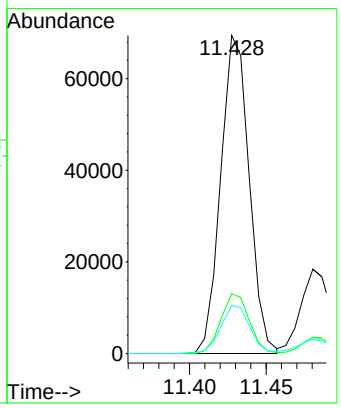


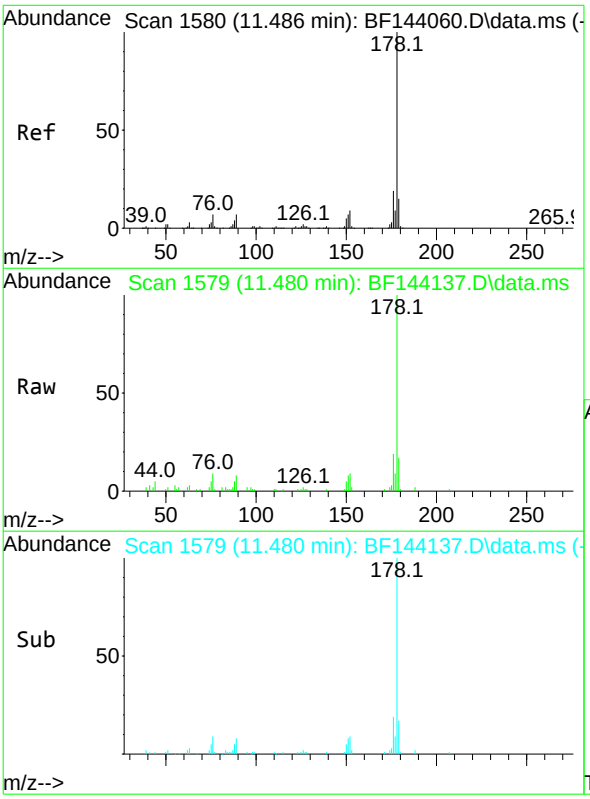
#71
Phenanthrene
Concen: 11.149 ng
RT: 11.428 min Scan# 15
Delta R.T. -0.006 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Instrument :
BNA_F
ClientSampleId :
OR-02-102825

Tgt Ion:178 Resp: 89431

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.3	24.5
179	15.1	12.6	18.8

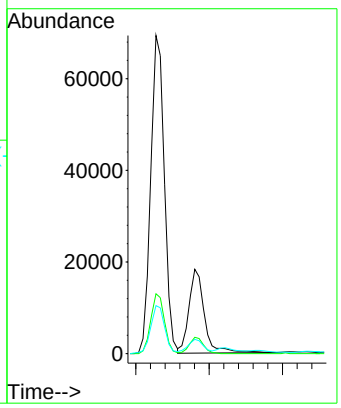


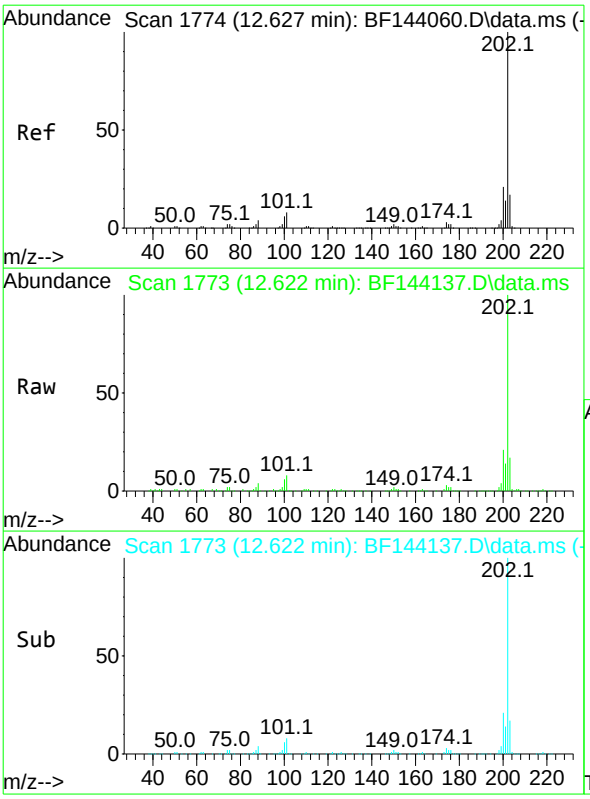


#72
Anthracene
Concen: 3.225 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Tgt Ion:178 Resp: 26722

