Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103025\
Data File : BF144157.D
Acq On : 30 Oct 2025 23:38
Operator : RC/JU
Sample : Q3485-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-102924

Quant Time: Oct 31 01:03:55 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	51214	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	161846	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	81720	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	163370	20.000	ng	0.00
76) Chrysene-d12	14.057	240	185367	20.000	ng	0.00
86) Perylene-d12	15.539	264	139638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	54559	16.854	ng	0.00
7) Phenol-d6	6.504	99	56430	15.785	ng	0.00
23) Nitrobenzene-d5	7.440	82	35078	11.874	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	18720	17.983	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	78397	13.500	ng	0.00
79) Terphenyl-d14	12.992	244	118960	11.219	ng	0.00
Target Compounds						Qvalue
35) Caprolactam	8.575	113	1919	2.979	ng	# 1
71) Phenanthrene	11.433	178	43502	5.360	ng	98
72) Anthracene	11.433	178	43502	5.189	ng	97
75) Fluoranthene	12.622	202	78001	8.700	ng	99
78) Pyrene	12.851	202	69969	5.250	ng	97
81) Benzo(a)anthracene	14.045	228	38160	3.046	ng	# 92
83) Chrysene	14.080	228	33125	2.818	ng	# 95
88) Benzo(b)fluoranthene	15.104	252	42138	5.338	ng	# 85
89) Benzo(k)fluoranthene	15.104	252	42138	5.785	ng	# 85
90) Benzo(a)pyrene	15.480	252	19891	2.809	ng	# 89

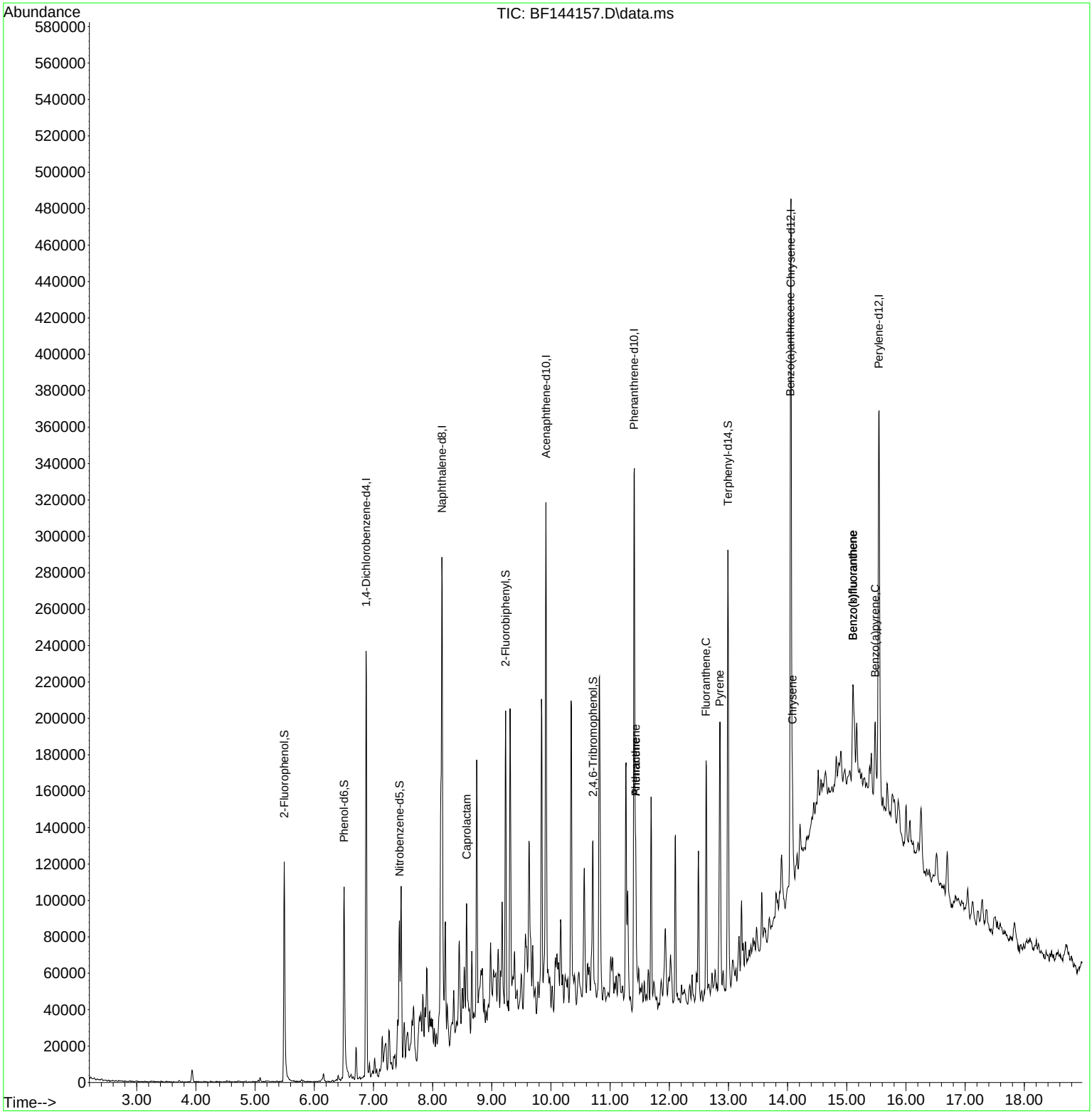
(#) = qualifier out of range (m) = manual integration (+) = signals summed

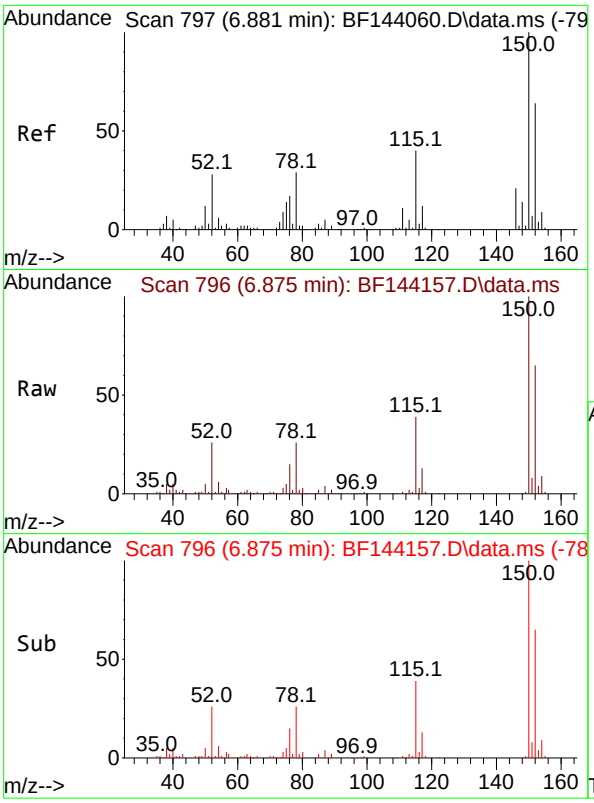
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103025\
Data File : BF144157.D
Acq On : 30 Oct 2025 23:38
Operator : RC/JU
Sample : Q3485-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-102924

