Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
Data File : BF144126.D
Acq On : 29 Oct 2025 14:03
Operator : RC/JU
Sample : Q3419-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S16-119133-20251021

Quant Time: Oct 29 14:23:03 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	62325	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	236347	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	128098	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	203077	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	156913	20.000	ng	0.00
86) Perylene-d12	15.539	264	200959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	245211	62.246	ng	0.00
7) Phenol-d6	6.498	99	294369	67.662	ng	0.00
23) Nitrobenzene-d5	7.434	82	182008	42.191	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	98186	60.173	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	329315	36.177	ng	0.00
79) Terphenyl-d14	12.992	244	285704	31.831	ng	0.00
Target Compounds						Qvalue
35) Caprolactam	8.575	113	3933	4.180	ng	# 1
63) Azobenzene	10.628	77	15901	2.128	ng	# 1
71) Phenanthrene	11.427	178	65757	6.518	ng	98
72) Anthracene	11.427	178	65757	6.310	ng	97
75) Fluoranthene	12.627	202	89604	8.040	ng	96
78) Pyrene	12.857	202	96873	8.587	ng	98
81) Benzo(a)anthracene	14.045	228	64118	6.046	ng	# 81
83) Chrysene	14.080	228	57336	5.762	ng	# 86
88) Benzo(b)fluoranthene	15.104	252	82074	7.224	ng	# 85
89) Benzo(k)fluoranthene	15.104	252	82074	7.830	ng	# 86
90) Benzo(a)pyrene	15.474	252	60867	5.972	ng	# 93
92) Benzo(g,h,i)perylene	17.492	276	22739	2.071	ng	# 92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
Data File : BF144126.D
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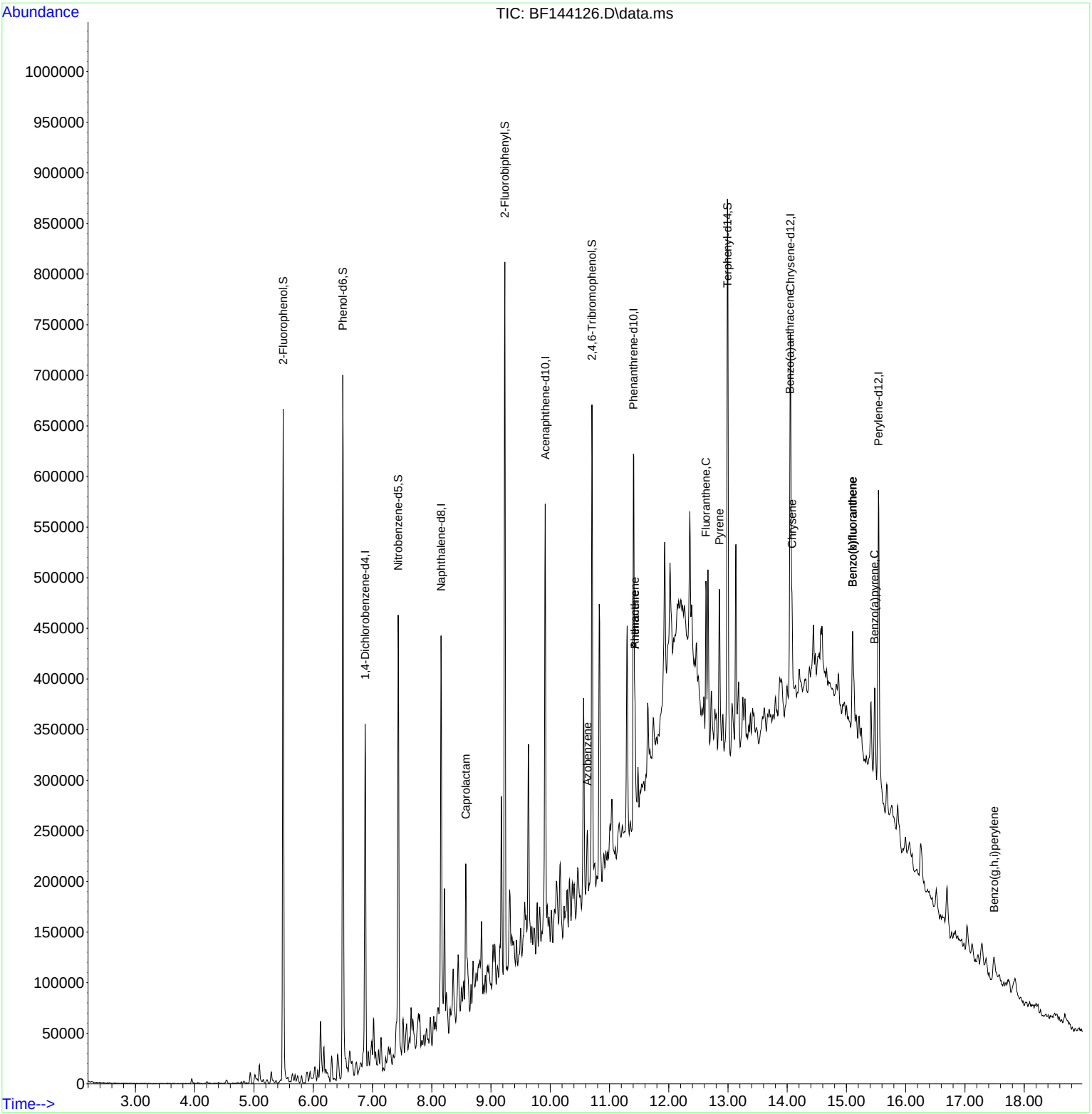
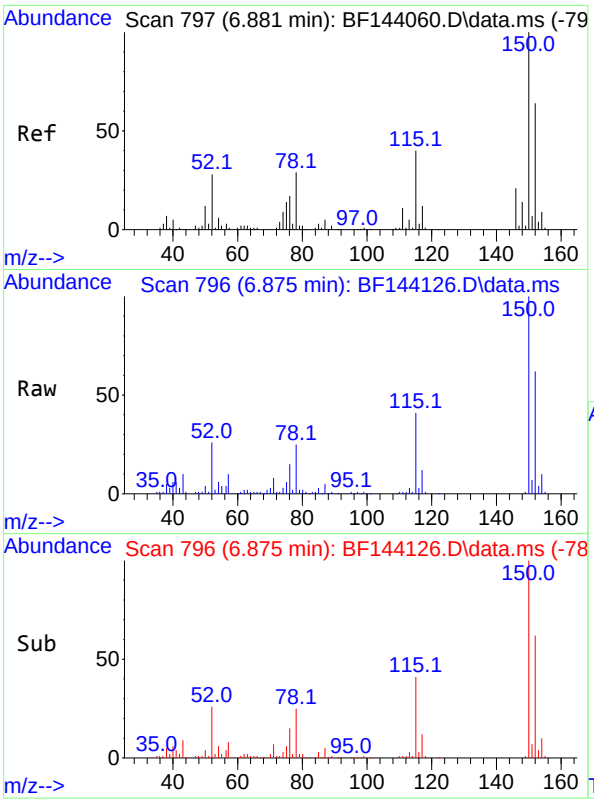
Operator : RC/JU
Sample : Q3419-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S16-119133-20251021

Quant Time: Oct 29 14:23:03 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



