Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
Data File : BF144295.D
Acq On : 20 Nov 2025 15:30
Operator : RC/JU
Sample : Q3669-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 20 15:49:23 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	39401	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	141650	20.000	ng		-0.01
39) Acenaphthene-d10	9.898	164	71438	20.000	ng		-0.02
64) Phenanthrene-d10	11.392	188	138272	20.000	ng		-0.01
76) Chrysene-d12	14.039	240	127014	20.000	ng		-0.01
86) Perylene-d12	15.521	264	103141	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	58130	23.087	ng		-0.01
7) Phenol-d6	6.492	99	60657	21.261	ng		0.00
23) Nitrobenzene-d5	7.422	82	35645	14.534	ng		-0.01
42) 2,4,6-Tribromophenol	10.692	330	17542	19.568	ng		-0.01
45) 2-Fluorobiphenyl	9.216	172	72762	15.043	ng		-0.01
79) Terphenyl-d14	12.980	244	99916	12.495	ng		-0.01
Target Compounds							Qvalue
22) Acetophenone	7.251	105	6314	2.078	ng	#	47
35) Caprolactam	8.563	113	3303	5.294	ng	#	1
71) Phenanthrene	11.416	178	19223	2.792	ng		97
72) Anthracene	11.416	178	19223	2.746	ng		97
75) Fluoranthene	12.610	202	48050	6.757	ng		95
78) Pyrene	12.839	202	49218	4.806	ng		98
81) Benzo(a)anthracene	14.027	228	27364	3.108	ng	#	89
83) Chrysene	14.063	228	25220	3.103	ng	#	87
88) Benzo(b)fluoranthene	15.092	252	35799	6.105	ng	#	75
89) Benzo(k)fluoranthene	15.092	252	35799	6.523	ng	#	76
90) Benzo(a)pyrene	15.457	252	17623	3.258	ng	#	80
92) Benzo(g,h,i)perylene	17.474	276	11915	2.029	ng	#	88

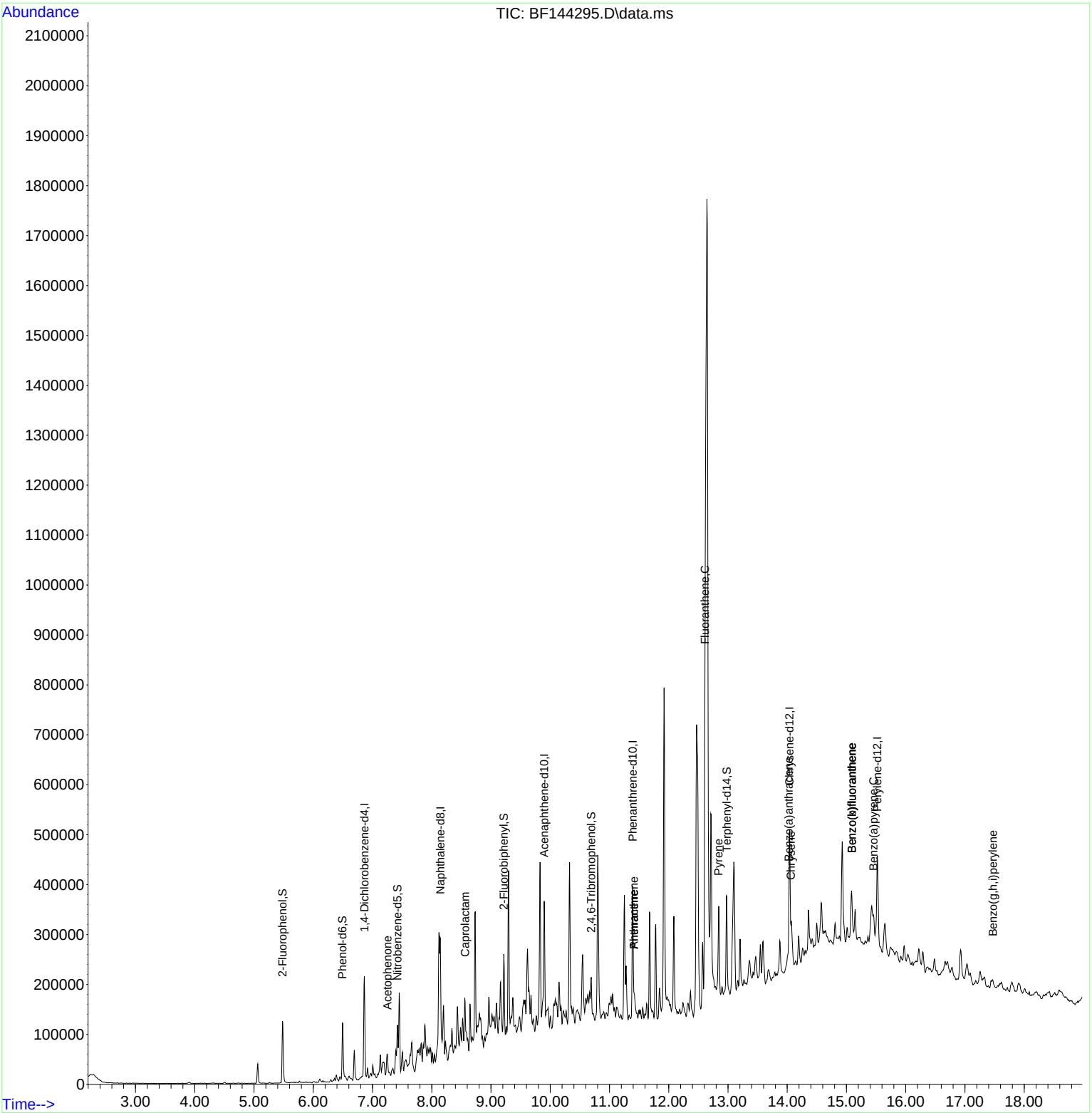
(#) = qualifier out of range (m) = manual integration (+) = signals summed

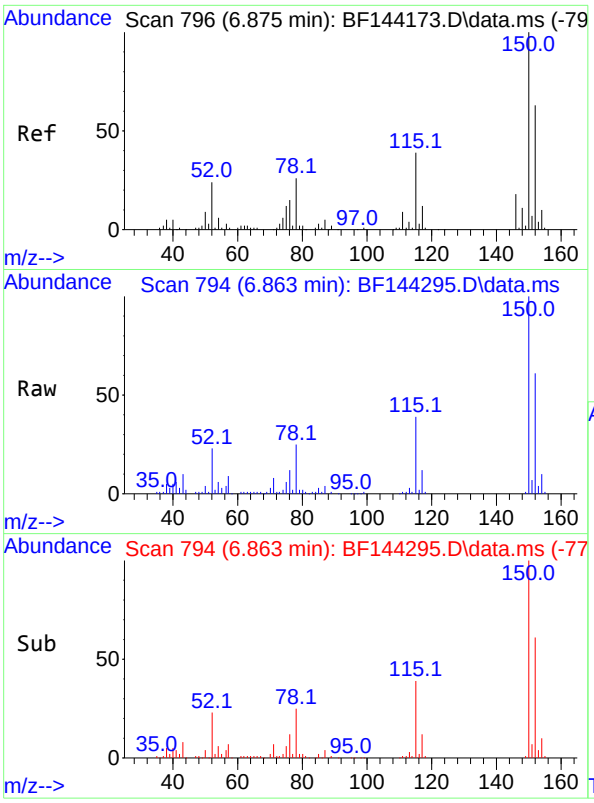
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
Data File : BF144295.D
Acq On : 20 Nov 2025 15:30
Operator : RC/JU
Sample : Q3669-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 20 15:49:23 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