Quant Time: Oct 31 01:03:55 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



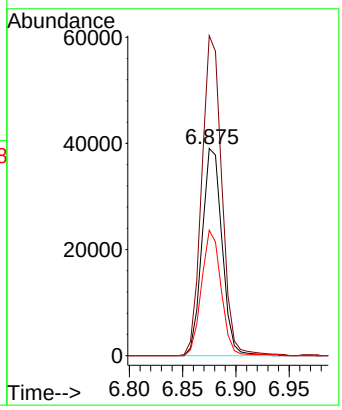


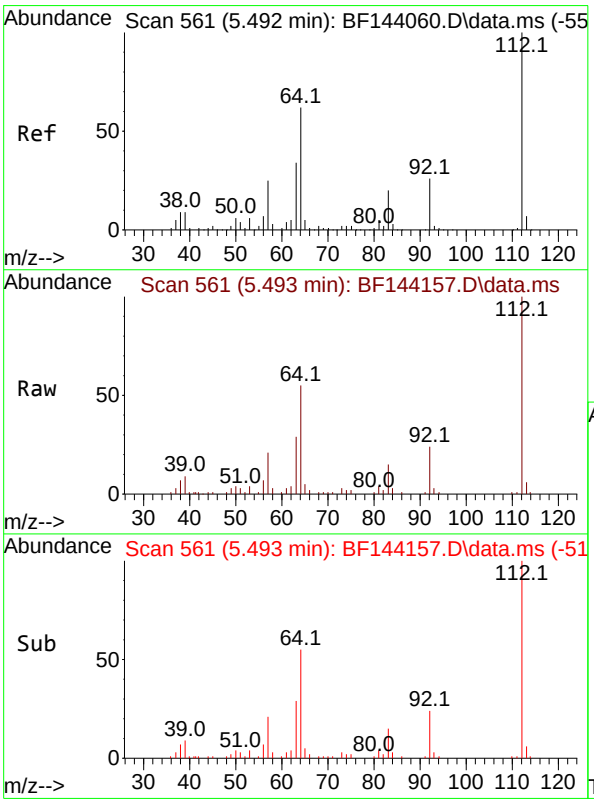
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144157.D
Acq: 30 Oct 2025 23:38

Instrument :
BNA_F
ClientSampleId :
TR-04-102924

Tgt Ion:152 Resp: 51214

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.4	186.6
115	60.5	49.4	74.0

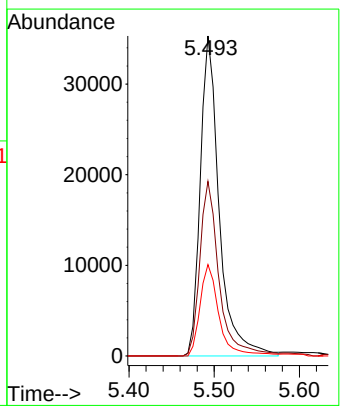


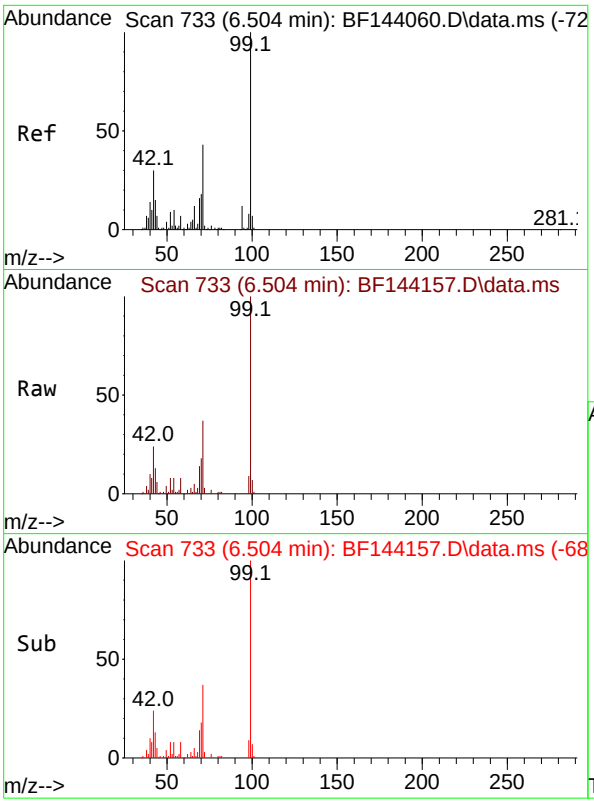


#5
2-Fluorophenol
Concen: 16.854 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144157.D
Acq: 30 Oct 2025 23:38

Tgt Ion:112 Resp: 54559

Ion	Ratio	Lower	Upper
112	100		
64	54.6	49.8	74.8
63	28.5	27.4	41.2



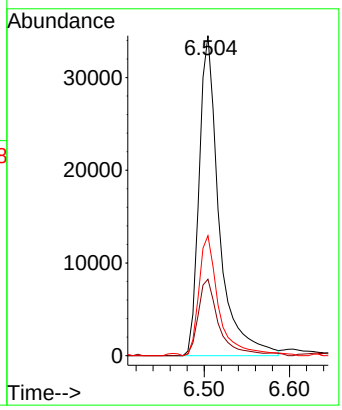


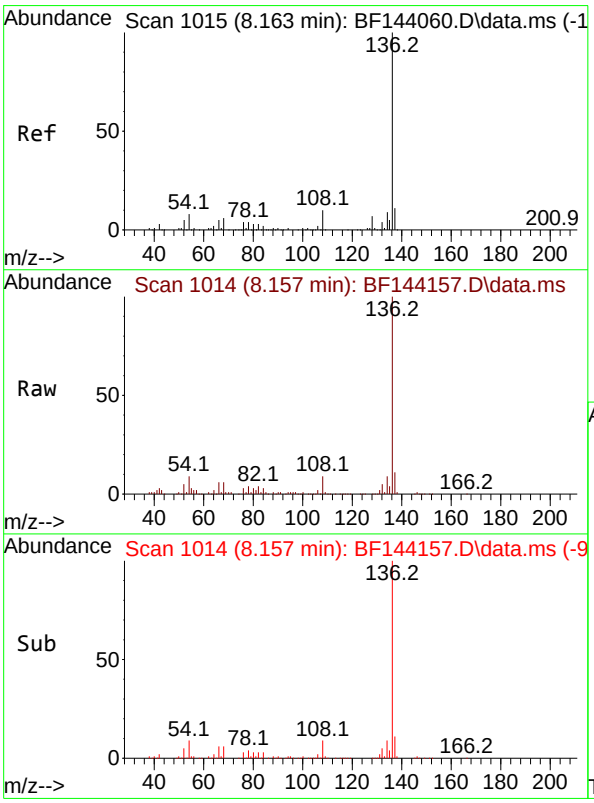
#7
Phenol-d6
Concen: 15.785 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF144157.D
Acq: 30 Oct 2025 23:38