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	16.9	11.8	17.6



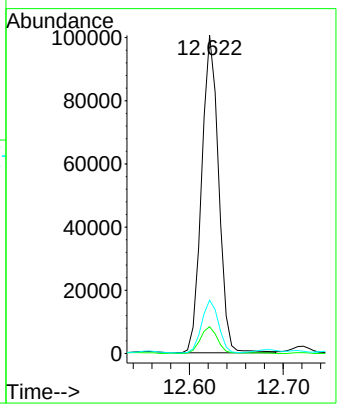


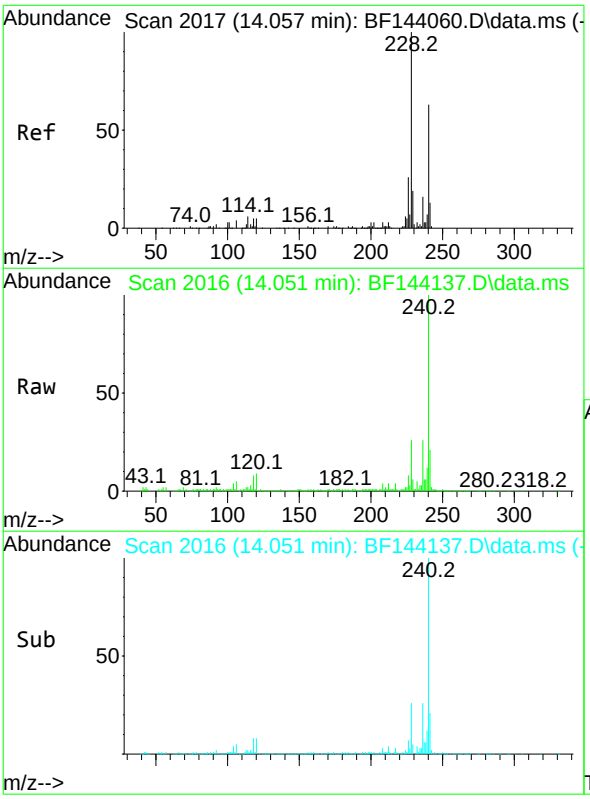
#75
Fluoranthene
Concen: 14.301 ng
RT: 12.622 min Scan# 17
Delta R.T. -0.006 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Instrument :
BNA_F
ClientSampleId :
OR-02-102825