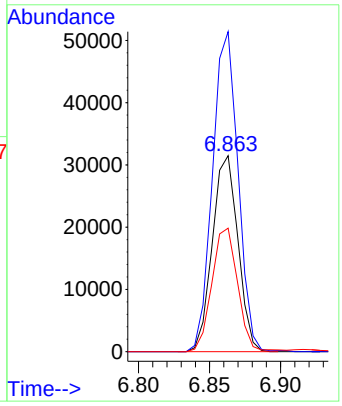


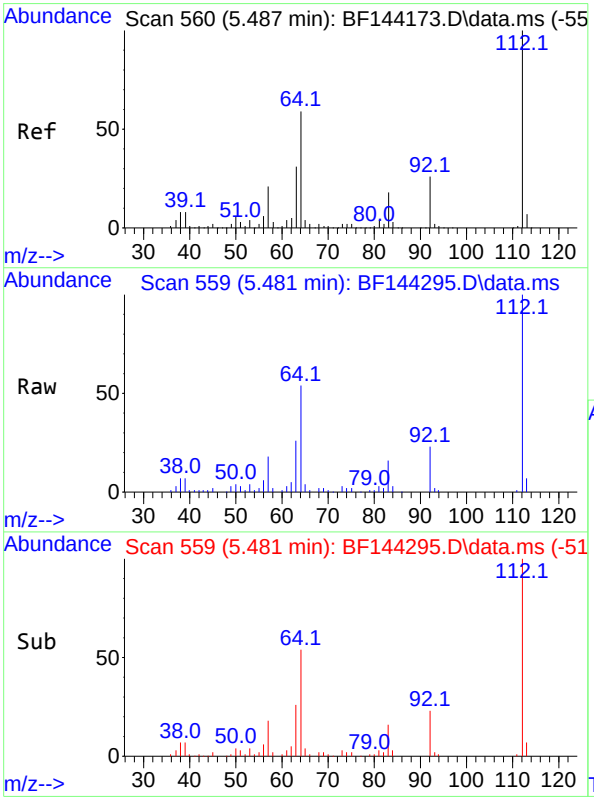
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144295.D
Acq: 20 Nov 2025 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 39401

Ion	Ratio	Lower	Upper
152	100		
150	163.3	127.4	191.0
115	63.0	49.5	74.3

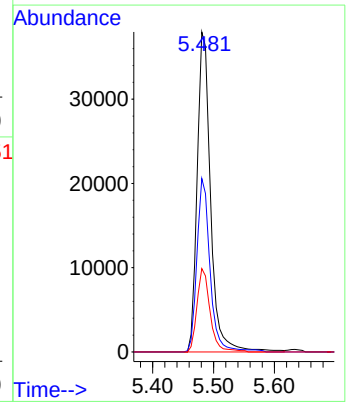


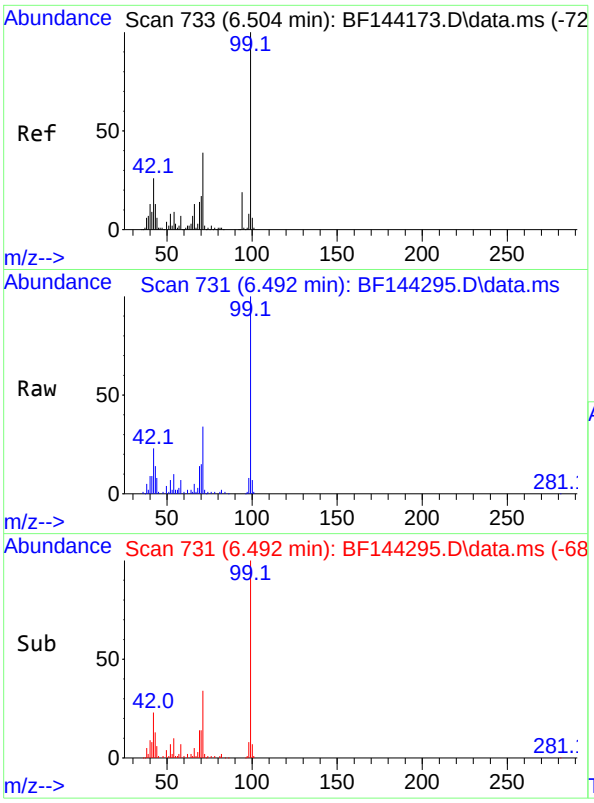


#5
2-Fluorophenol
Concen: 23.087 ng
RT: 5.481 min Scan# 559
Delta R.T. -0.012 min
Lab File: BF144295.D
Acq: 20 Nov 2025 15:30

Tgt Ion:112 Resp: 58130

Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.2	70.8
63	26.0	24.4	36.6



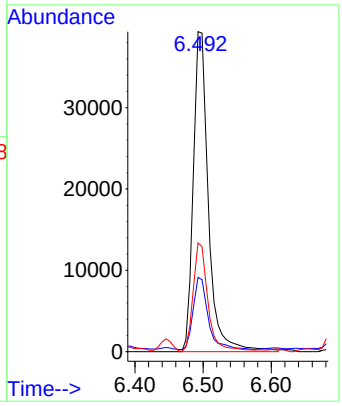


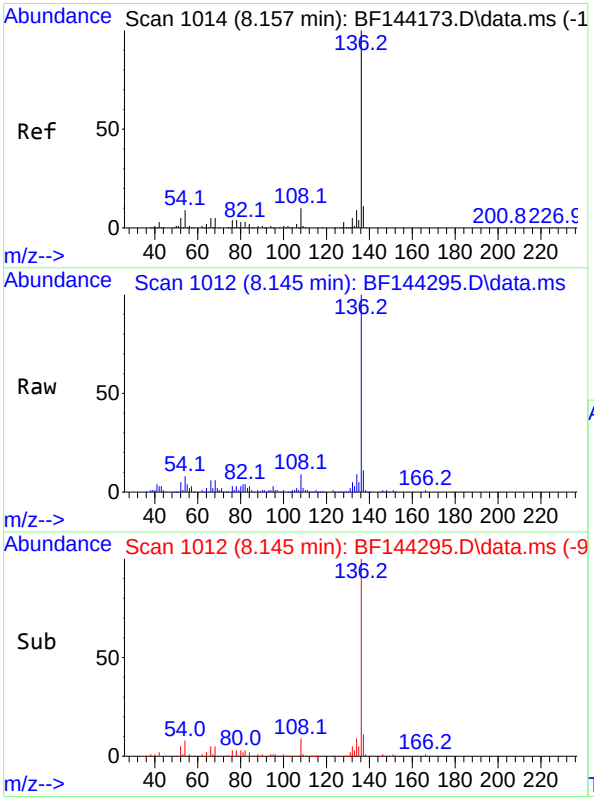
#7
Phenol-d6
Concen: 21.261 ng
RT: 6.492 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144295.D
Acq: 20 Nov 2025 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 60657