Instrument :
BNA_F
ClientSampleId :
TR-04-102924

Tgt Ion: 99 Resp: 56430

Ion	Ratio	Lower	Upper
99	100		
42	23.9	23.9	35.9
71	37.5	34.4	51.6

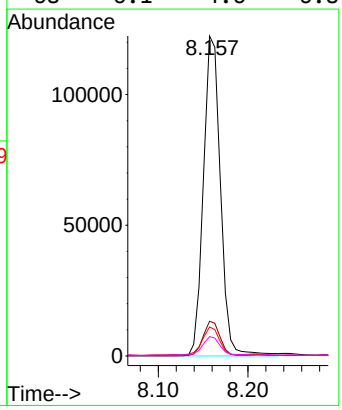


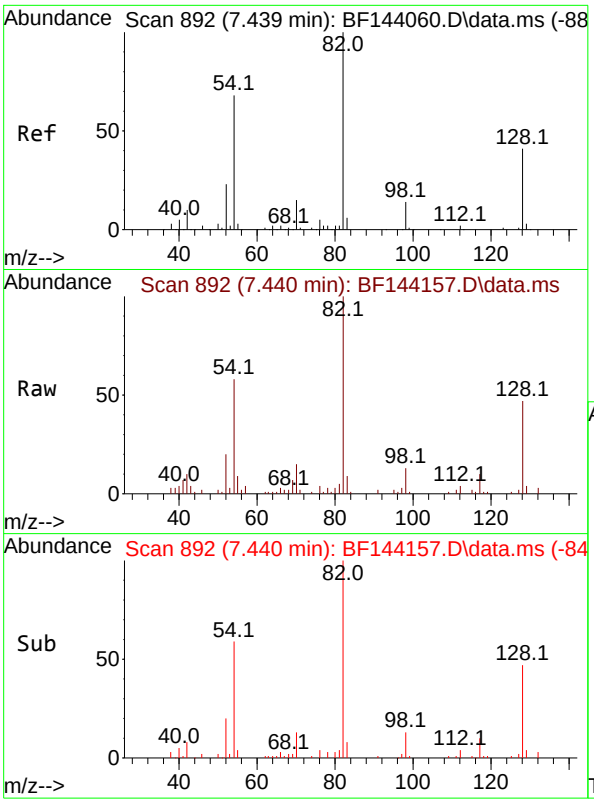


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144157.D
Acq: 30 Oct 2025 23:38

Tgt Ion:136 Resp: 161846

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.1	6.6	9.8
68	6.1	4.6	6.8



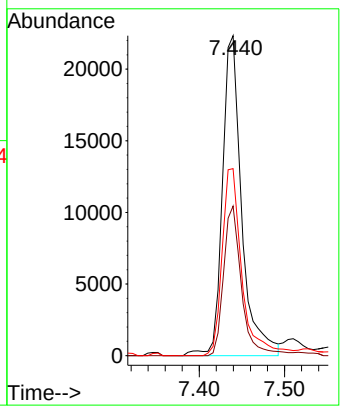


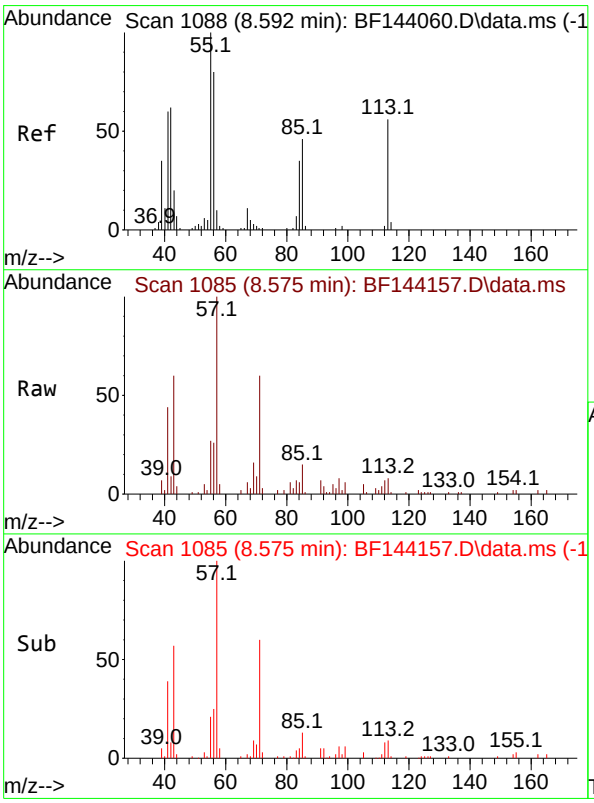
#23
Nitrobenzene-d5
Concen: 11.874 ng
RT: 7.440 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF144157.D
Acq: 30 Oct 2025 23:38

Instrument :
BNA_F
ClientSampleId :
TR-04-102924

Tgt Ion: 82 Resp: 35078

Ion	Ratio	Lower	Upper
82	100		
128	46.7	32.4	48.6
54	58.5	54.0	81.0

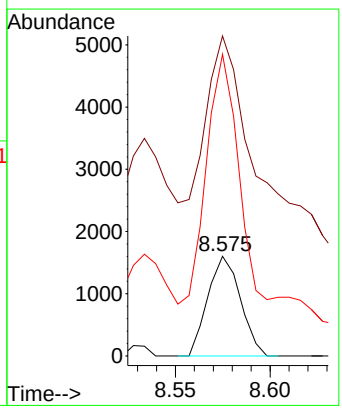


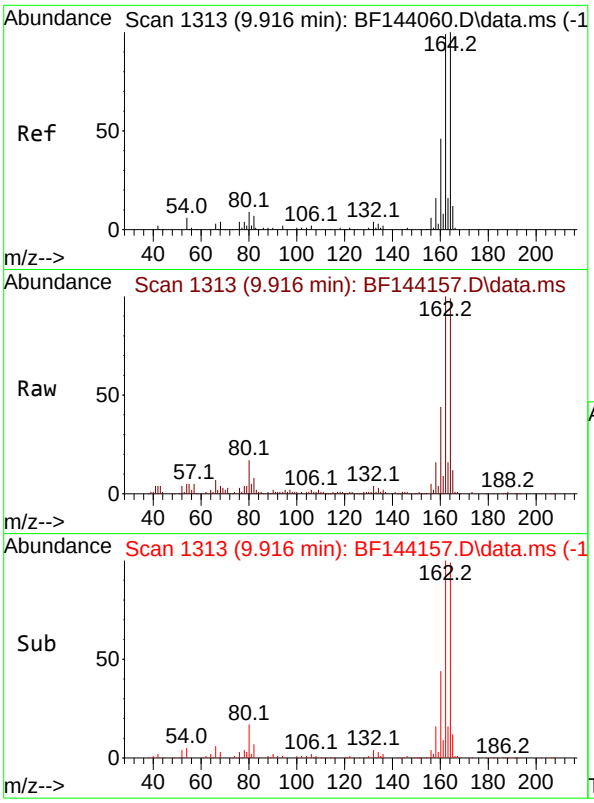


#35
Caprolactam
Concen: 2.979 ng
RT: 8.575 min Scan# 1085
Delta R.T. -0.017 min
Lab File: BF144157.D
Acq: 30 Oct 2025 23:38