Tgt Ion:202 Resp: 126746

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	27.7
203	16.8	0.0	37.3

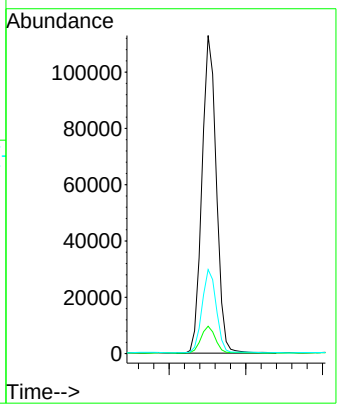


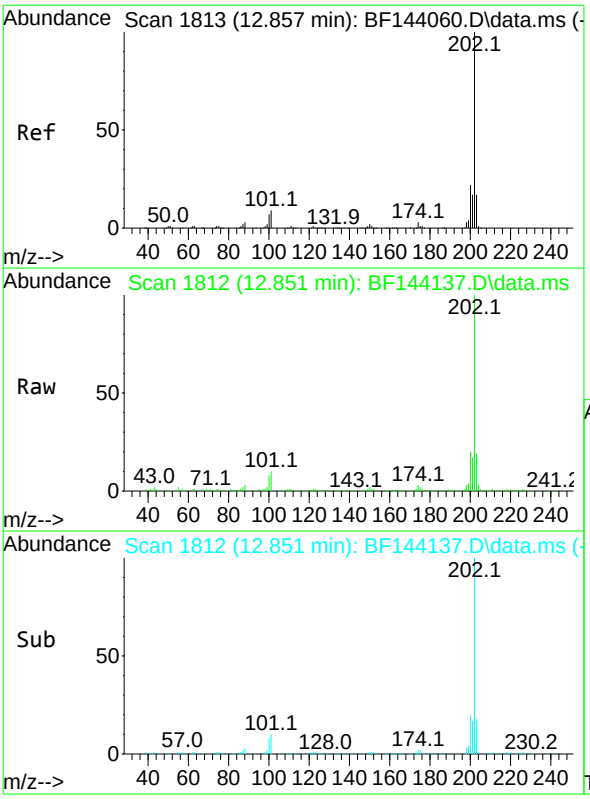


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Tgt Ion:240 Resp: 146720

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.5	9.7
236	26.4	20.1	30.1



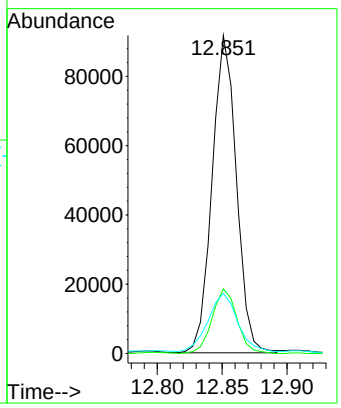


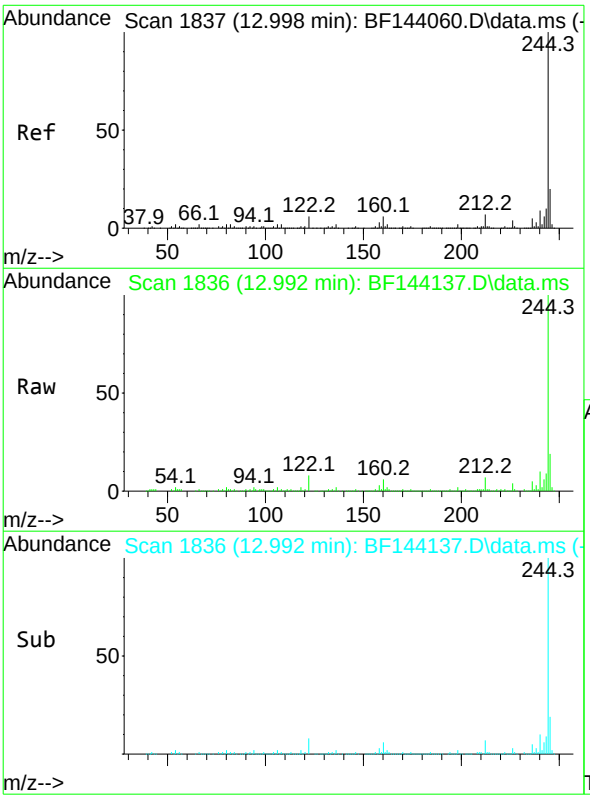
#78
Pyrene
Concen: 11.306 ng
RT: 12.851 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Instrument :
BNA_F
ClientSampleId :
OR-02-102825