Ion	Ratio	Lower	Upper
99	100		
42	23.2	20.9	31.3
71	34.0	31.4	47.2

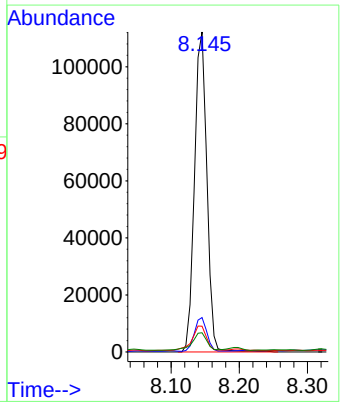


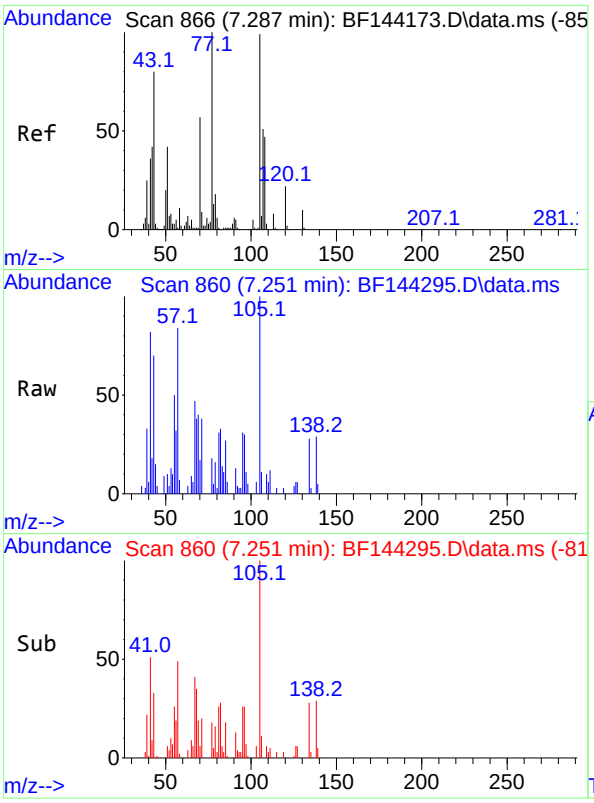


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144295.D
Acq: 20 Nov 2025 15:30

Tgt Ion:136 Resp: 141650

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.0	7.0	10.6
68	6.0	4.3	6.5



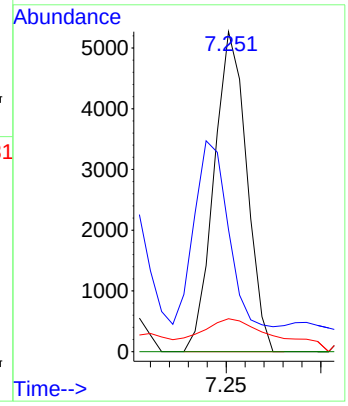


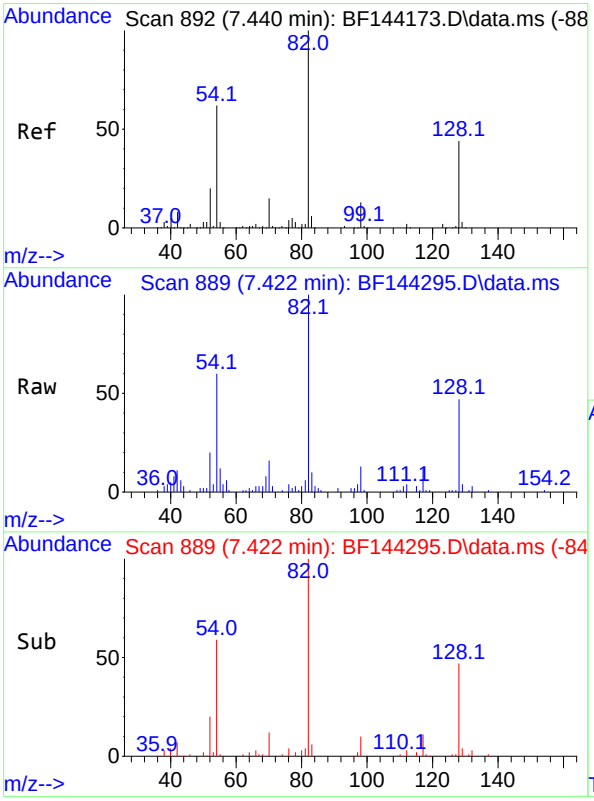
#22
Acetophenone
Concen: 2.078 ng
RT: 7.251 min Scan# 8
Delta R.T. -0.030 min
Lab File: BF144295.D
Acq: 20 Nov 2025 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 6314

Ion	Ratio	Lower	Upper
105	100		
71	38.2	7.2	10.8#
51	10.3	34.0	51.0#
120	0.0	17.8	26.6#

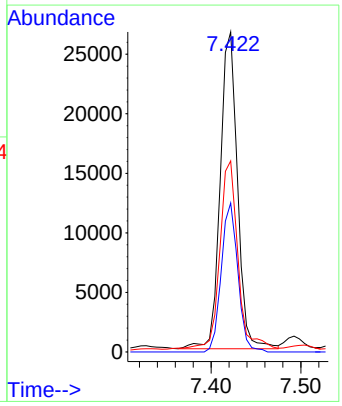


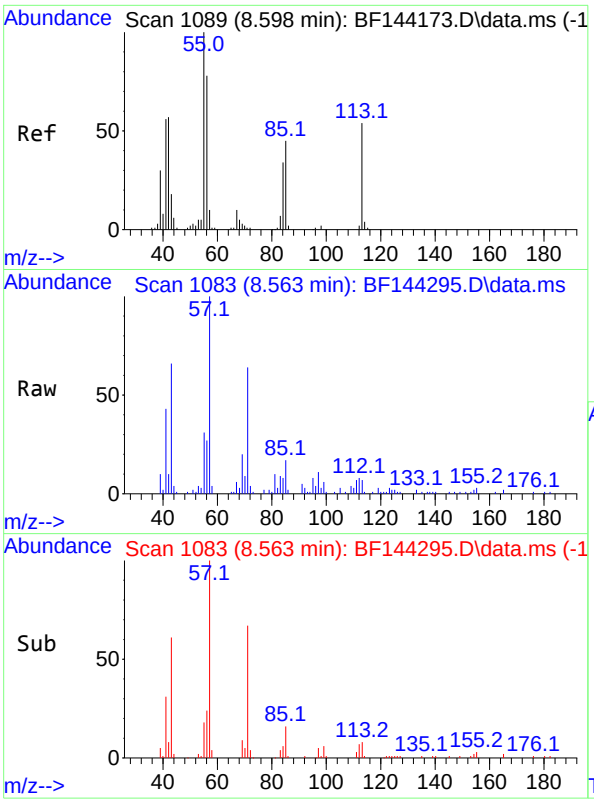


#23
Nitrobenzene-d5
Concen: 14.534 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF144295.D
Acq: 20 Nov 2025 15:30

Tgt Ion: 82 Resp: 35645

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.7	52.1
54	59.7	49.5	74.3



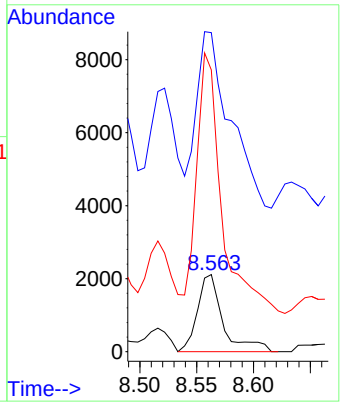


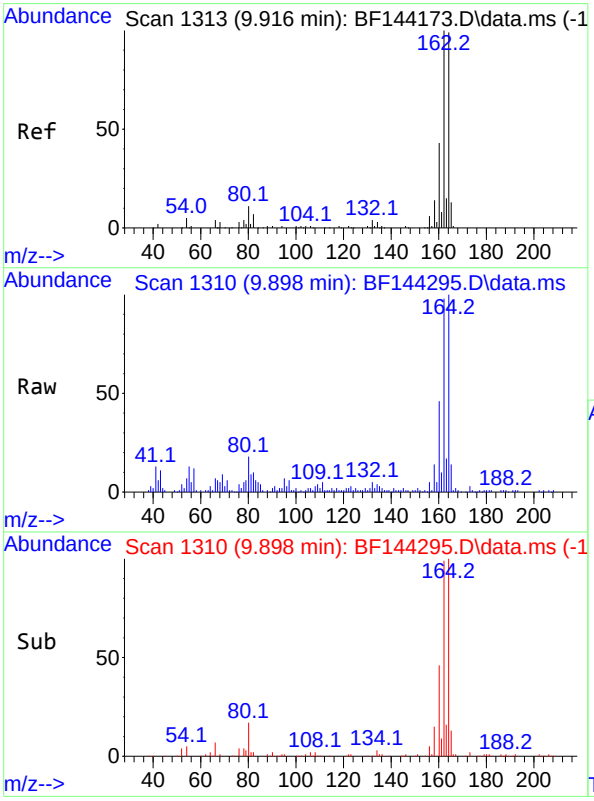
#35
Caprolactam
Concen: 5.294 ng
RT: 8.563 min Scan# 1
Delta R.T. -0.059 min
Lab File: BF144295.D
Acq: 20 Nov 2025 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 3303