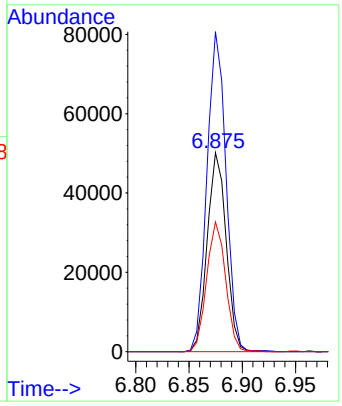


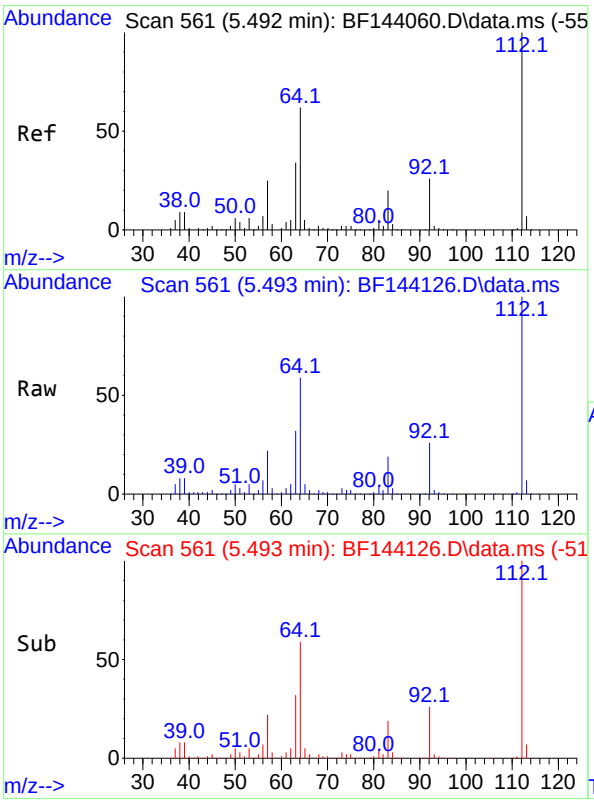
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144126.D
Acq: 29 Oct 2025 14:03

Instrument :
BNA_F
ClientSampleId :
PR132-S16-119133-20251021

Tgt Ion:152 Resp: 62325

Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.4	186.6
115	65.2	49.4	74.0

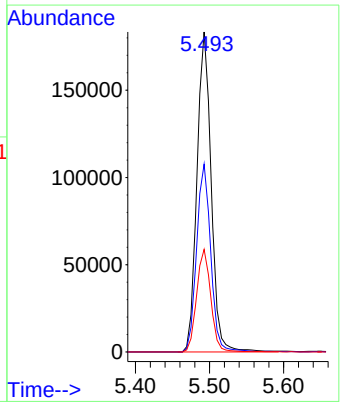


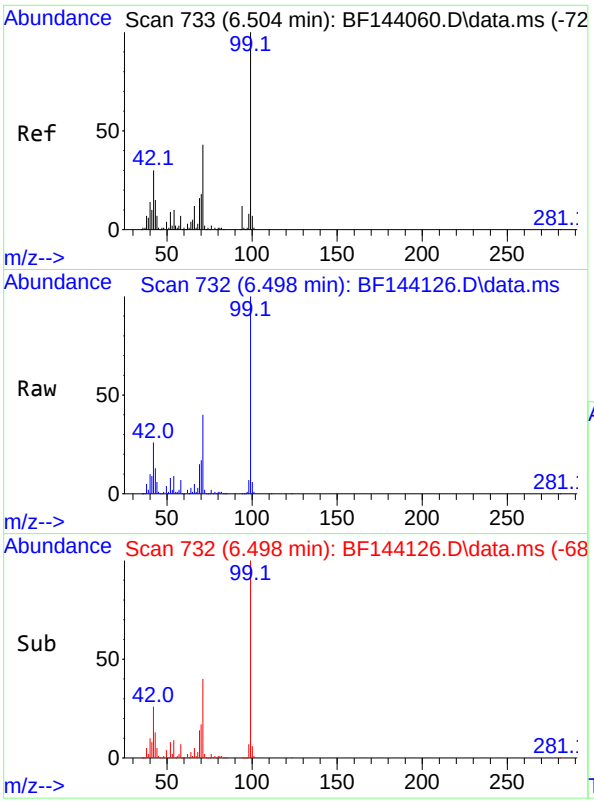


#5
2-Fluorophenol
Concen: 62.246 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144126.D
Acq: 29 Oct 2025 14:03

Tgt Ion:112 Resp: 245211

Ion	Ratio	Lower	Upper
112	100		
64	58.7	49.8	74.8
63	32.1	27.4	41.2



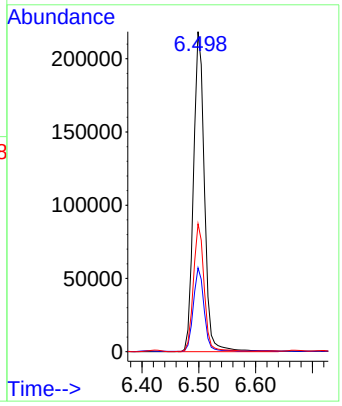


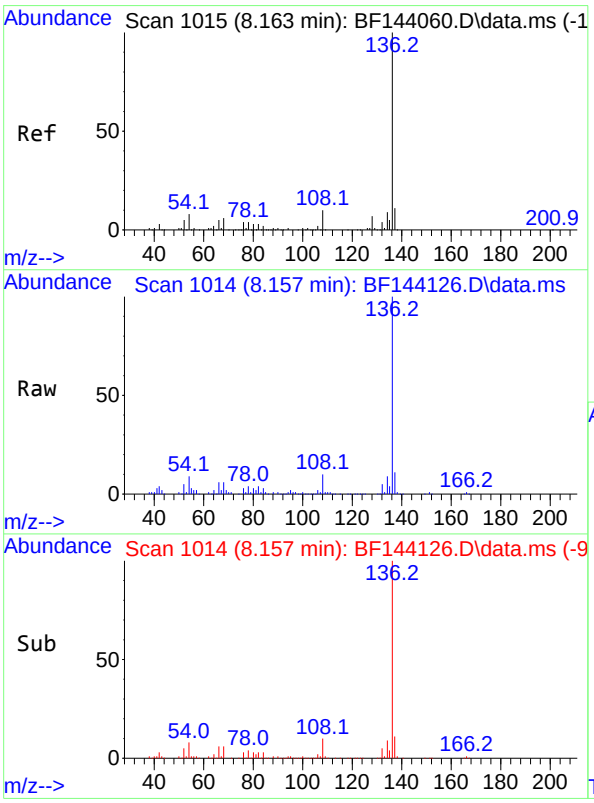
#7
Phenol-d6
Concen: 67.662 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144126.D
Acq: 29 Oct 2025 14:03

Instrument :
BNA_F
ClientSampleId :
PR132-S16-119133-20251021

Tgt Ion: 99 Resp: 294369

Ion	Ratio	Lower	Upper
99	100		
42	26.2	23.9	35.9
71	39.9	34.4	51.6

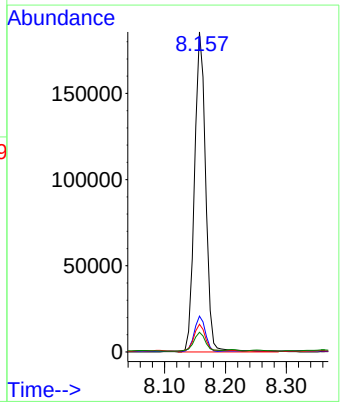


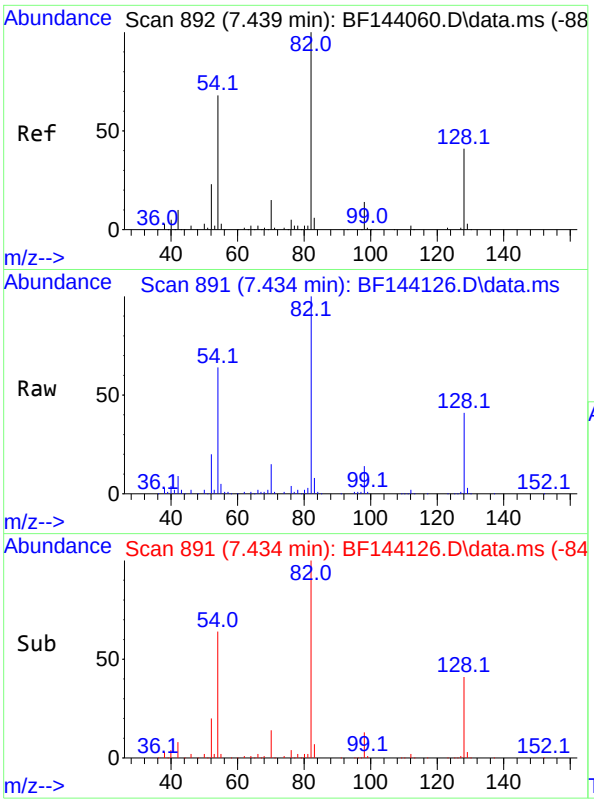


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144126.D
Acq: 29 Oct 2025 14:03