Tgt Ion:113 Resp: 1919

Ion	Ratio	Lower	Upper
113	100		
55	321.0	160.1	200.1#
56	302.6	124.9	164.9#



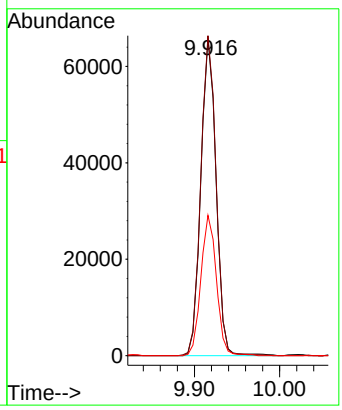


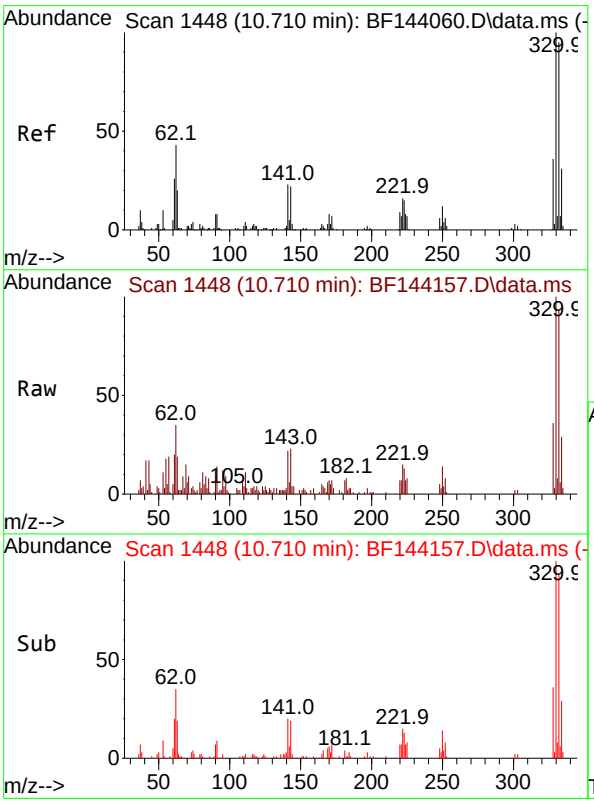
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144157.D
Acq: 30 Oct 2025 23:38

Instrument :
BNA_F
ClientSampleId :
TR-04-102924

Tgt Ion:164 Resp: 81720

Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.4	119.2
160	44.3	36.7	55.1

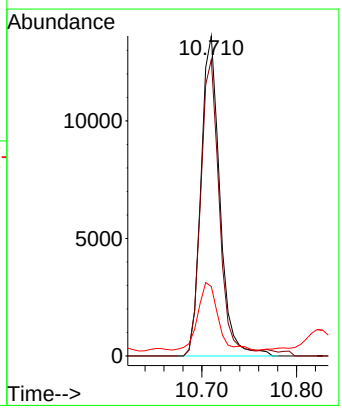


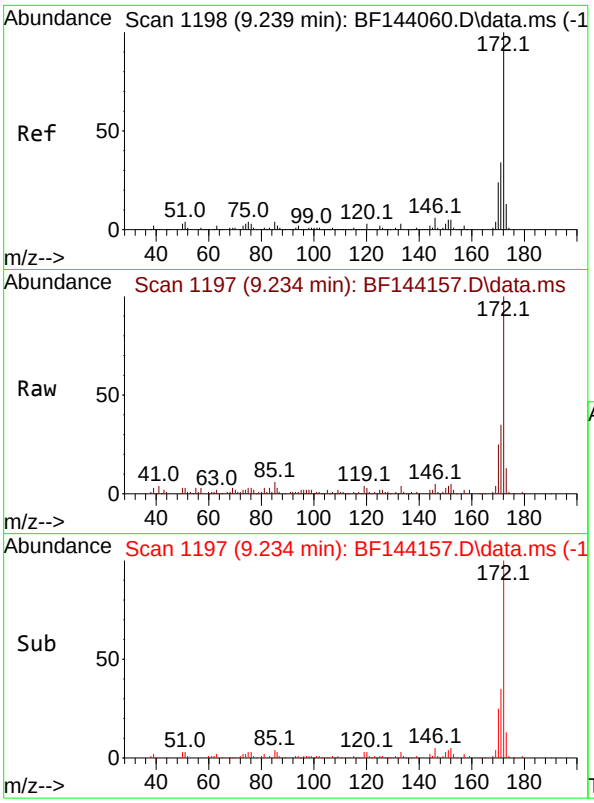


#42
2,4,6-Tribromophenol
Concen: 17.983 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144157.D
Acq: 30 Oct 2025 23:38

Tgt Ion:330 Resp: 18720

Ion	Ratio	Lower	Upper
330	100		
332	91.3	77.0	115.6
141	22.6	19.4	29.0



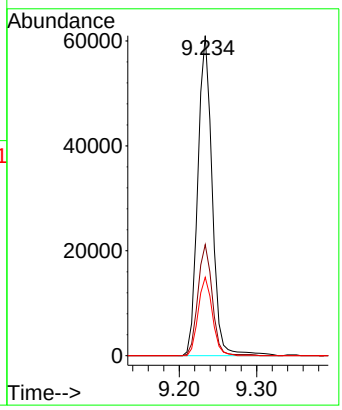


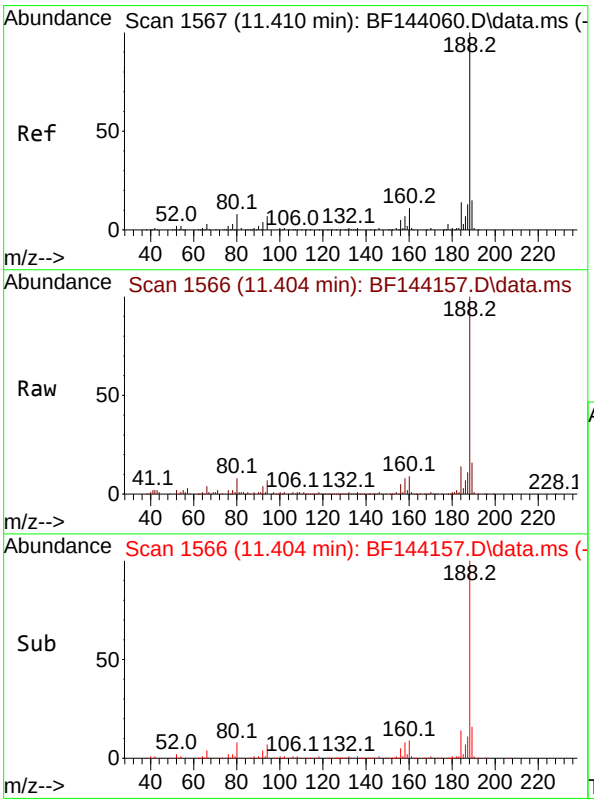
#45
2-Fluorobiphenyl
Concen: 13.500 ng
RT: 9.234 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144157.D
Acq: 30 Oct 2025 23:38