Ion	Ratio	Lower	Upper
113	100		
55	413.5	166.8	206.8#
56	365.3	125.9	165.9#

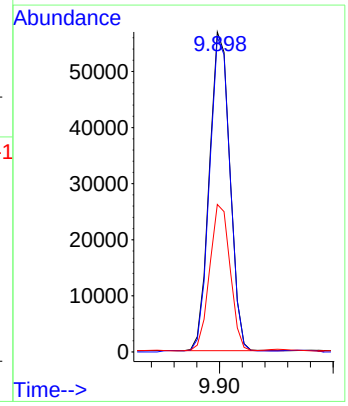


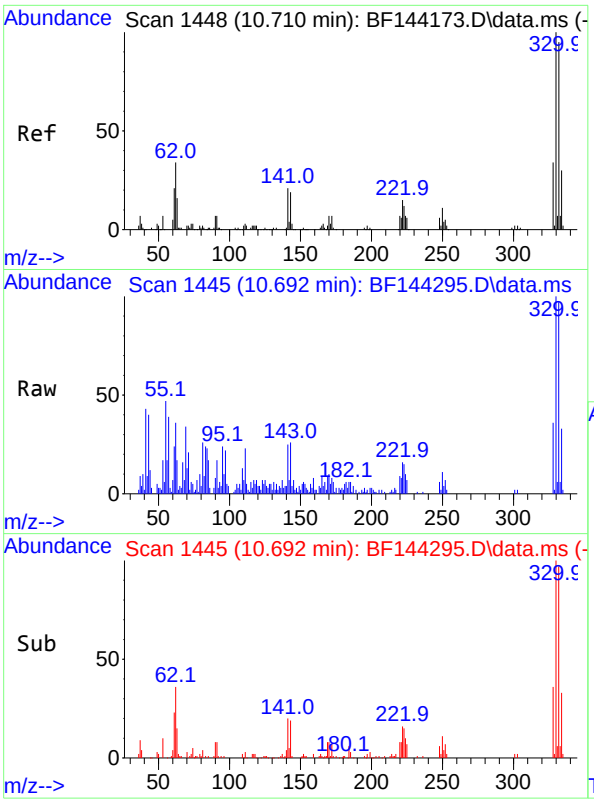


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144295.D
Acq: 20 Nov 2025 15:30

Tgt Ion:164 Resp: 71438

Ion	Ratio	Lower	Upper
164	100		
162	98.4	81.1	121.7
160	46.1	34.5	51.7



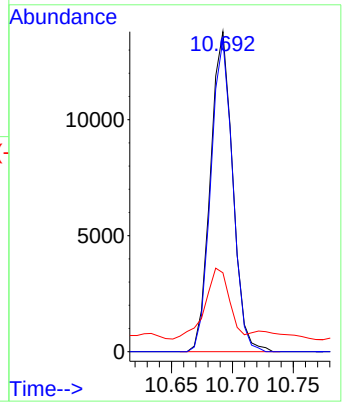


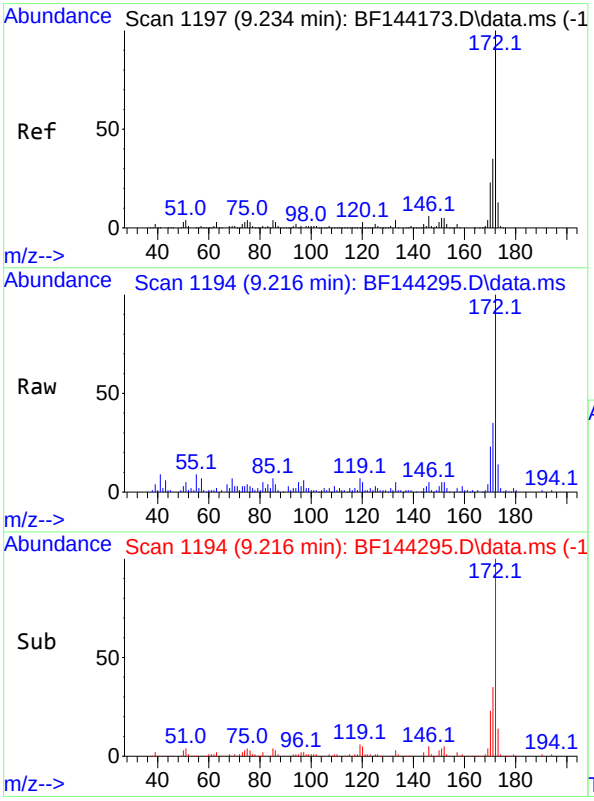
#42
2,4,6-Tribromophenol
Concen: 19.568 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144295.D
Acq: 20 Nov 2025 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 17542

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.7	115.1
141	24.6	17.8	26.8

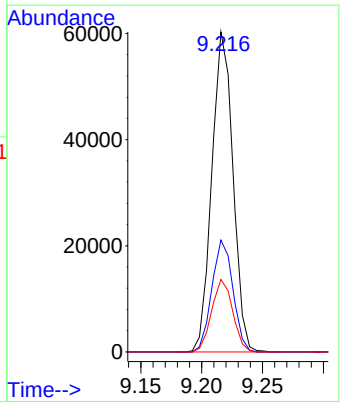


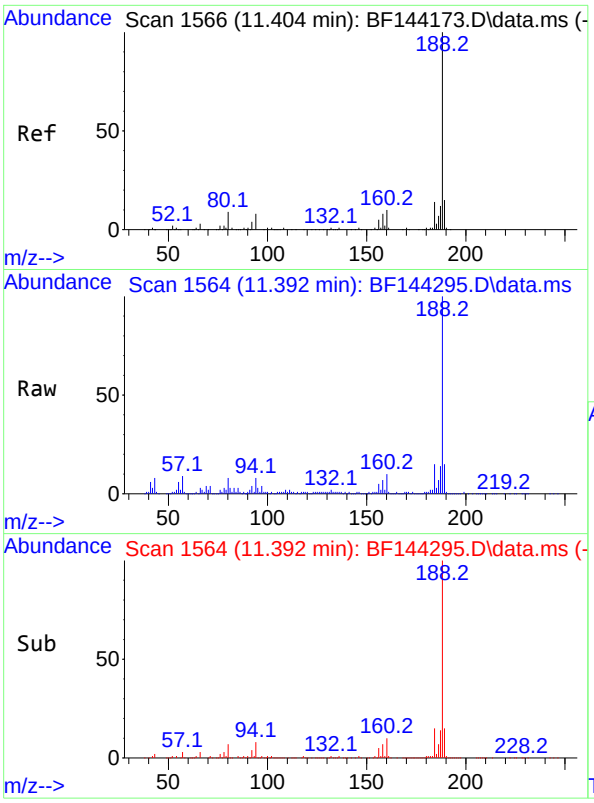


#45
2-Fluorobiphenyl
Concen: 15.043 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144295.D
Acq: 20 Nov 2025 15:30