Tgt Ion:202 Resp: 119262

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.2	25.8
203	18.9	13.5	20.3

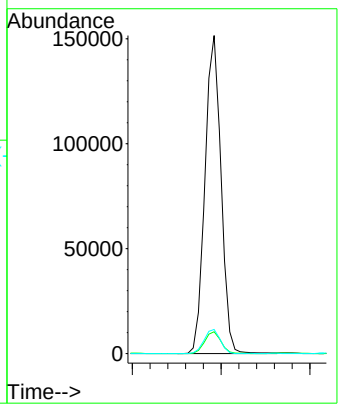


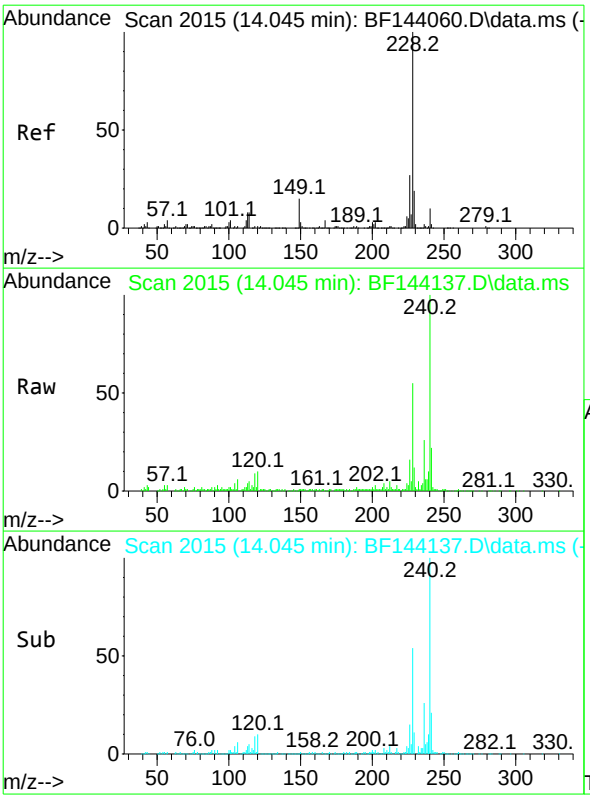


#79
Terphenyl-d14
Concen: 22.691 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Tgt Ion:244 Resp: 190438

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	7.6	4.9	7.3#



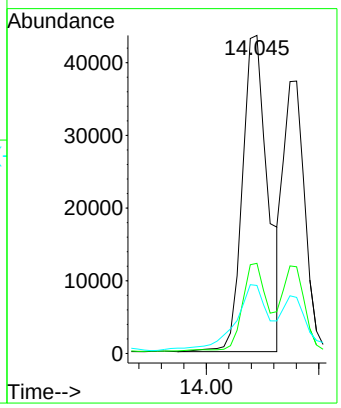


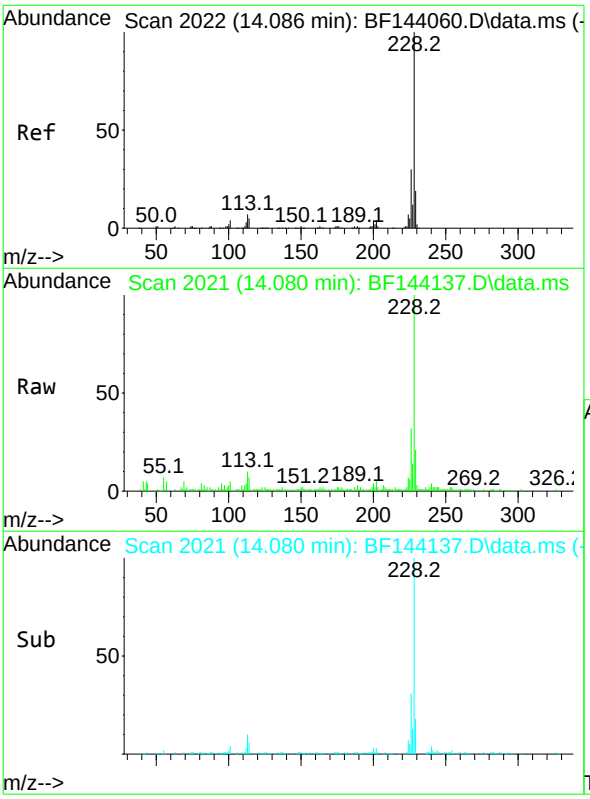
#81
Benzo(a)anthracene
Concen: 6.877 ng
RT: 14.045 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Instrument :
BNA_F
ClientSampleId :
OR-02-102825