Instrument :
BNA_F
ClientSampleId :
TR-04-102924

Tgt Ion:172 Resp: 78397

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.5	41.3
170	24.5	19.0	28.6

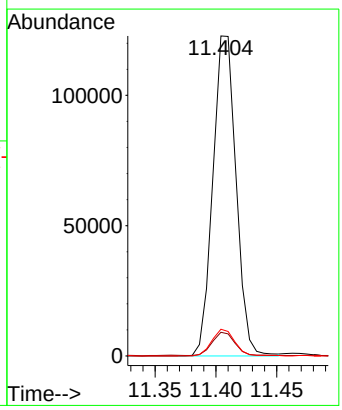


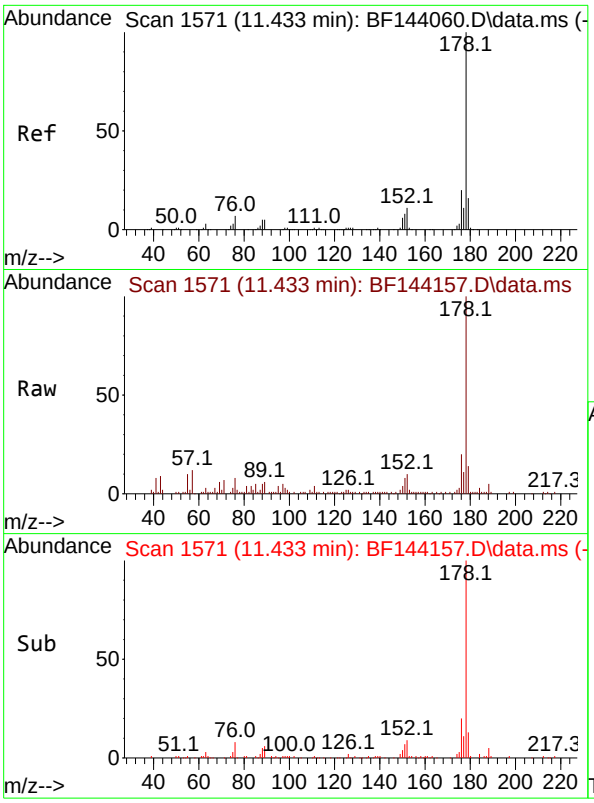


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144157.D
Acq: 30 Oct 2025 23:38

Tgt Ion:188 Resp: 163370

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.4	8.0
80	8.4	6.0	9.0



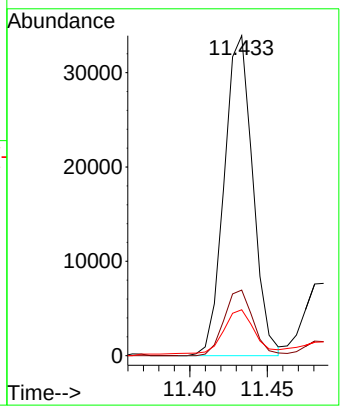


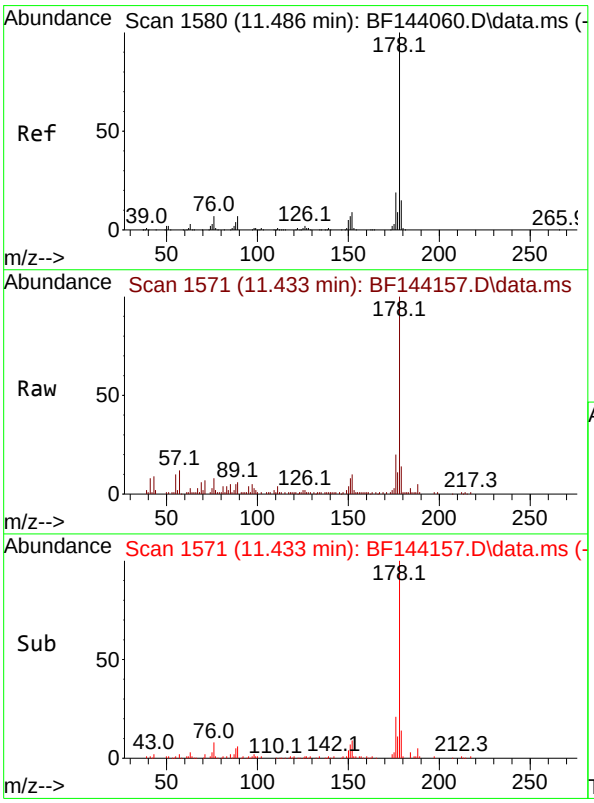
#71
Phenanthrene
Concen: 5.360 ng
RT: 11.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144157.D
Acq: 30 Oct 2025 23:38

Instrument :
BNA_F
ClientSampleId :
TR-04-102924

Tgt Ion:178 Resp: 43502

Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.3	24.5
179	14.3	12.6	18.8

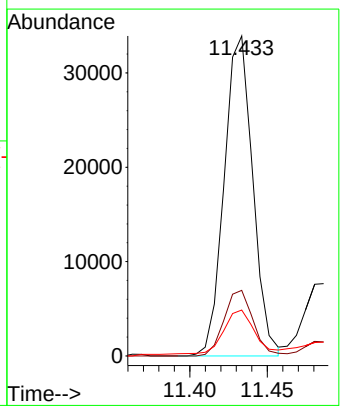


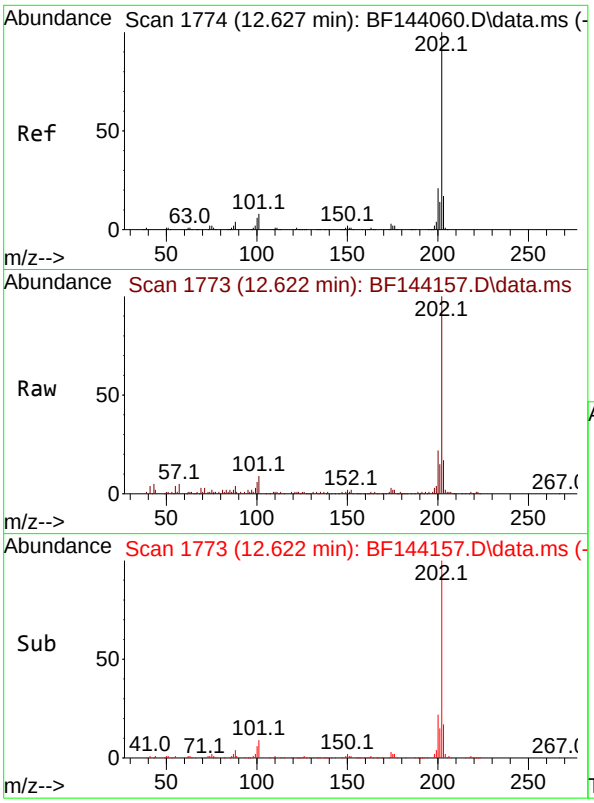


#72
Anthracene
Concen: 5.189 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.053 min
Lab File: BF144157.D
Acq: 30 Oct 2025 23:38