Tgt Ion:172 Resp: 72762

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	22.6	18.6	28.0



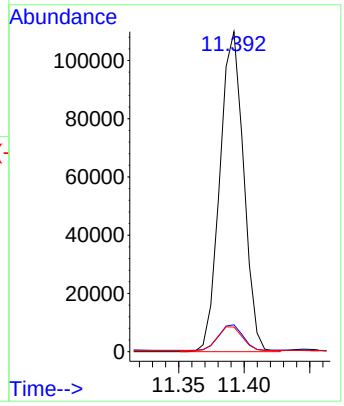


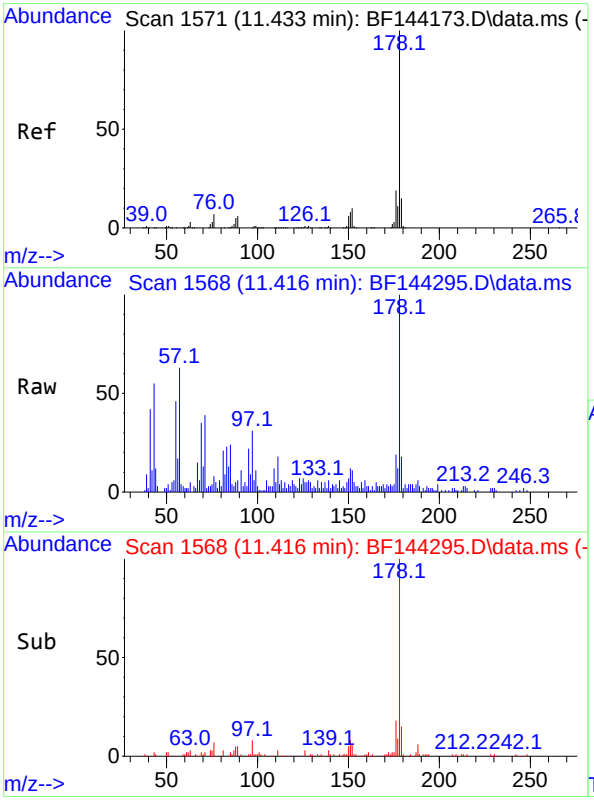
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144295.D
Acq: 20 Nov 2025 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 138272

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.2	9.2
80	7.7	6.9	10.3

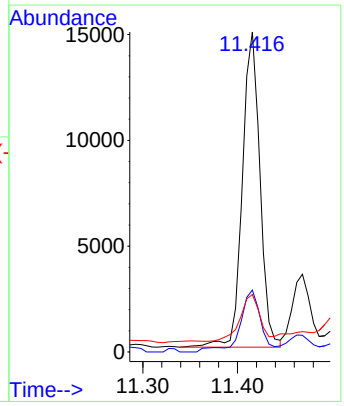


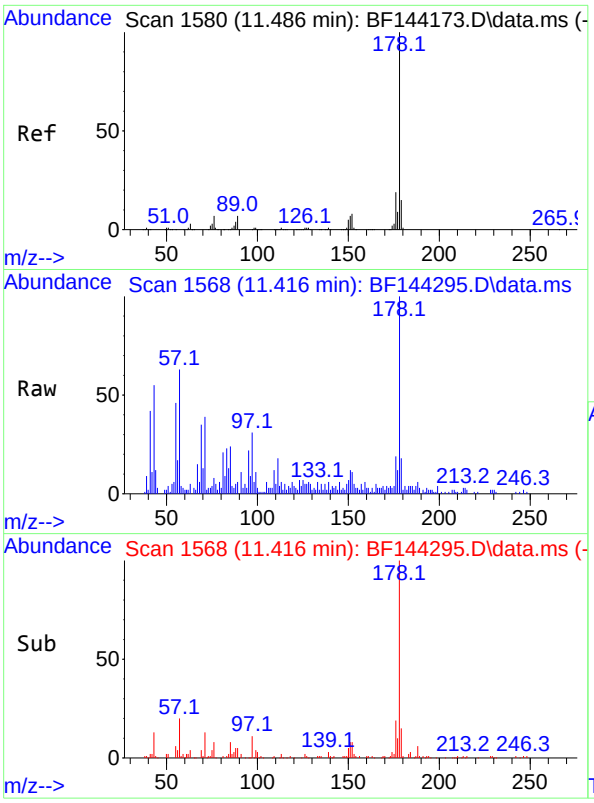


#71
Phenanthrene
Concen: 2.792 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF144295.D
Acq: 20 Nov 2025 15:30

Tgt Ion:178 Resp: 19223

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	17.9	12.2	18.4



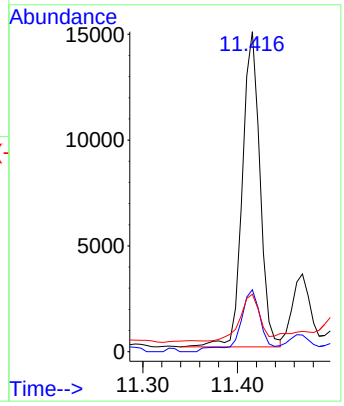


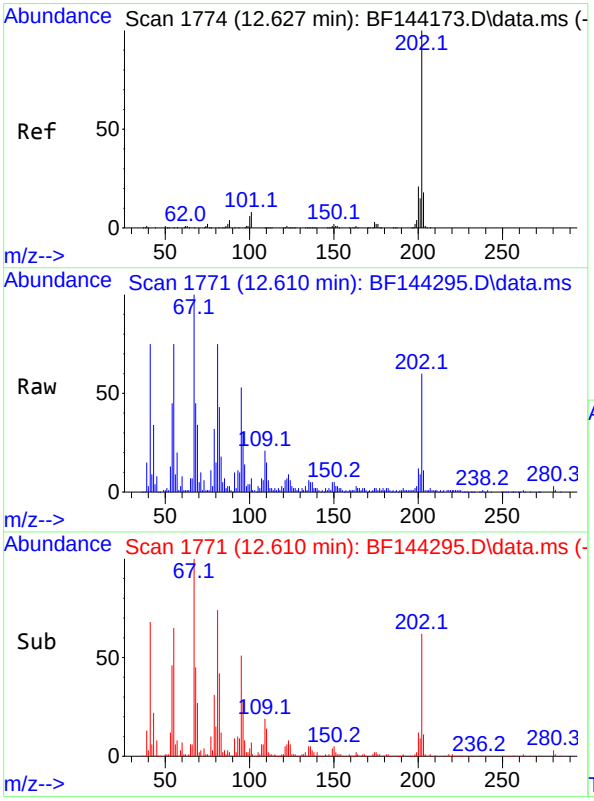
#72
Anthracene
Concen: 2.746 ng
RT: 11.416 min Scan# 1
Delta R.T. -0.065 min
Lab File: BF144295.D
Acq: 20 Nov 2025 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 19223