Tgt Ion:136 Resp: 236347

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.6	6.6	9.8
68	6.1	4.6	6.8



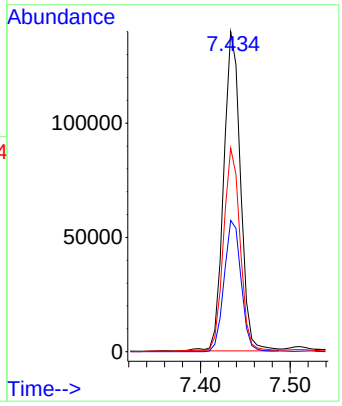


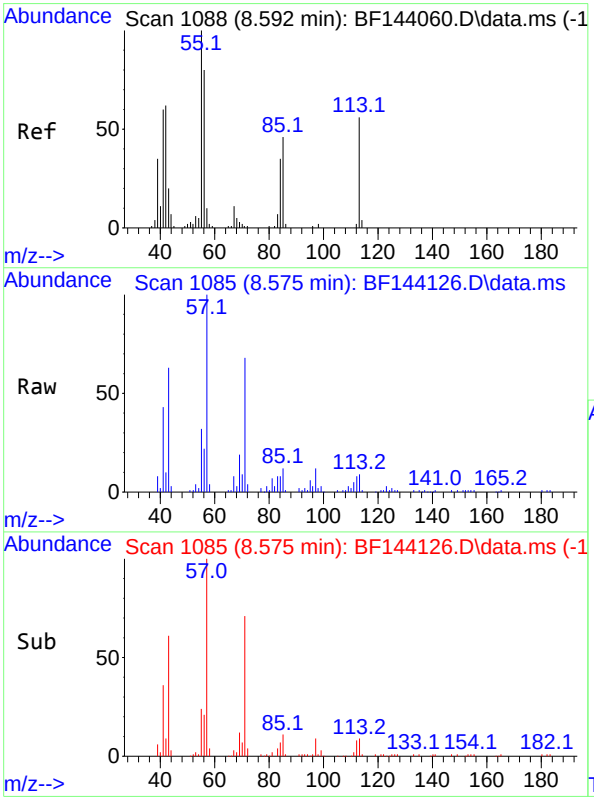
#23
Nitrobenzene-d5
Concen: 42.191 ng
RT: 7.434 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF144126.D
Acq: 29 Oct 2025 14:03

Instrument :
BNA_F
ClientSampleId :
PR132-S16-119133-20251021

Tgt Ion: 82 Resp: 182008

Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.4	48.6
54	63.6	54.0	81.0

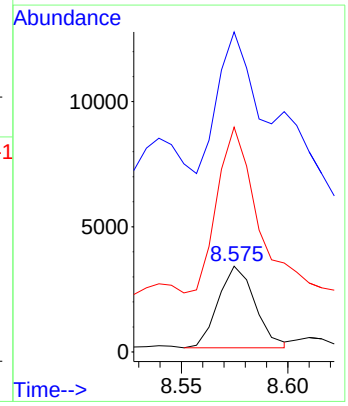


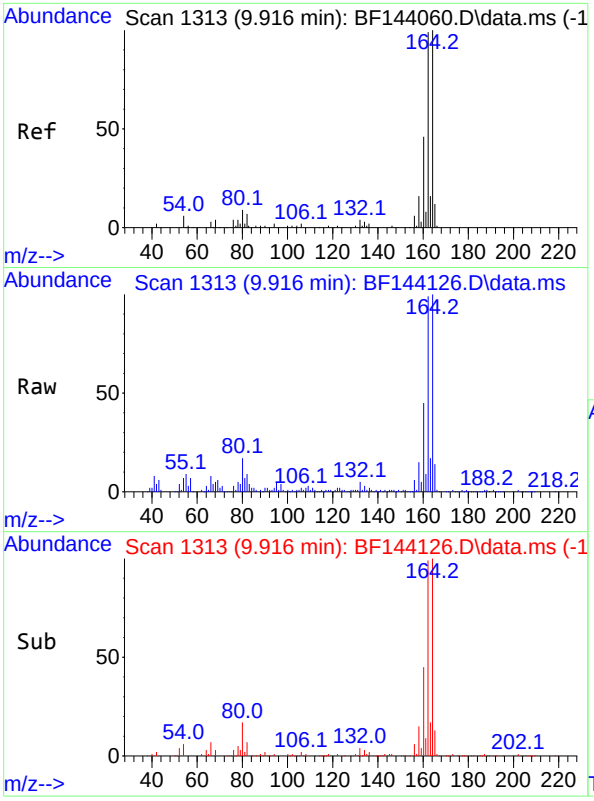


#35
Caprolactam
Concen: 4.180 ng
RT: 8.575 min Scan# 1085
Delta R.T. -0.018 min
Lab File: BF144126.D
Acq: 29 Oct 2025 14:03

Tgt Ion:113 Resp: 3933

Ion	Ratio	Lower	Upper
113	100		
55	373.1	160.1	200.1#
56	262.1	124.9	164.9#



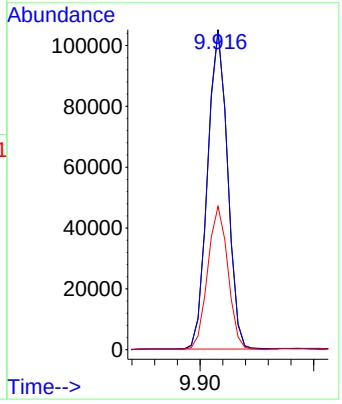


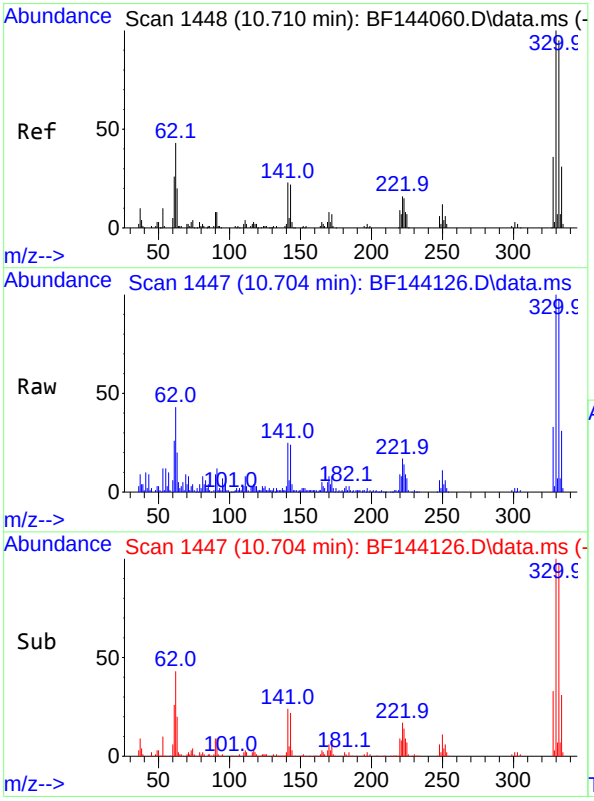
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF144126.D
Acq: 29 Oct 2025 14:03