Tgt Ion:178 Resp: 43502

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.0	22.4
179	14.3	11.8	17.6



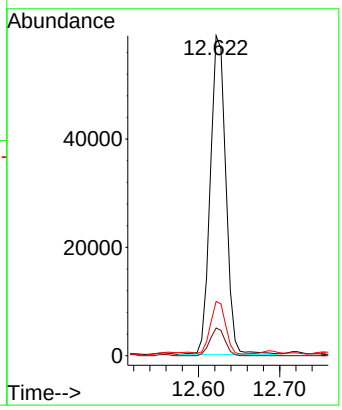


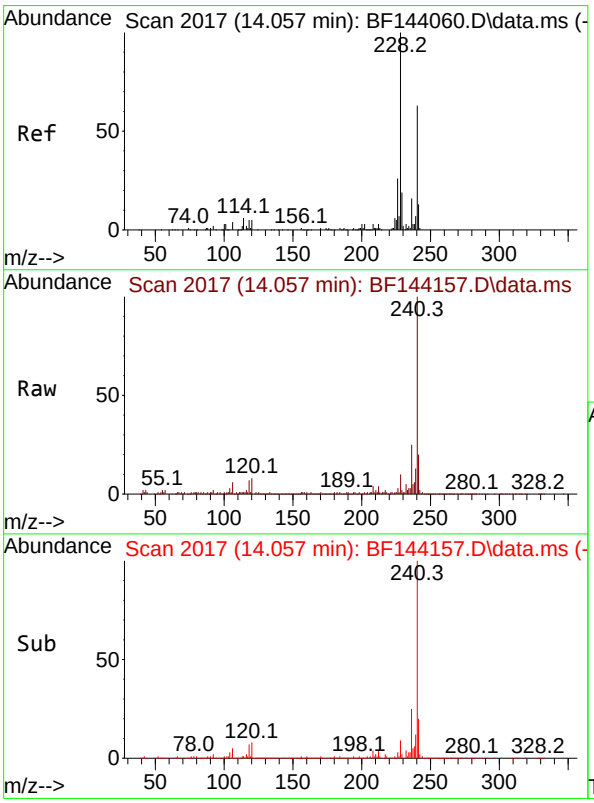
#75
Fluoranthene
Concen: 8.700 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144157.D
Acq: 30 Oct 2025 23:38

Instrument :
BNA_F
ClientSampleId :
TR-04-102924

Tgt Ion:202 Resp: 78001

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	27.7
203	16.9	0.0	37.3

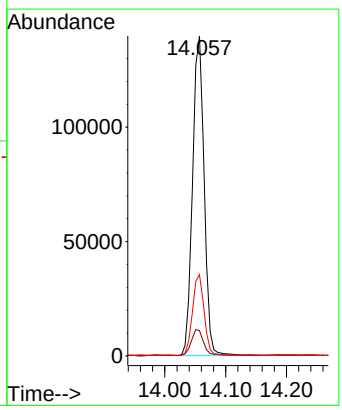


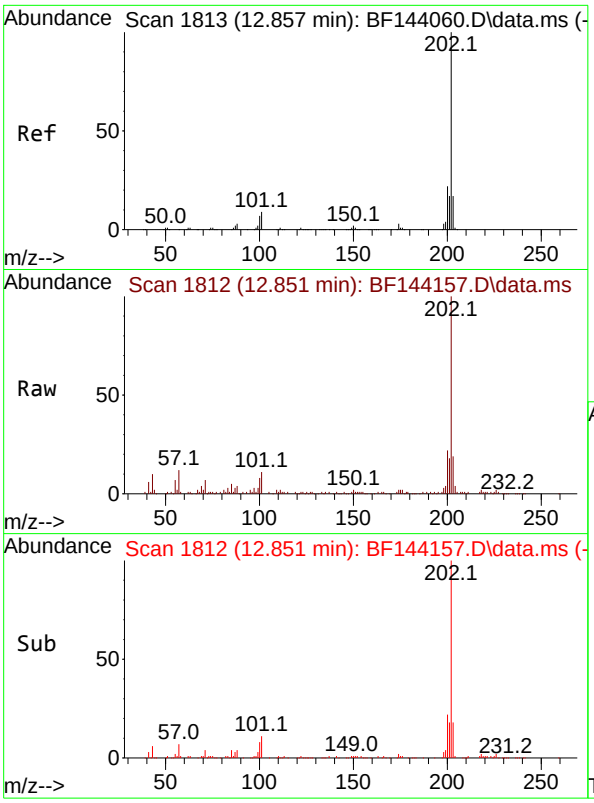


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144157.D
Acq: 30 Oct 2025 23:38

Tgt Ion:240 Resp: 185367

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.5	9.7
236	25.4	20.1	30.1



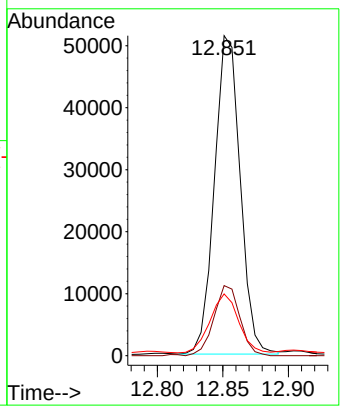


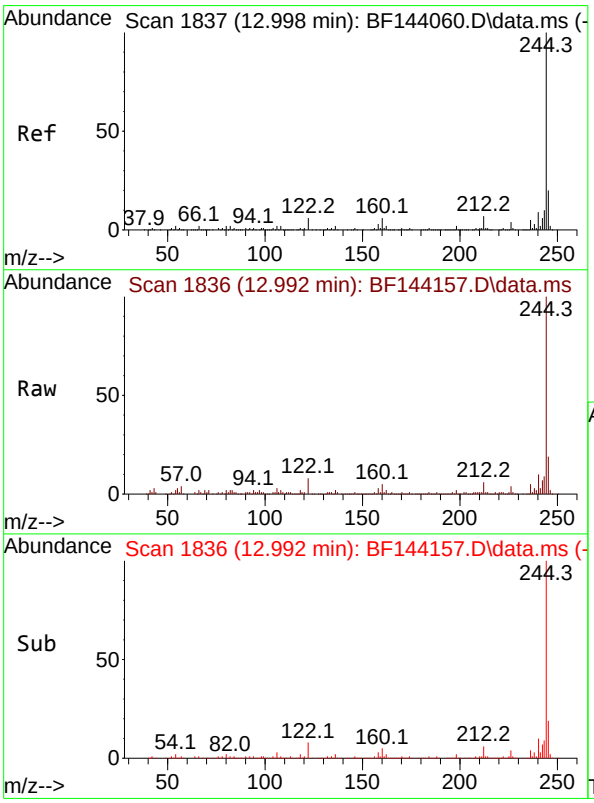
#78
Pyrene
Concen: 5.250 ng
RT: 12.851 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144157.D
Acq: 30 Oct 2025 23:38