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	17.9	12.0	18.0

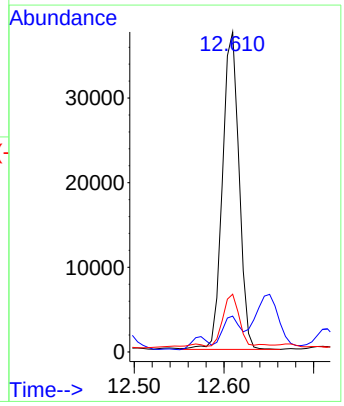


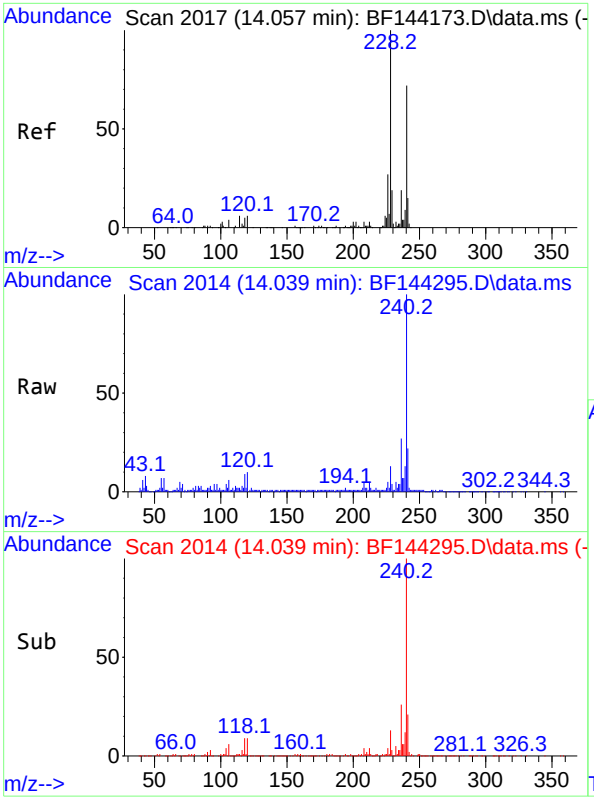


#75
Fluoranthene
Concen: 6.757 ng
RT: 12.610 min Scan# 1771
Delta R.T. -0.012 min
Lab File: BF144295.D
Acq: 20 Nov 2025 15:30

Tgt Ion:202 Resp: 48050

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	27.9
203	18.1	0.0	37.5



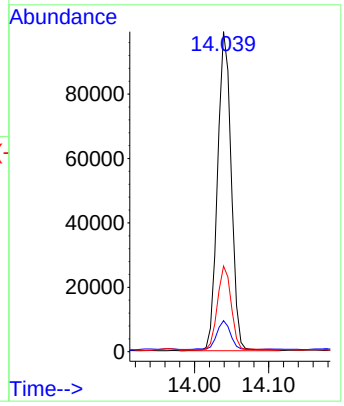


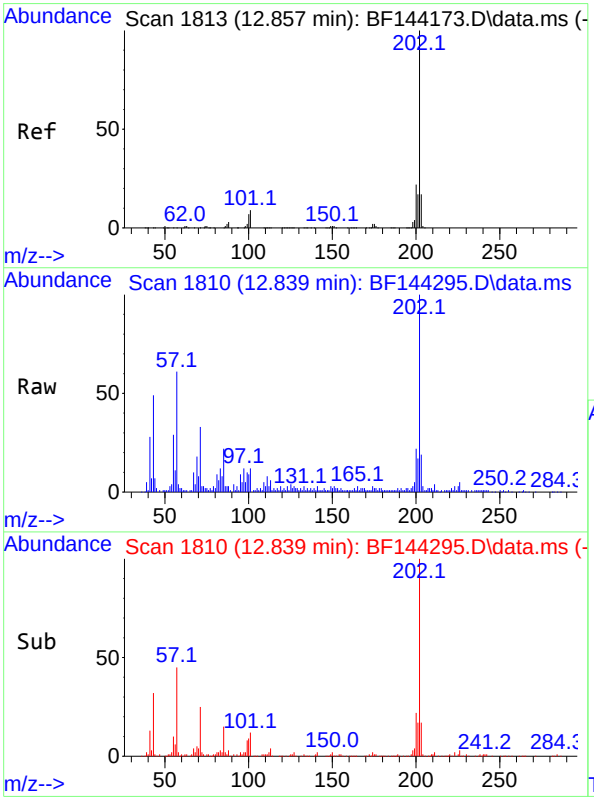
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144295.D
Acq: 20 Nov 2025 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 127014

Ion	Ratio	Lower	Upper
240	100		
120	9.7	6.6	10.0
236	26.7	21.4	32.2

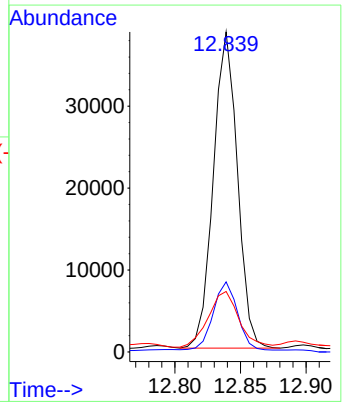


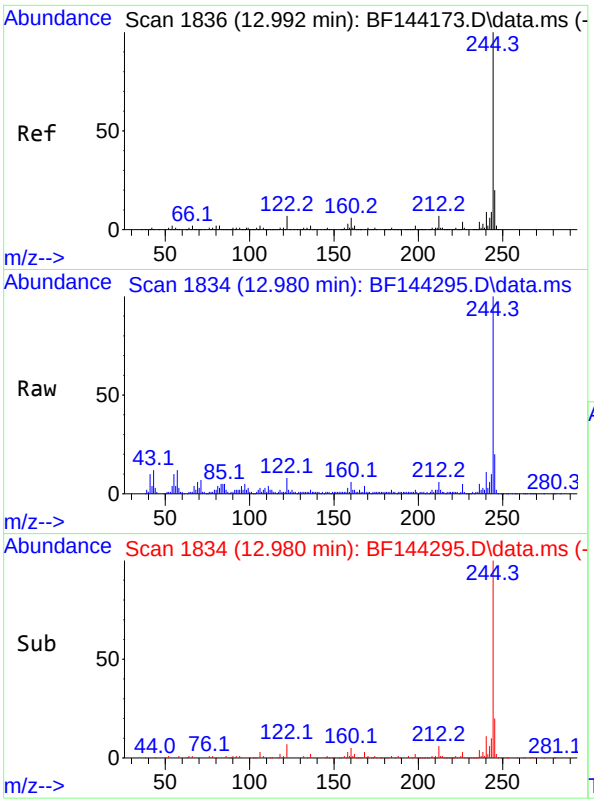


#78
Pyrene
Concen: 4.806 ng
RT: 12.839 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF144295.D
Acq: 20 Nov 2025 15:30

Tgt Ion:202 Resp: 49218

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.2	25.8
203	18.9	13.7	20.5



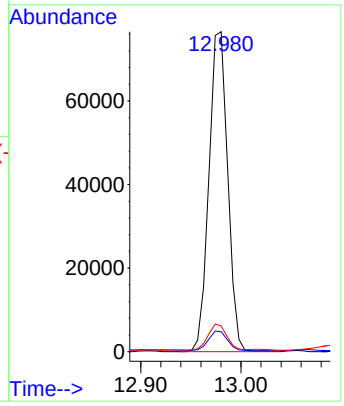


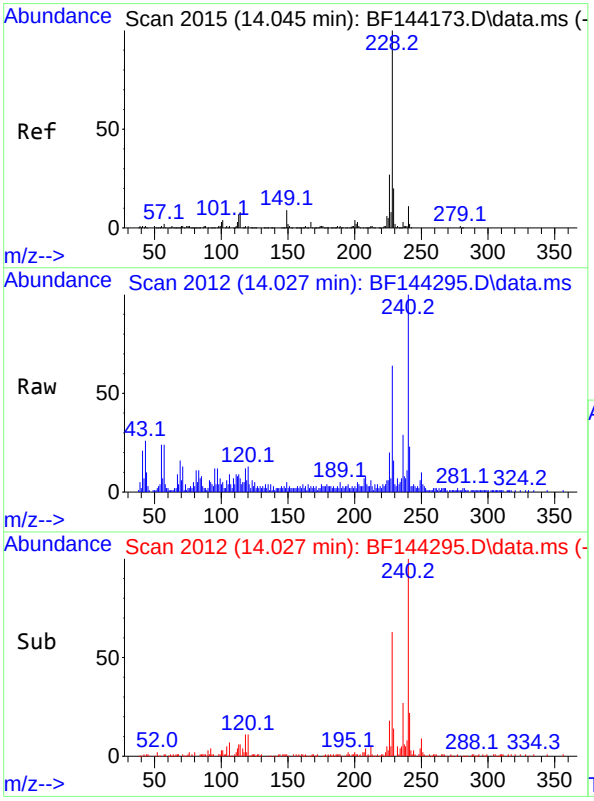
#79
Terphenyl-d14
Concen: 12.495 ng
RT: 12.980 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144295.D
Acq: 20 Nov 2025 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 99916