Tgt Ion:228 Resp: 68187

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.4	32.2
229	21.4	15.3	22.9

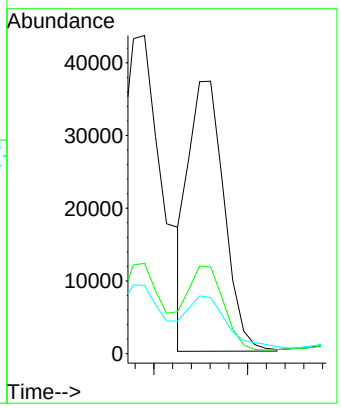


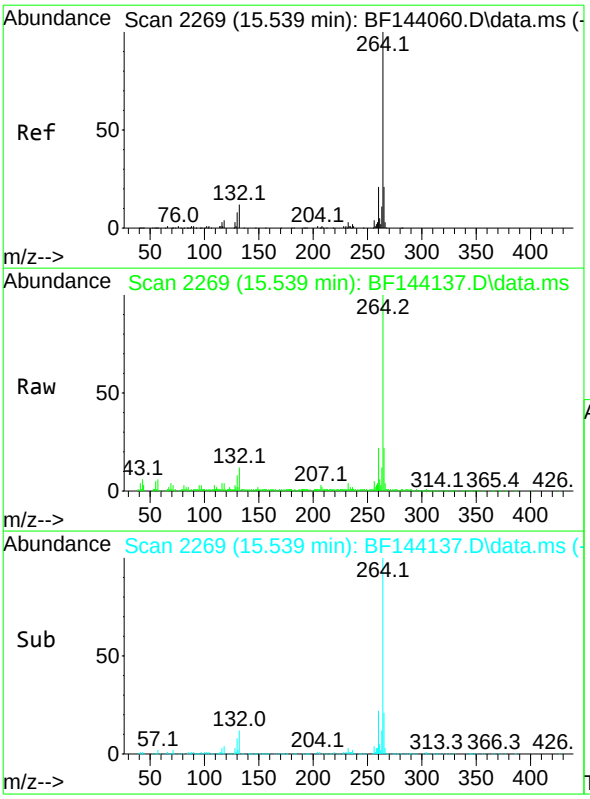


#83
Chrysene
Concen: 5.263 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Tgt Ion:228 Resp: 48974

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.8	35.6
229	20.6	15.6	23.4



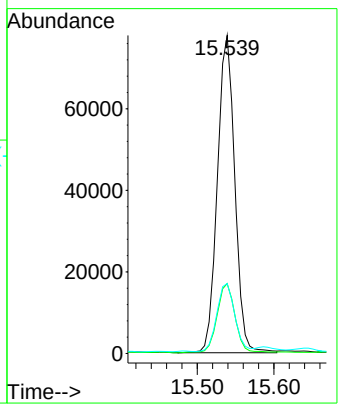


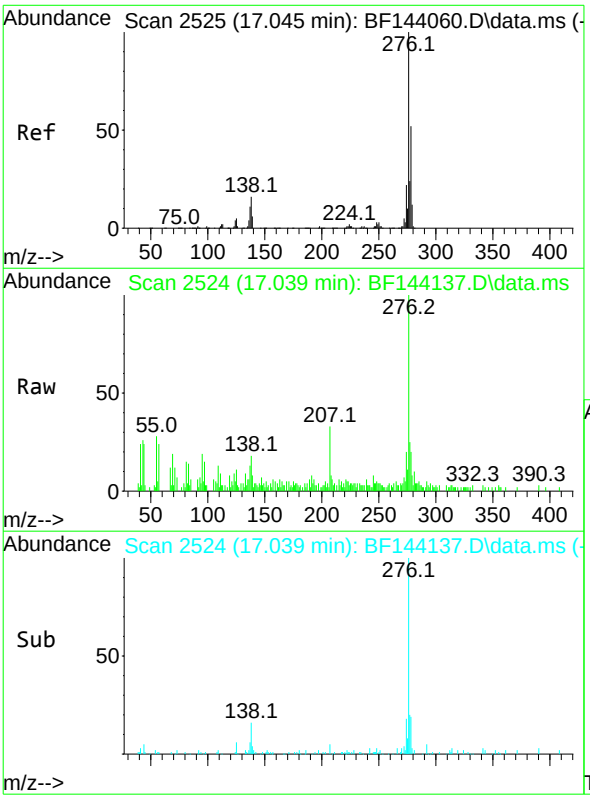
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 22
Delta R.T. 0.000 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Instrument :
BNA_F
ClientSampleId :
OR-02-102825