Instrument :
BNA_F
ClientSampleId :
TR-04-102924

Tgt Ion:202 Resp: 69969

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.2	25.8
203	19.3	13.5	20.3

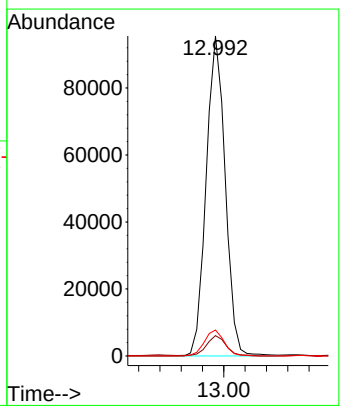


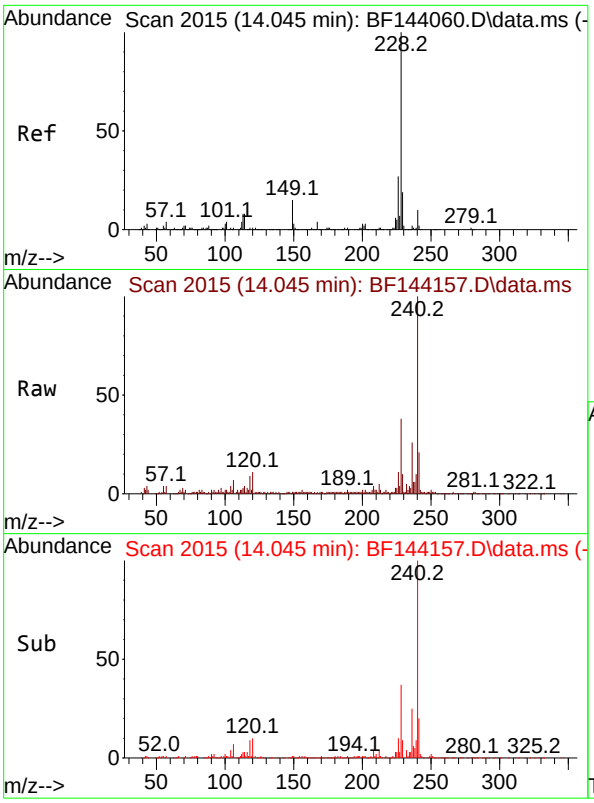


#79
Terphenyl-d14
Concen: 11.219 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF144157.D
Acq: 30 Oct 2025 23:38

Tgt Ion:244 Resp: 118960

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.6
122	8.1	4.9	7.3#



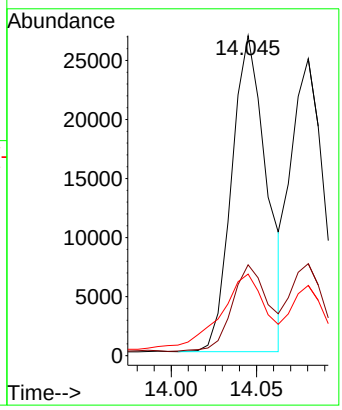


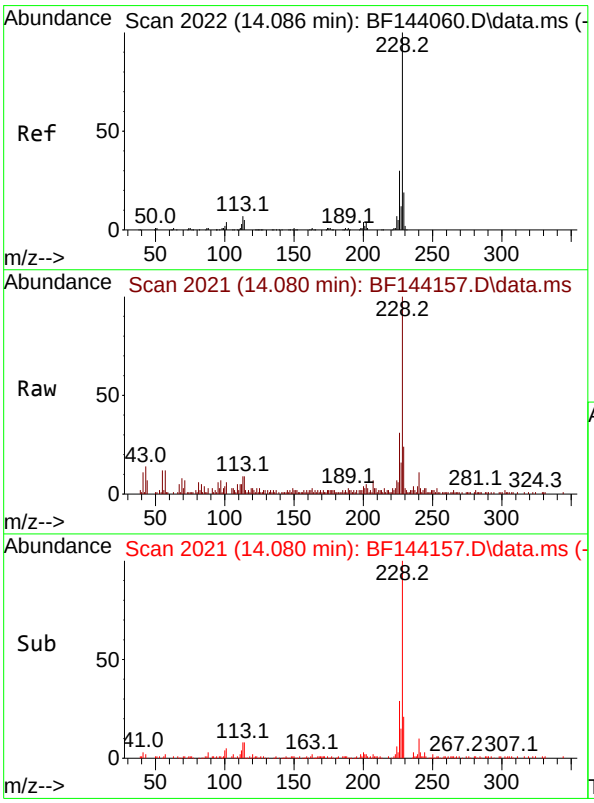
#81
Benzo(a)anthracene
Concen: 3.046 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF144157.D
Acq: 30 Oct 2025 23:38

Instrument :
BNA_F
ClientSampleId :
TR-04-102924

Tgt Ion:228 Resp: 38160

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.4	32.2
229	25.5	15.3	22.9#

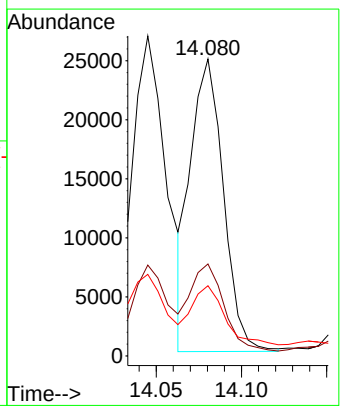


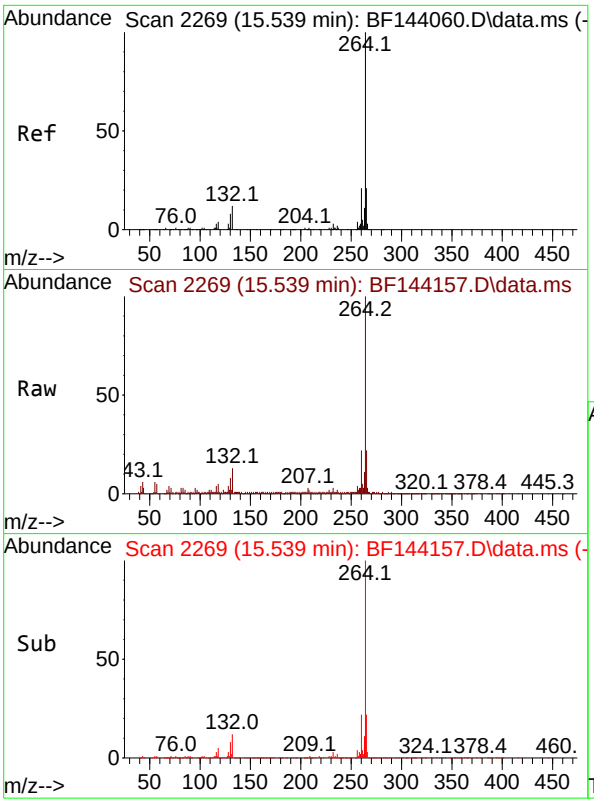


#83
Chrysene
Concen: 2.818 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF144157.D
Acq: 30 Oct 2025 23:38