Instrument :
BNA_F
ClientSampleId :
PR132-S16-119133-20251021

Tgt Ion:164 Resp: 128098

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.4	119.2
160	44.8	36.7	55.1

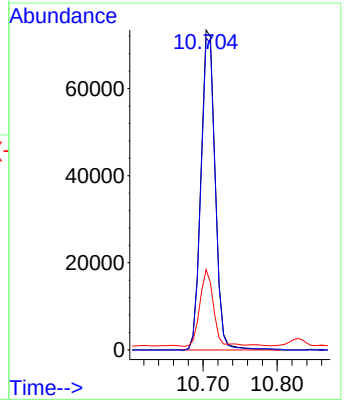


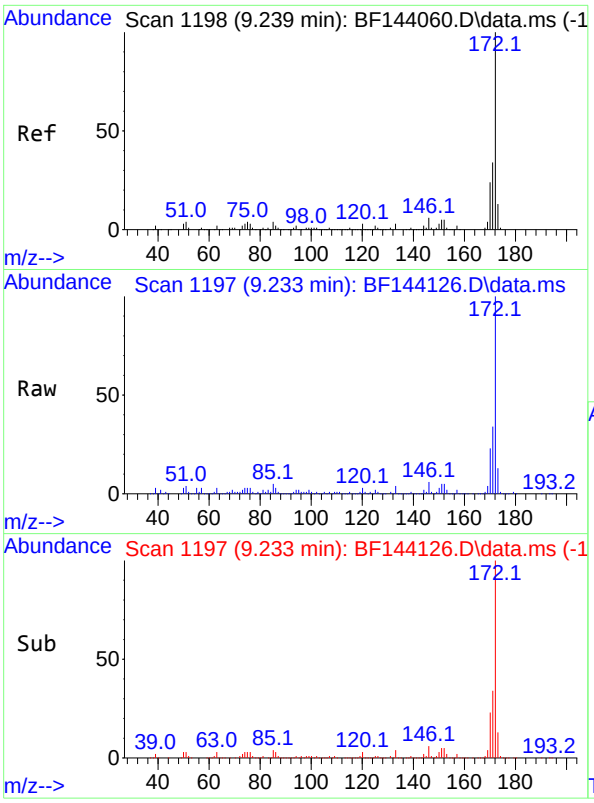


#42
2,4,6-Tribromophenol
Concen: 60.173 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF144126.D
Acq: 29 Oct 2025 14:03

Tgt Ion:330 Resp: 98186

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	22.4	19.4	29.0



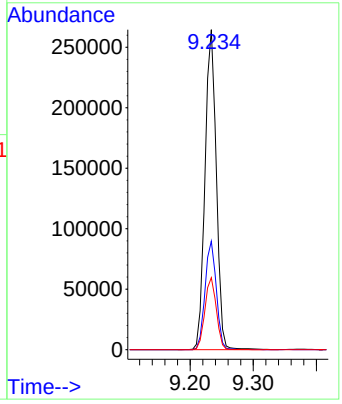


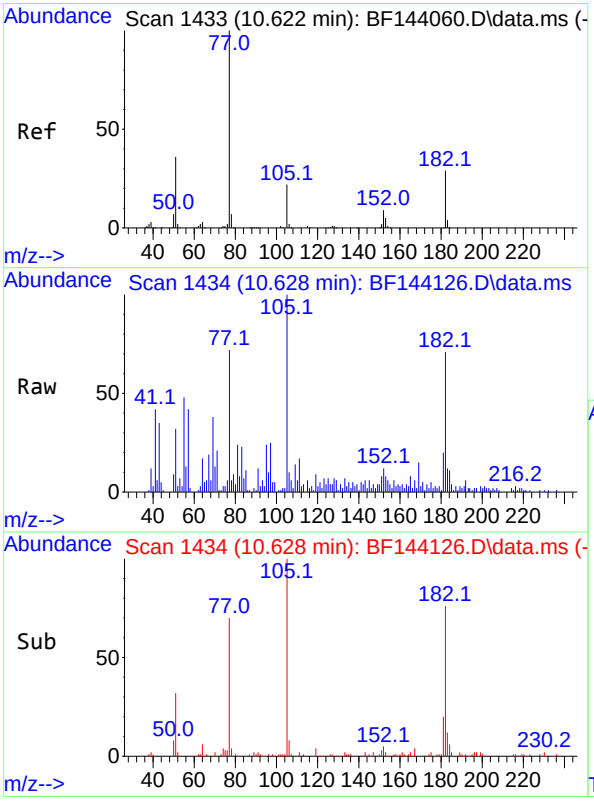
#45
2-Fluorobiphenyl
Concen: 36.177 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144126.D
Acq: 29 Oct 2025 14:03

Instrument :
BNA_F
ClientSampleId :
PR132-S16-119133-20251021

Tgt Ion:172 Resp: 329315

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.5	41.3
170	22.5	19.0	28.6

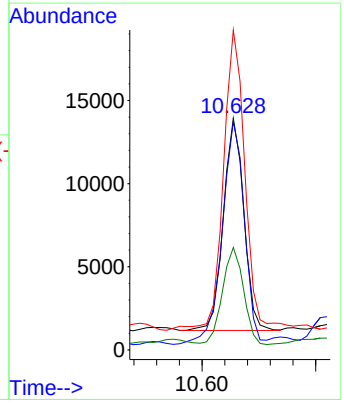


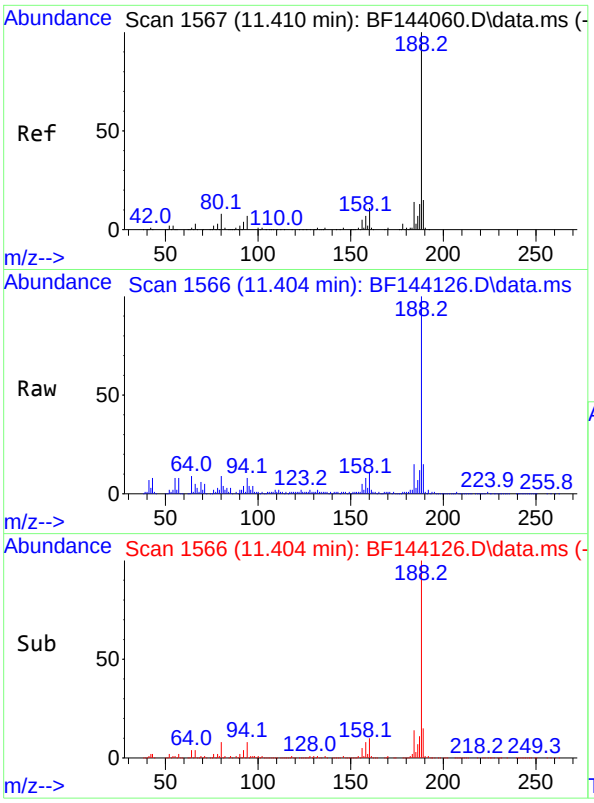


#63
Azobenzene
Concen: 2.128 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF144126.D
Acq: 29 Oct 2025 14:03

Tgt Ion: 77 Resp: 15901

Ion	Ratio	Lower	Upper
77	100		
182	98.6	9.0	49.0#
105	138.1	1.4	41.4#
51	44.2	16.9	56.9