Tgt Ion:264 Resp: 122941

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.0	25.4
265	22.0	16.6	24.8

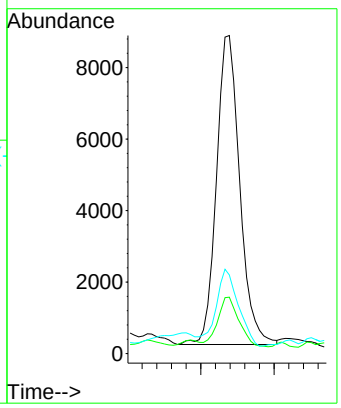


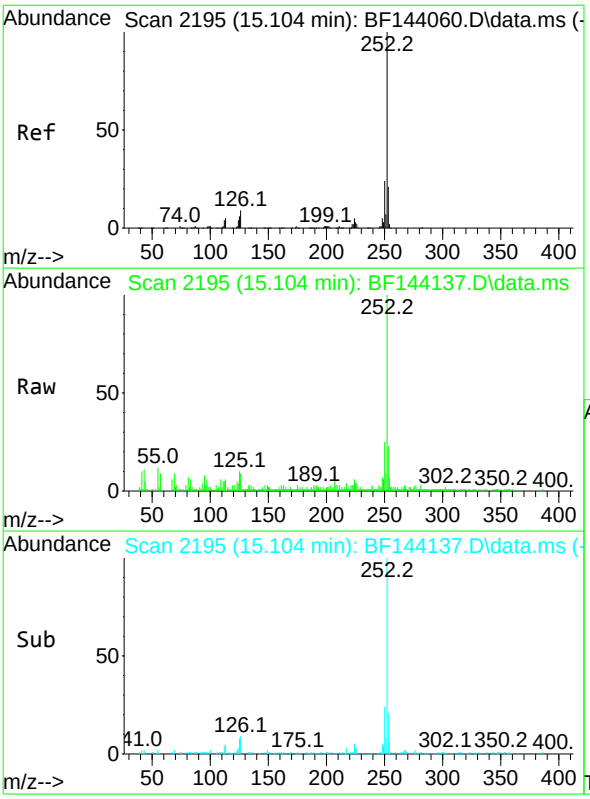


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.261 ng
RT: 17.039 min Scan# 2524
Delta R.T. -0.006 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Tgt Ion:276 Resp: 19082

Ion	Ratio	Lower	Upper
276	100		
138	14.6	13.0	19.6
277	23.6	19.4	29.0



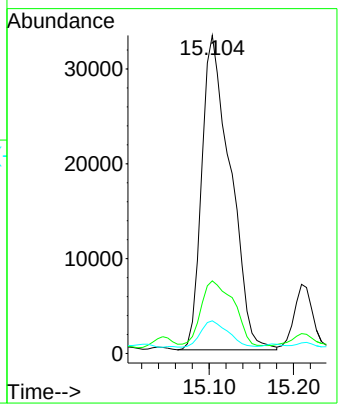


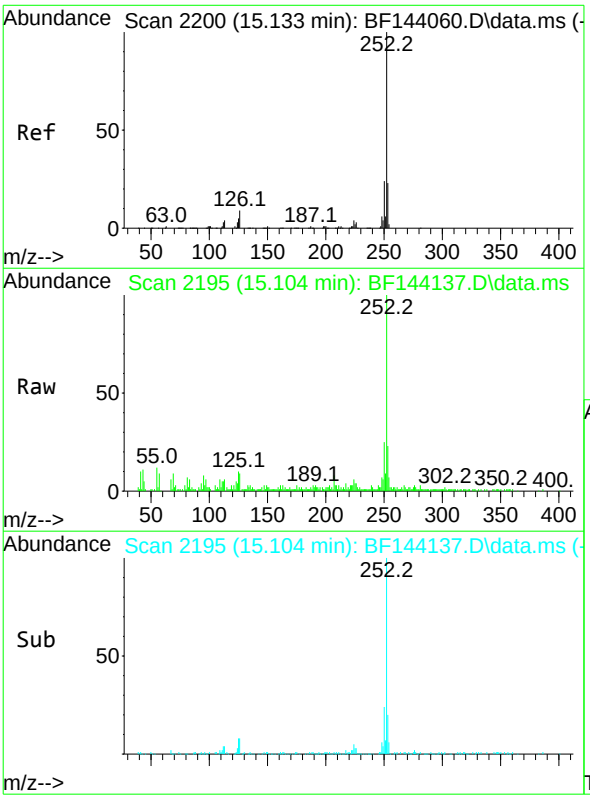
#88
Benzo(b)fluoranthene
Concen: 11.252 ng
RT: 15.104 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Instrument :
BNA_F
ClientSampleId :
OR-02-102825