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.3	7.9
122	8.1	5.6	8.4

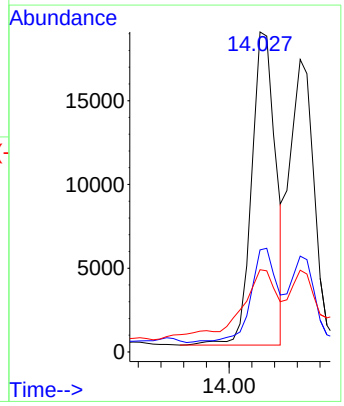


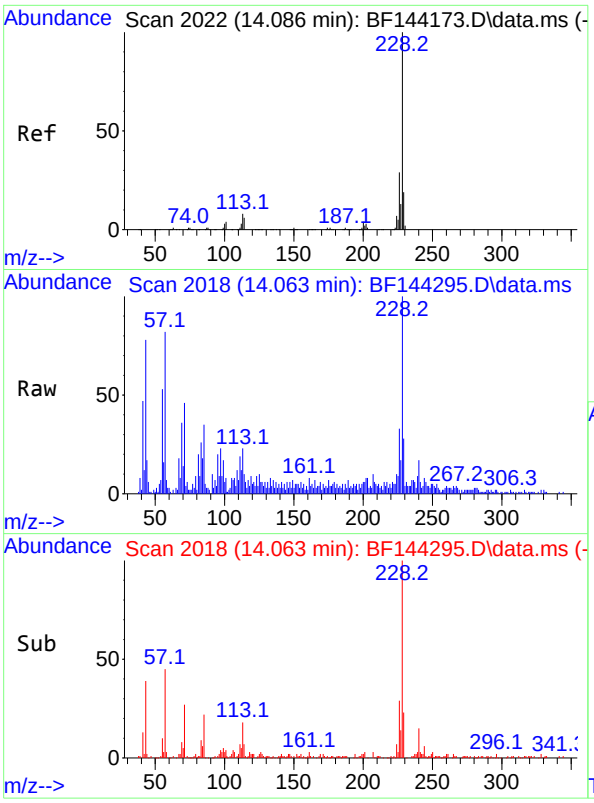


#81
Benzo(a)anthracene
Concen: 3.108 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.018 min
Lab File: BF144295.D
Acq: 20 Nov 2025 15:30

Tgt Ion:228 Resp: 27364

Ion	Ratio	Lower	Upper
228	100		
226	31.9	21.8	32.8
229	25.7	15.8	23.6#



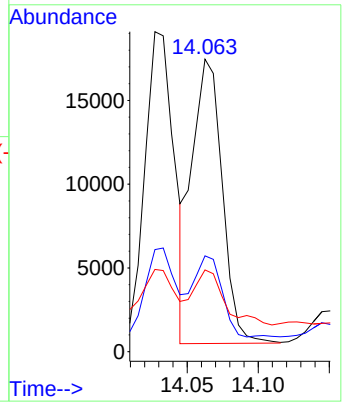


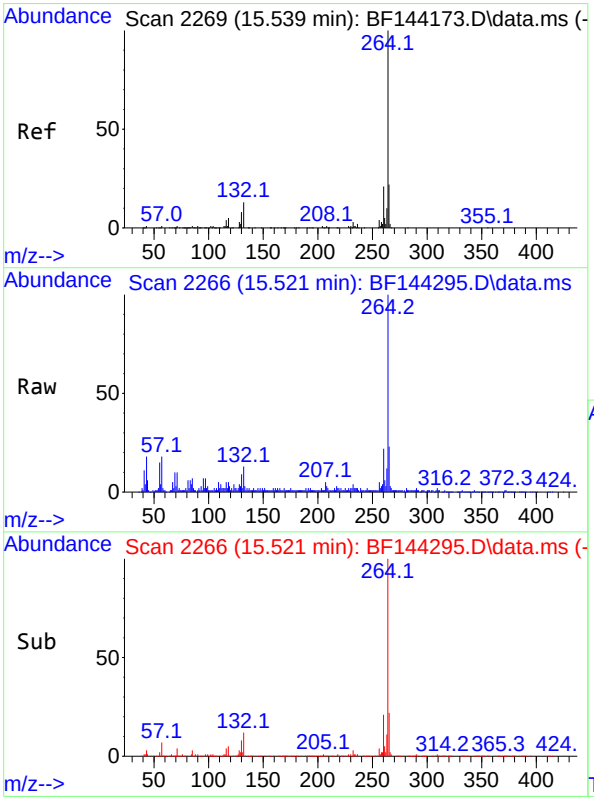
#83
Chrysene
Concen: 3.103 ng
RT: 14.063 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF144295.D
Acq: 20 Nov 2025 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 25220

Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.9	34.3
229	28.0	15.0	22.6#

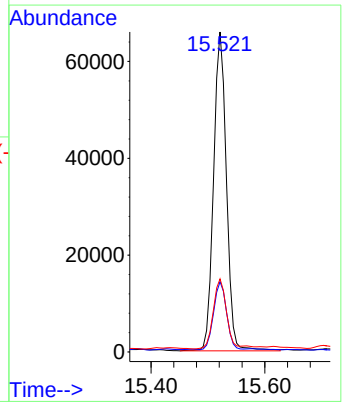


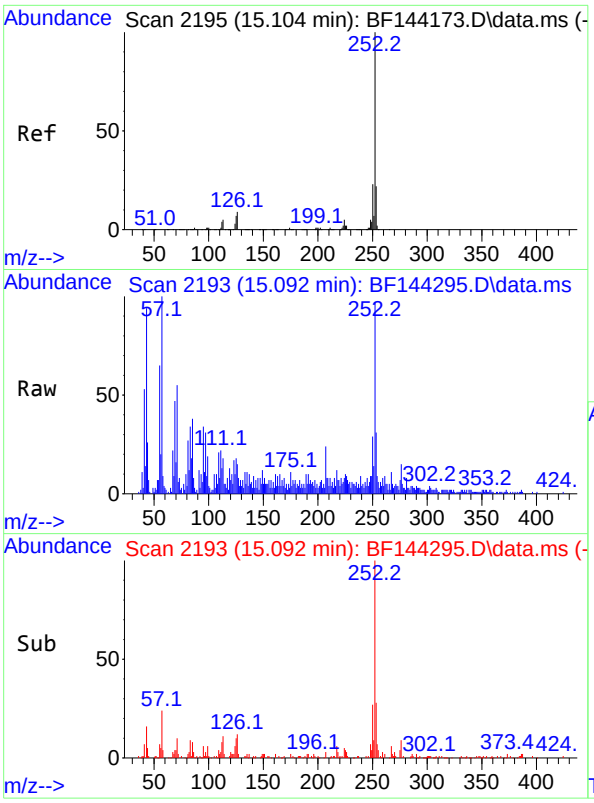


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144295.D
Acq: 20 Nov 2025 15:30