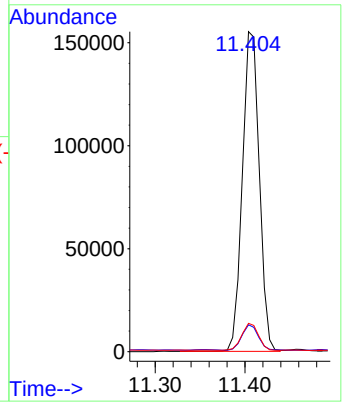


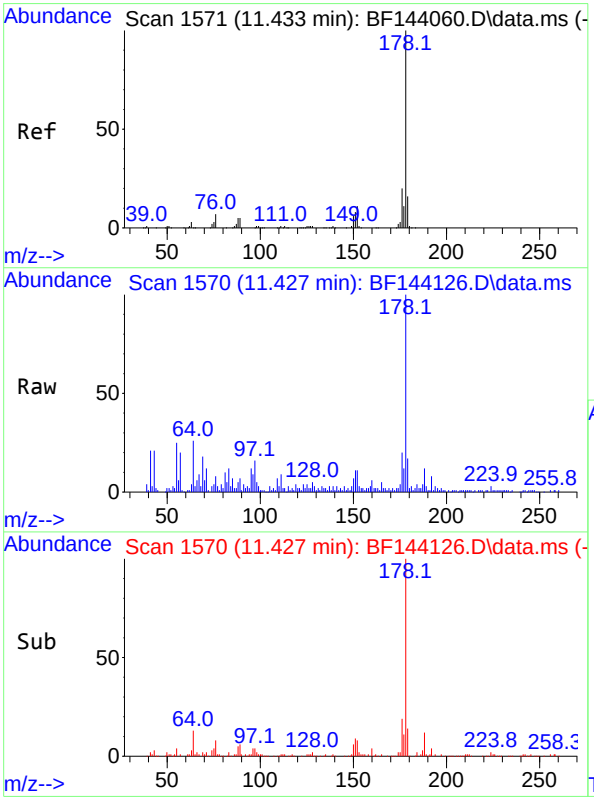
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144126.D
Acq: 29 Oct 2025 14:03

Instrument :
BNA_F
ClientSampleId :
PR132-S16-119133-20251021

Tgt Ion:188 Resp: 203077

Ion	Ratio	Lower	Upper
188	100		
94	8.4	5.4	8.0#
80	8.9	6.0	9.0

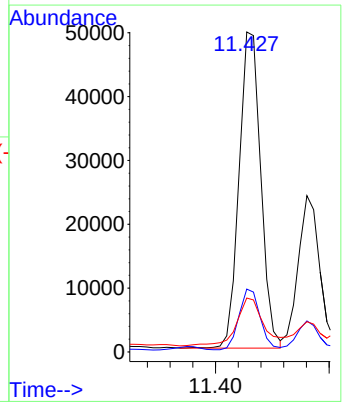


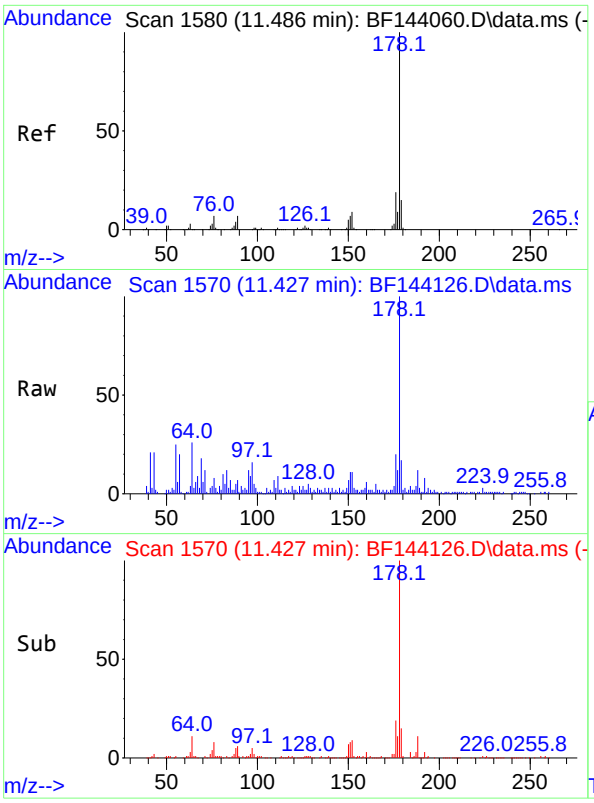


#71
Phenanthrene
Concen: 6.518 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF144126.D
Acq: 29 Oct 2025 14:03

Tgt Ion:178 Resp: 65757

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.3	24.5
179	16.8	12.6	18.8



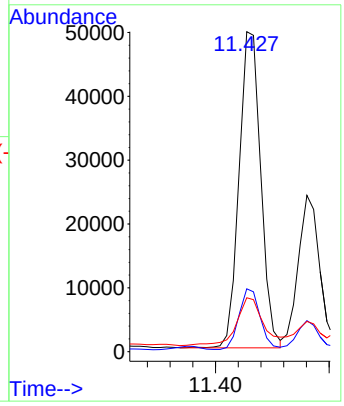


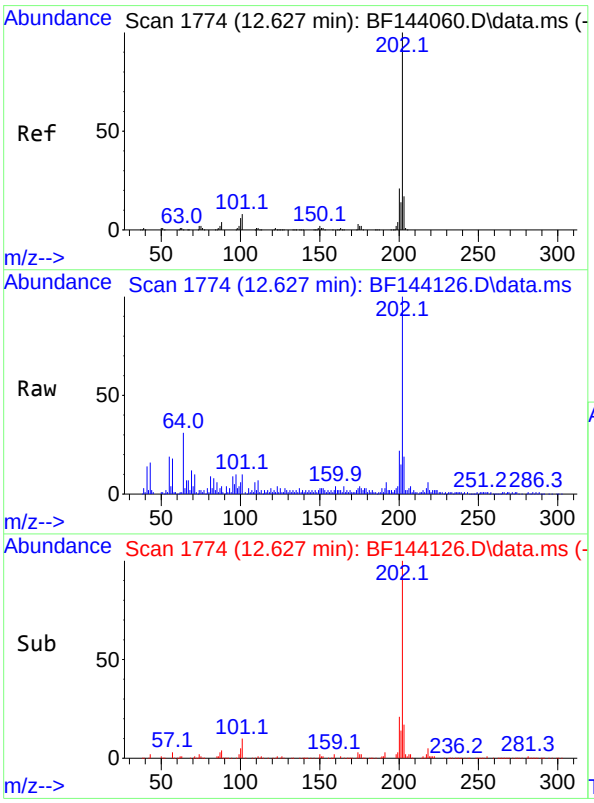
#72
Anthracene
Concen: 6.310 ng
RT: 11.427 min Scan# 1
Delta R.T. -0.059 min
Lab File: BF144126.D
Acq: 29 Oct 2025 14:03