Tgt Ion:252 Resp: 78207

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	10.3	5.0	7.6#

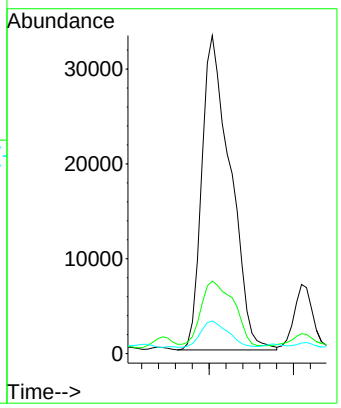


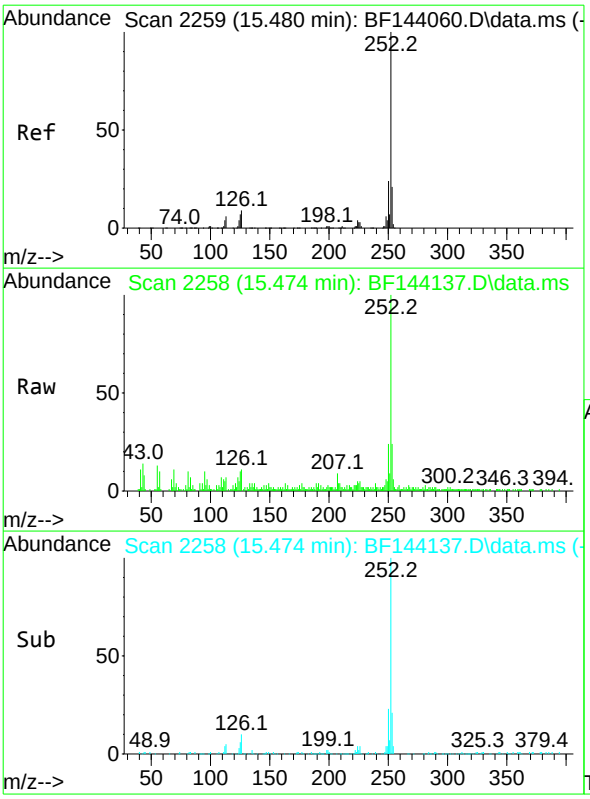


#89
Benzo(k)fluoranthene
Concen: 12.196 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.029 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Tgt Ion:252 Resp: 78207

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	10.3	4.9	7.3#



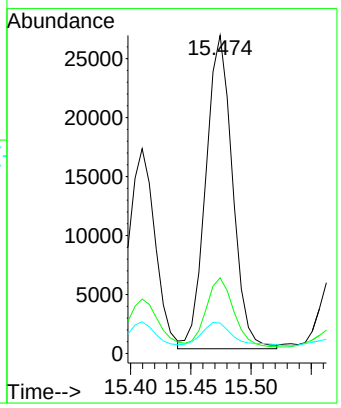


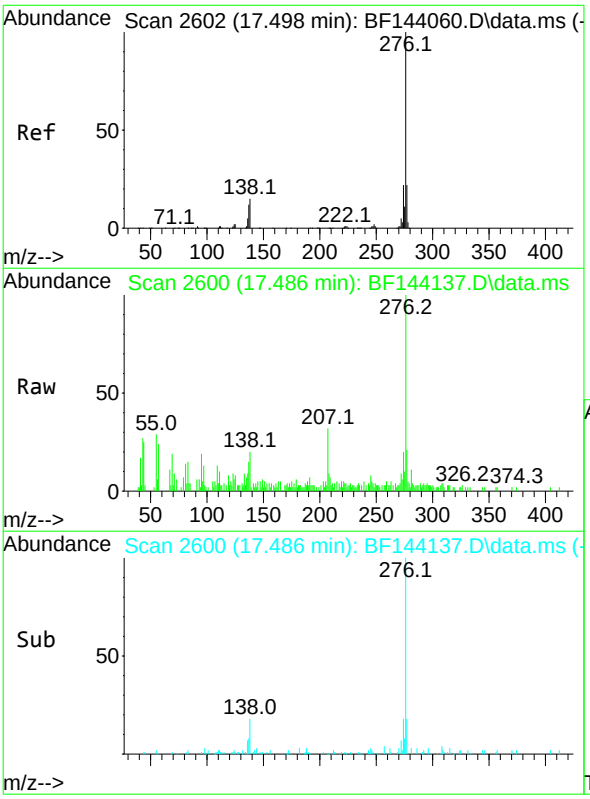
#90
Benzo(a)pyrene
Concen: 6.575 ng
RT: 15.474 min Scan# 22
Delta R.T. -0.006 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Instrument :
BNA_F
ClientSampleId :
OR-02-102825

Tgt Ion:252 Resp: 40997

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	9.6	5.4	8.2#





#92
Benzo(g,h,i)perylene
Concen: 2.640 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.012 min
Lab File: BF144137.D
Acq: 29 Oct 2025 19:30

Tgt Ion:276 Resp: 17734

Ion	Ratio	Lower	Upper
276	100		
277	20.8	17.9	26.9
138	19.6	12.0	18.0#