Tgt Ion:264 Resp: 103141

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.1	25.7
265	22.8	17.4	26.0



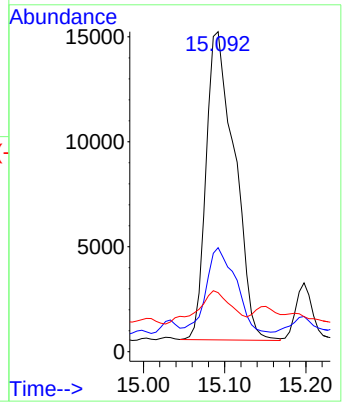


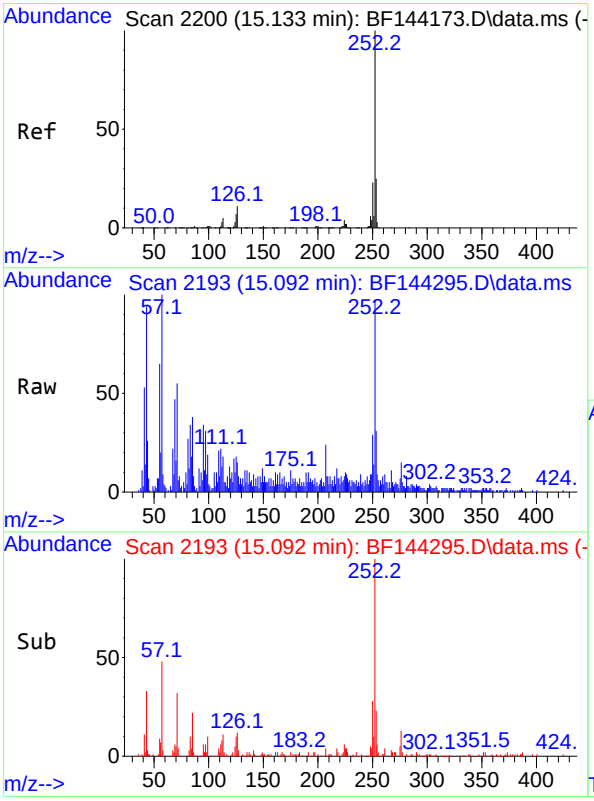
#88
Benzo(b)fluoranthene
Concen: 6.105 ng
RT: 15.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144295.D
Acq: 20 Nov 2025 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 35799

Ion	Ratio	Lower	Upper
252	100		
253	32.5	17.4	26.2#
125	18.4	5.3	7.9#

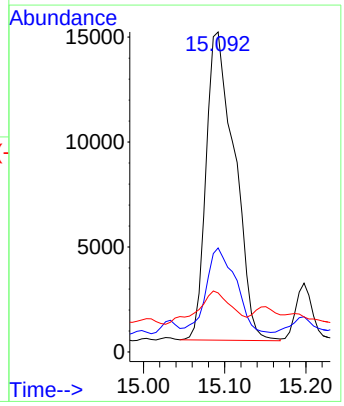


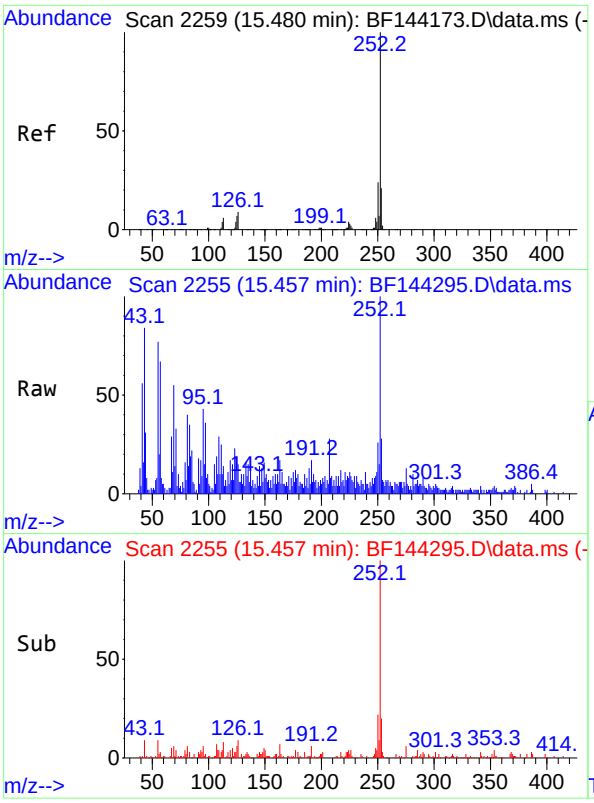


#89
Benzo(k)fluoranthene
Concen: 6.523 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.035 min
Lab File: BF144295.D
Acq: 20 Nov 2025 15:30

Tgt Ion:252 Resp: 35799

Ion	Ratio	Lower	Upper
252	100		
253	32.5	18.0	27.0#
125	18.4	5.4	8.2#



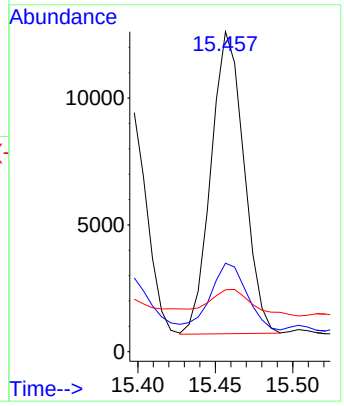


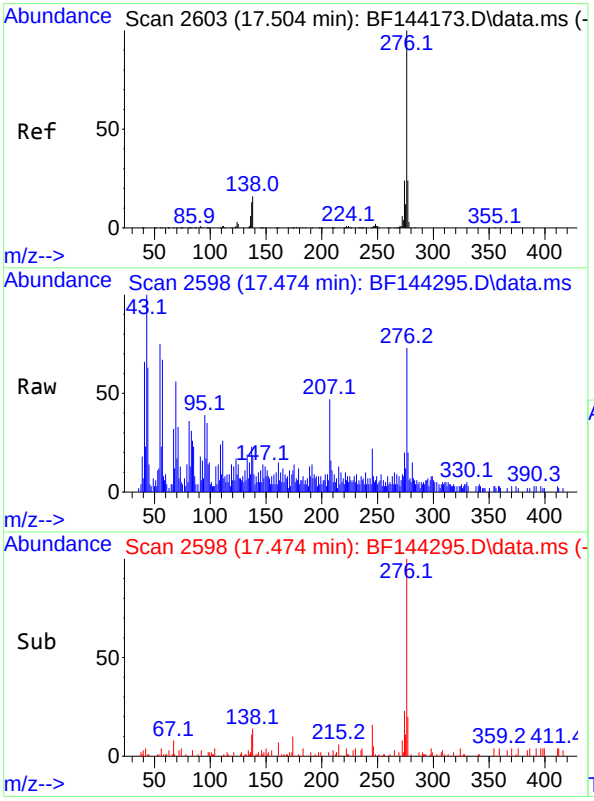
#90
Benzo(a)pyrene
Concen: 3.258 ng
RT: 15.457 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF144295.D
Acq: 20 Nov 2025 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 17623

Ion	Ratio	Lower	Upper
252	100		
253	27.6	16.7	25.1#
125	19.4	5.7	8.5#





#92
Benzo(g,h,i)perylene
Concen: 2.029 ng
RT: 17.474 min Scan# 2598
Delta R.T. -0.018 min
Lab File: BF144295.D
Acq: 20 Nov 2025 15:30

Tgt Ion:276 Resp: 11915

Ion	Ratio	Lower	Upper
276	100		
277	26.8	19.0	28.4
138	25.0	12.9	19.3#