Instrument :
BNA_F
ClientSampleId :
PR132-S16-119133-20251021

Tgt Ion:178 Resp: 65757

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.0	22.4
179	16.8	11.8	17.6

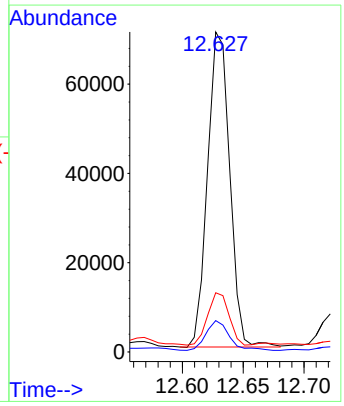


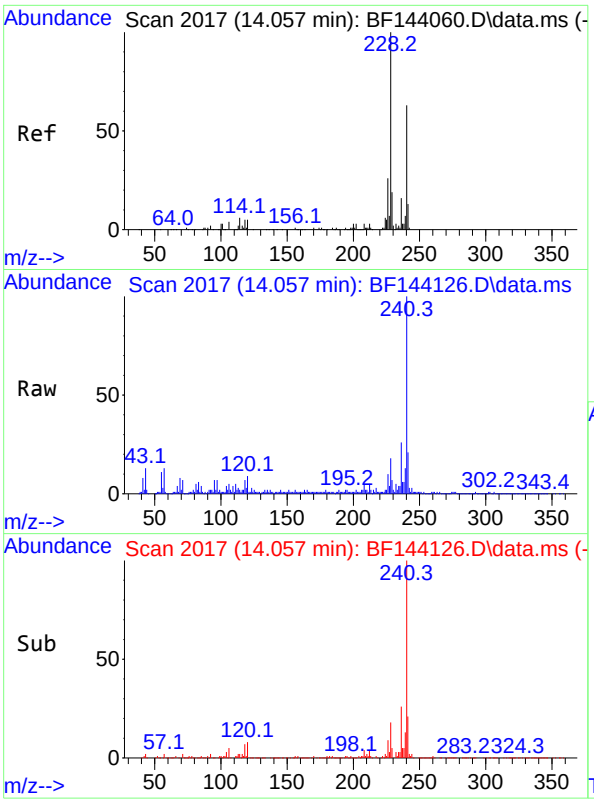


#75
Fluoranthene
Concen: 8.040 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144126.D
Acq: 29 Oct 2025 14:03

Tgt Ion:202 Resp: 89604

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	27.7
203	18.5	0.0	37.3



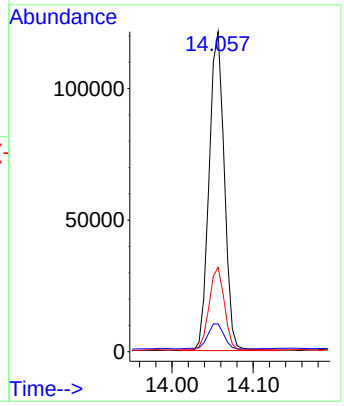


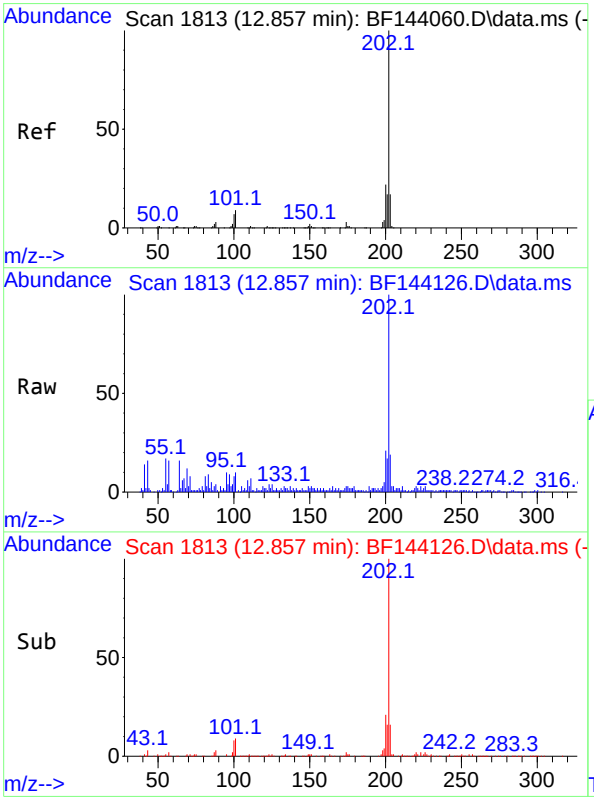
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF144126.D
Acq: 29 Oct 2025 14:03

Instrument :
BNA_F
ClientSampleId :
PR132-S16-119133-20251021

Tgt Ion:240 Resp: 156913

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.5	9.7
236	26.4	20.1	30.1

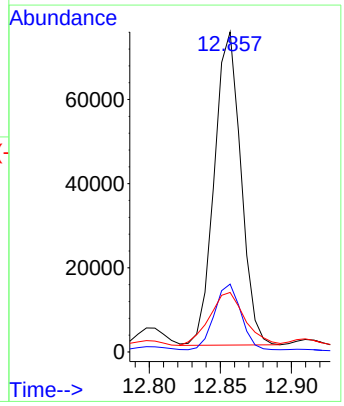


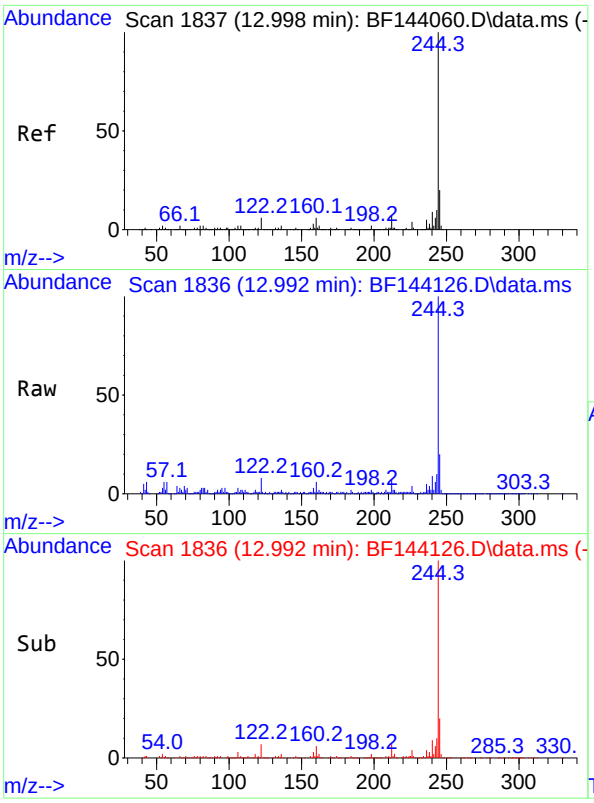


#78
Pyrene
Concen: 8.587 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144126.D
Acq: 29 Oct 2025 14:03

Tgt Ion:202 Resp: 96873

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	18.6	13.5	20.3



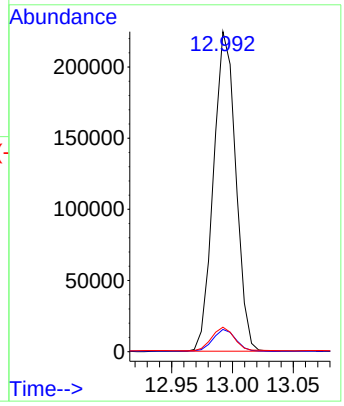


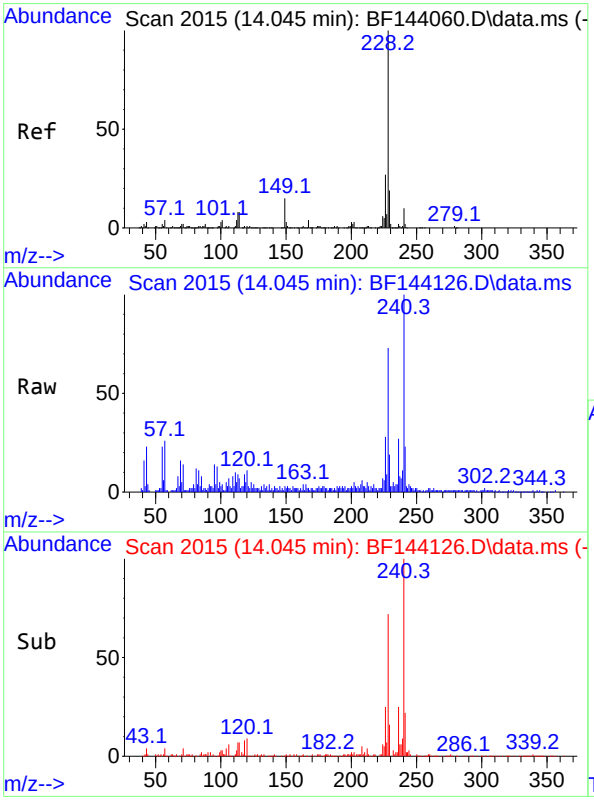
#79
Terphenyl-d14
Concen: 31.831 ng
RT: 12.992 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144126.D
Acq: 29 Oct 2025 14:03