Tgt Ion:228 Resp: 33125

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.8	35.6
229	23.6	15.6	23.4#



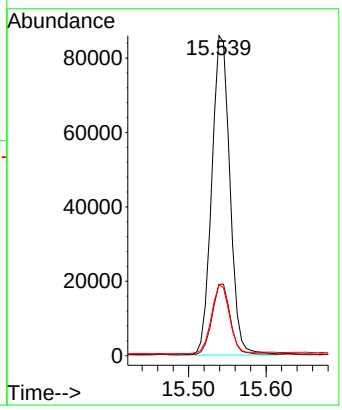


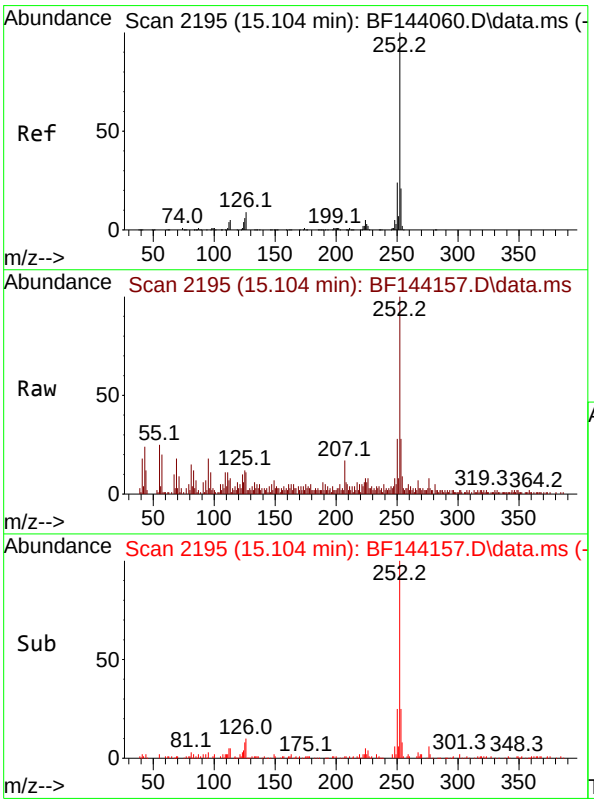
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF144157.D
Acq: 30 Oct 2025 23:38

Instrument :
BNA_F
ClientSampleId :
TR-04-102924

Tgt Ion:264 Resp: 139638

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.0	25.4
265	22.2	16.6	24.8

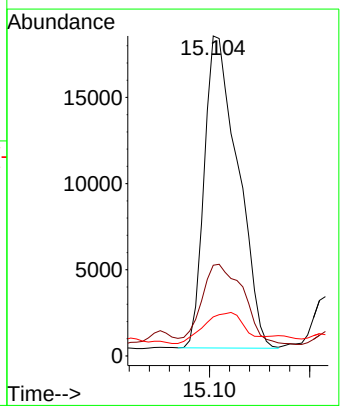


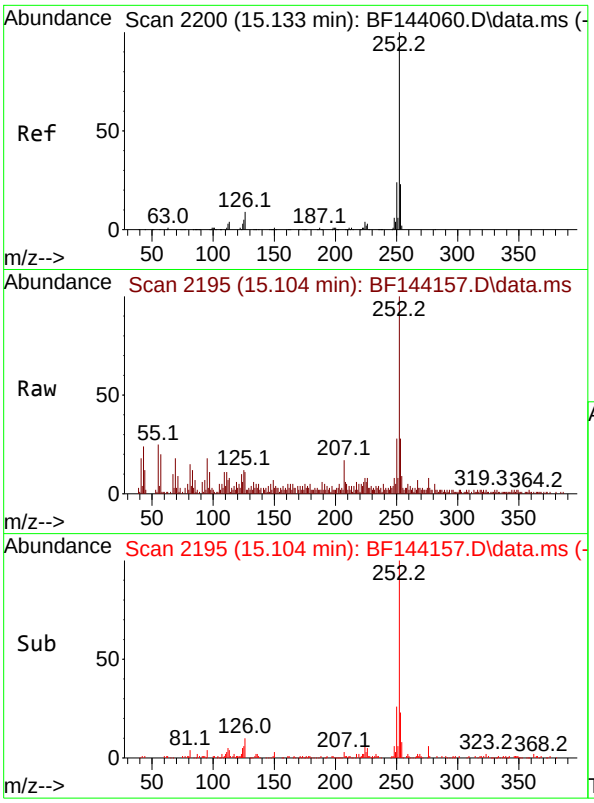


#88
Benzo(b)fluoranthene
Concen: 5.338 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF144157.D
Acq: 30 Oct 2025 23:38

Tgt Ion:252 Resp: 42138

Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.2	25.8#
125	12.2	5.0	7.6#



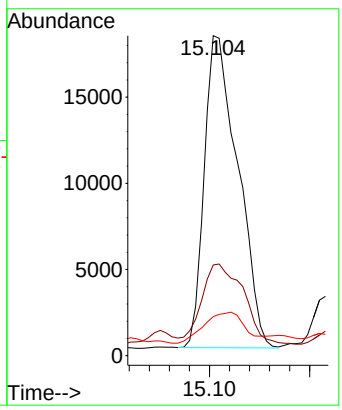


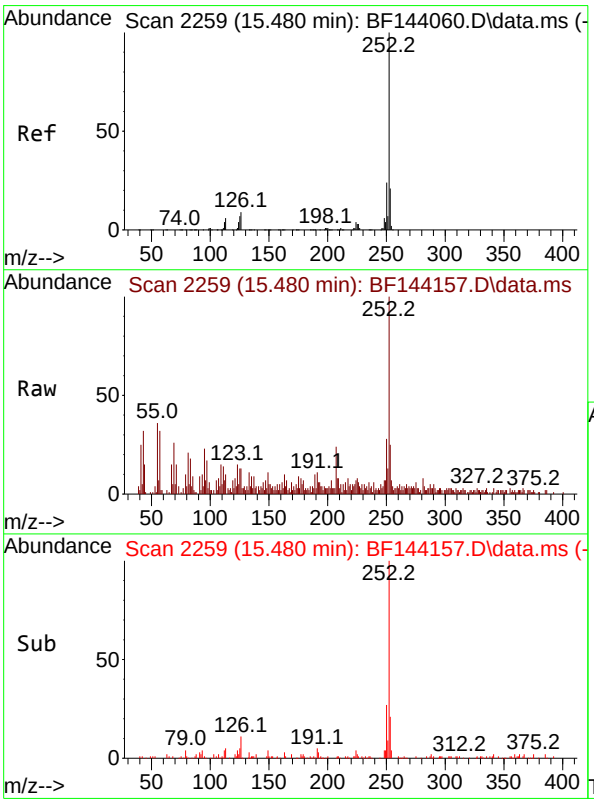
#89
Benzo(k)fluoranthene
Concen: 5.785 ng
RT: 15.104 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF144157.D
Acq: 30 Oct 2025 23:38

Instrument :
BNA_F
ClientSampleId :
TR-04-102924

Tgt Ion:252 Resp: 42138

Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.4	26.2#
125	12.2	4.9	7.3#





#90
Benzo(a)pyrene
Concen: 2.809 ng
RT: 15.480 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BF144157.D
Acq: 30 Oct 2025 23:38

Tgt Ion:252 Resp: 19891

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.1	25.7
125	12.9	5.4	8.2#