Instrument :
BNA_F
ClientSampleId :
PR132-S16-119133-20251021

Tgt Ion:244 Resp: 285704

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	7.7	4.9	7.3#

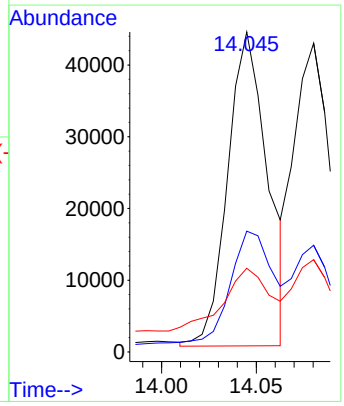


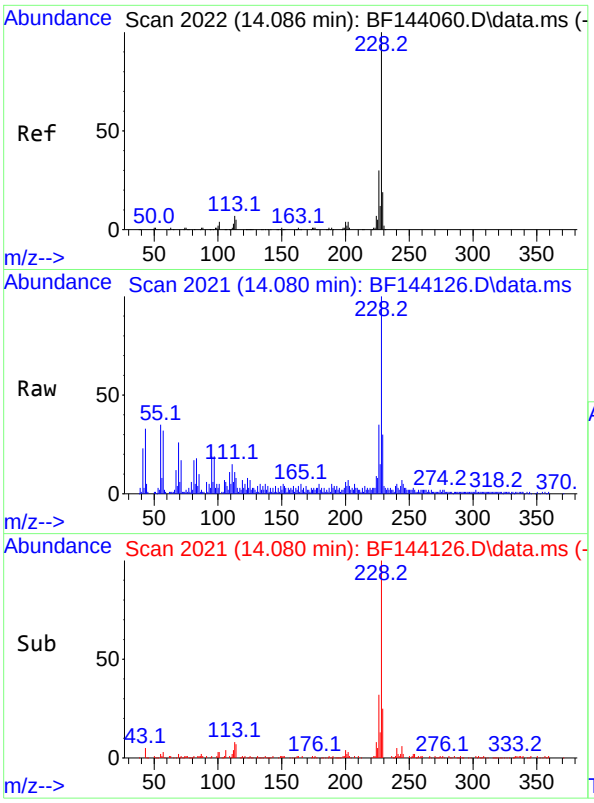


#81
Benzo(a)anthracene
Concen: 6.046 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144126.D
Acq: 29 Oct 2025 14:03

Tgt Ion:228 Resp: 64118

Ion	Ratio	Lower	Upper
228	100		
226	37.8	21.4	32.2#
229	26.2	15.3	22.9#



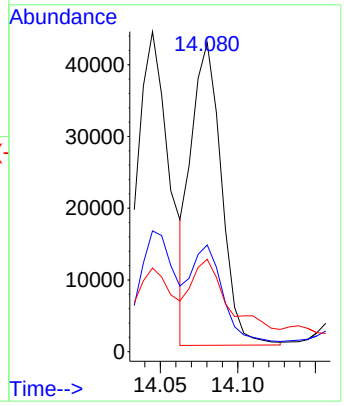


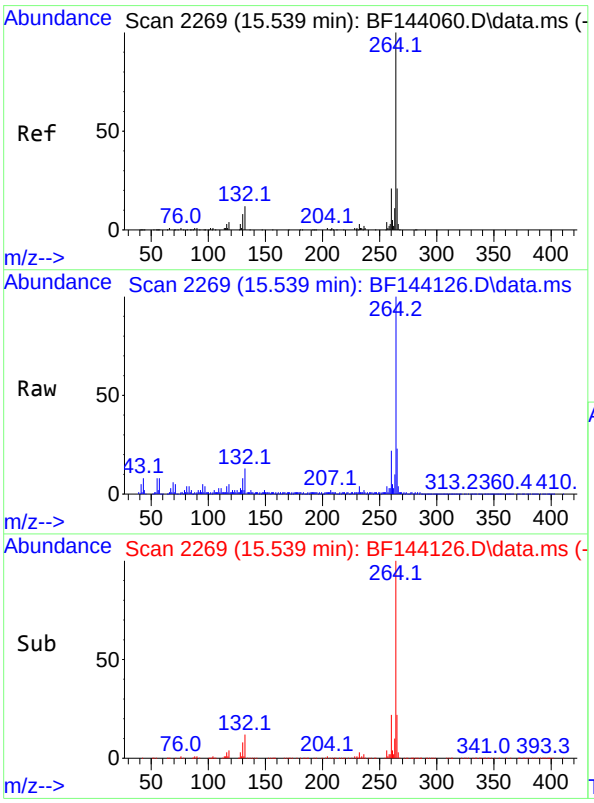
#83
Chrysene
Concen: 5.762 ng
RT: 14.080 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144126.D
Acq: 29 Oct 2025 14:03

Instrument :
BNA_F
ClientSampleId :
PR132-S16-119133-20251021

Tgt Ion:228 Resp: 57336

Ion	Ratio	Lower	Upper
228	100		
226	34.5	23.8	35.6
229	29.9	15.6	23.4#

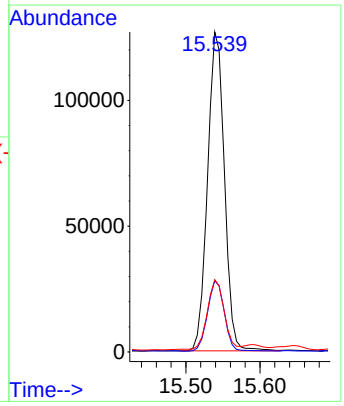


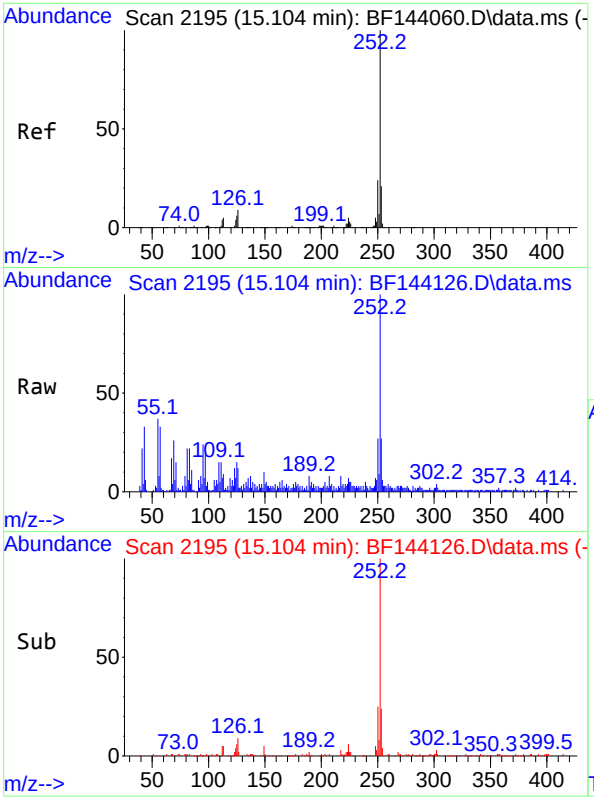


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF144126.D
Acq: 29 Oct 2025 14:03

Tgt Ion:264 Resp: 200959

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.0	25.4
265	22.6	16.6	24.8



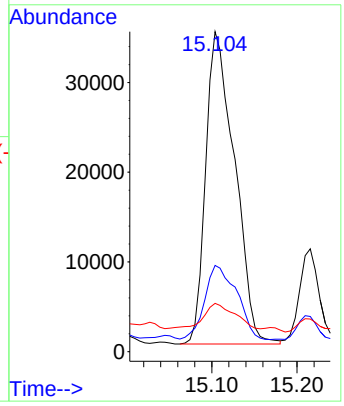


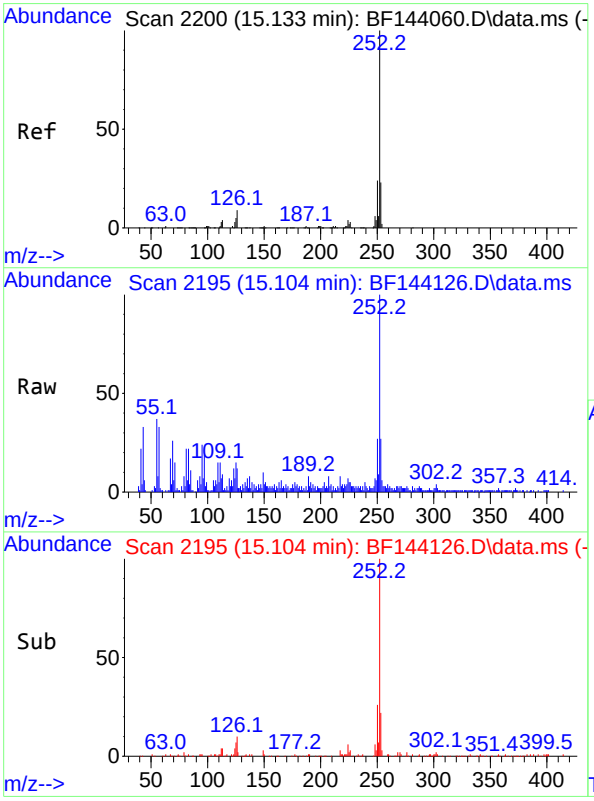
#88
Benzo(b)fluoranthene
Concen: 7.224 ng
RT: 15.104 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144126.D
Acq: 29 Oct 2025 14:03

Instrument :
BNA_F
ClientSampleId :
PR132-S16-119133-20251021

Tgt Ion:252 Resp: 82074

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.2	25.8#
125	15.1	5.0	7.6#

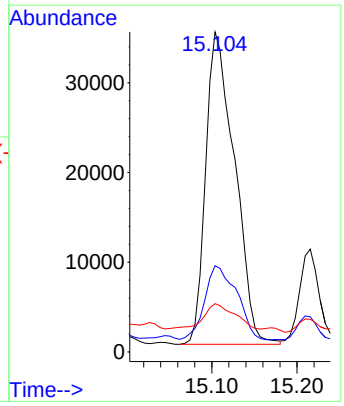


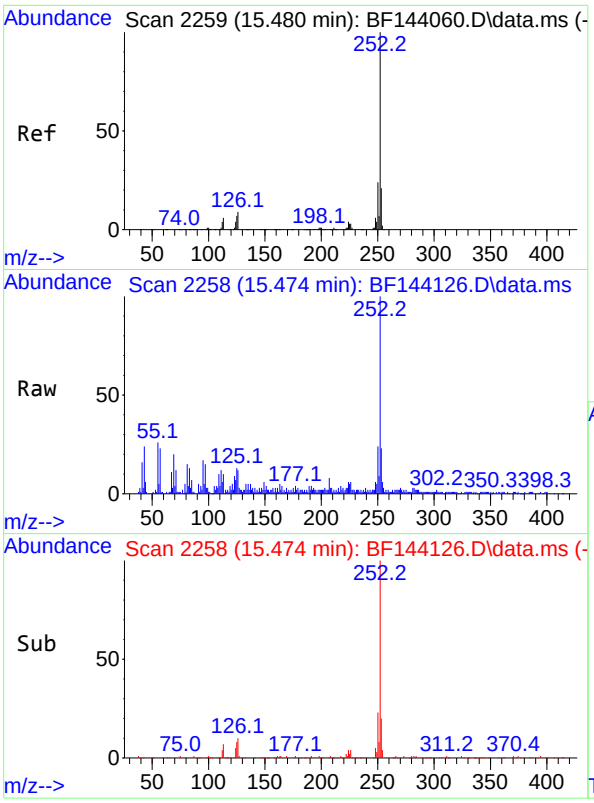


#89
Benzo(k)fluoranthene
Concen: 7.830 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.029 min
Lab File: BF144126.D
Acq: 29 Oct 2025 14:03

Tgt Ion:252 Resp: 82074

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.4	26.2#
125	15.1	4.9	7.3#



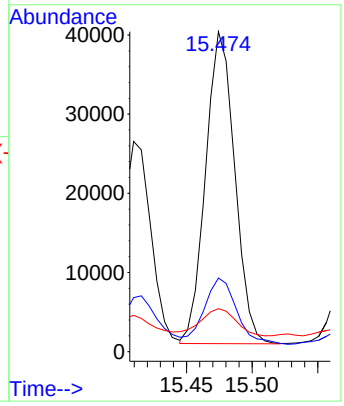


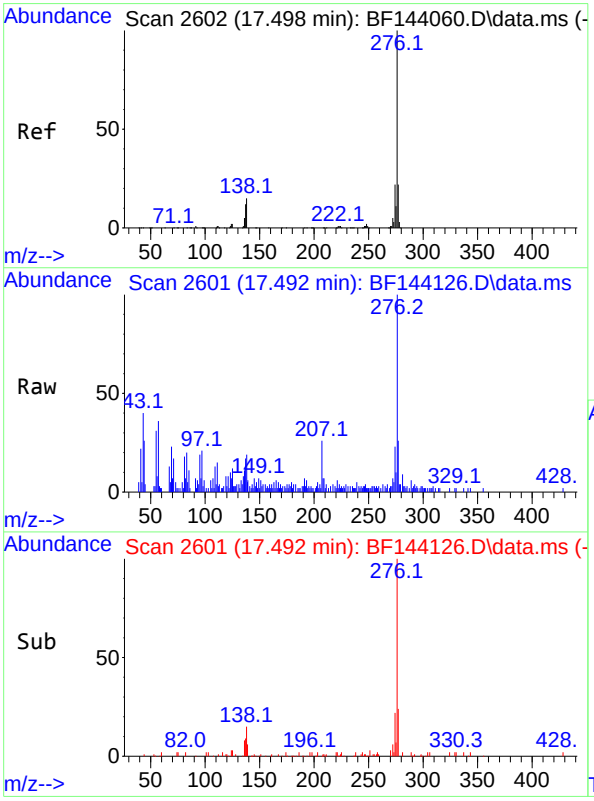
#90
Benzo(a)pyrene
Concen: 5.972 ng
RT: 15.474 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144126.D
Acq: 29 Oct 2025 14:03

Instrument :
BNA_F
ClientSampleId :
PR132-S16-119133-20251021

Tgt Ion:252 Resp: 60867

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	13.4	5.4	8.2#





#92
Benzo(g,h,i)perylene
Concen: 2.071 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.006 min
Lab File: BF144126.D
Acq: 29 Oct 2025 14:03

Tgt Ion:276 Resp: 22739

Ion	Ratio	Lower	Upper
276	100		
277	26.1	17.9	26.9
138	18.8	12.0	18.0#