Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136518.D
Acq On : 12 Dec 2023 16:18
Operator : CG\JU
Sample : 05740-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251686

Quant Time: Dec 12 16:52:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	86352	20.000	ng		-0.01
21) Naphthalene-d8	8.069	136	335985	20.000	ng		-0.01
39) Acenaphthene-d10	9.827	164	164119	20.000	ng		-0.01
64) Phenanthrene-d10	11.321	188	271909	20.000	ng		0.00
76) Chrysene-d12	13.974	240	180287	20.000	ng		0.00
86) Perylene-d12	15.457	264	230257	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	412534	70.553	ng		0.00
7) Phenol-d6	6.434	99	507800	69.607	ng		-0.01
23) Nitrobenzene-d5	7.351	82	287376	46.239	ng		-0.02
42) 2,4,6-Tribromophenol	10.622	330	126409	62.467	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	572341	47.585	ng		-0.02
79) Terphenyl-d14	12.915	244	489044	35.753	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.351	77	541	Below Cal			94
19) n-Nitroso-di-n-propyla...	7.351	70	37814	8.986	ng	#	74
25) Isophorone	7.351	82	287376	25.737	ng	#	65
50) Dimethylphthalate	9.827	163	33359	2.761	ng	#	1
57) 2,4-Dinitrotoluene	9.827	165	22114	6.150	ng	#	29
71) Phenanthrene	11.345	178	183753	12.295	ng		99
72) Anthracene	11.392	178	36494	2.424	ng		97
75) Fluoranthene	12.539	202	290427	18.544	ng		97
77) Benzidine	12.668	184	407	Below Cal		#	1
78) Pyrene	12.768	202	270001	15.292	ng		99
81) Benzo(a)anthracene	13.962	228	132851	10.579	ng		97
83) Chrysene	13.998	228	121292	9.817	ng		97
87) Indeno(1,2,3-cd)pyrene	16.945	276	89944	5.623	ng		97
88) Benzo(b)fluoranthene	15.015	252	237357	15.077	ng	#	95
89) Benzo(k)fluoranthene	15.015	252	237357	15.998	ng		95
90) Benzo(a)pyrene	15.386	252	138125	10.624	ng		99
92) Benzo(g,h,i)perylene	17.398	276	84579	6.288	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
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Operator : CG\JU
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Misc :
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Instrument :
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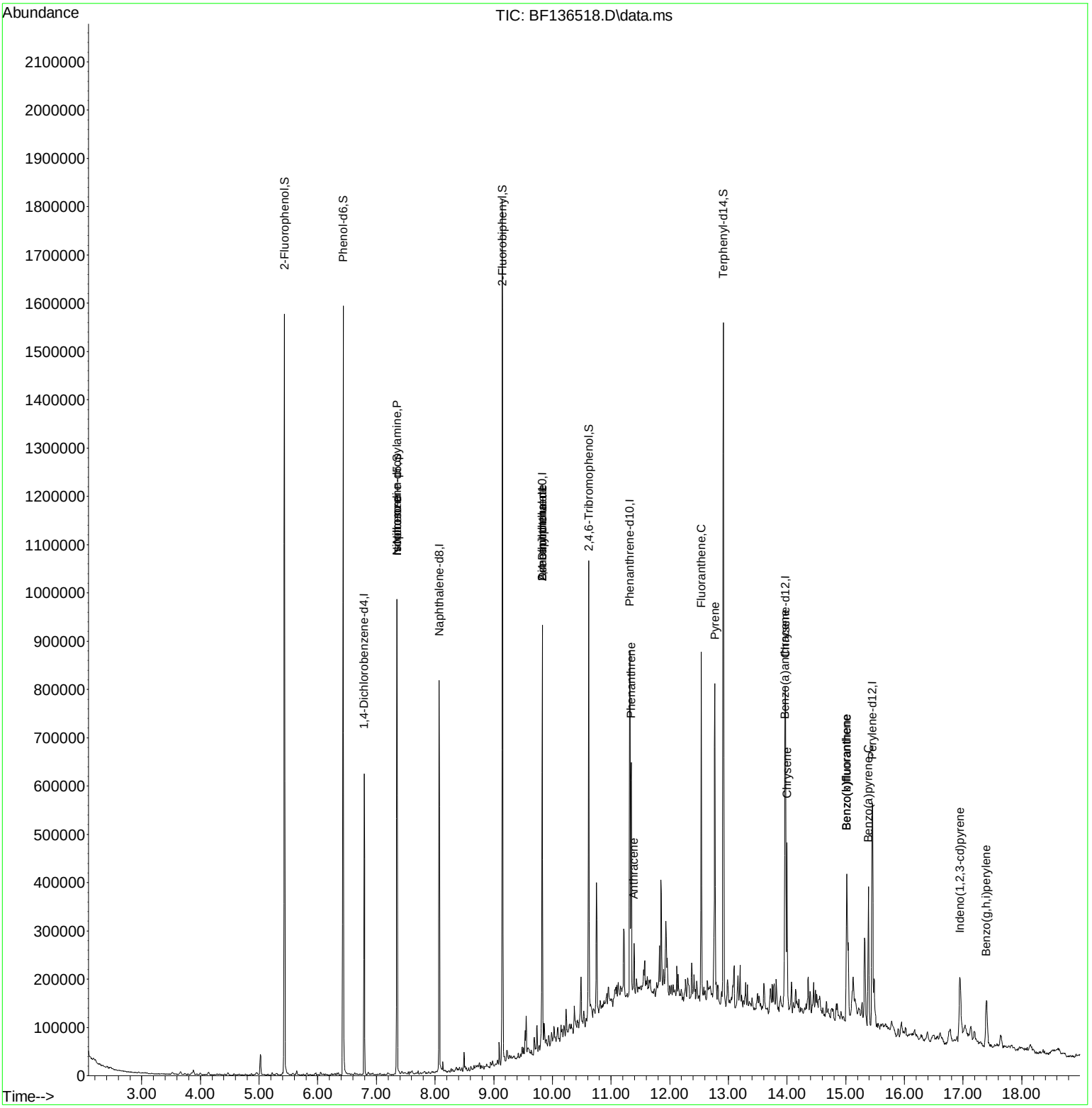
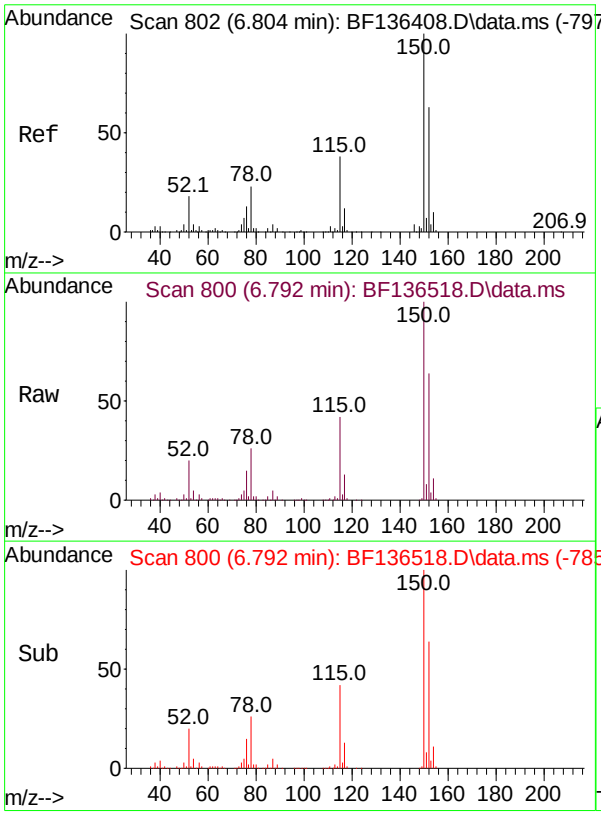
Quant Time: Dec 12 16:52:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration



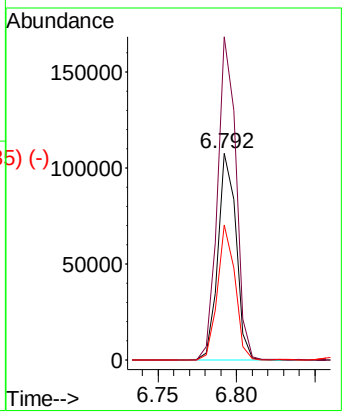


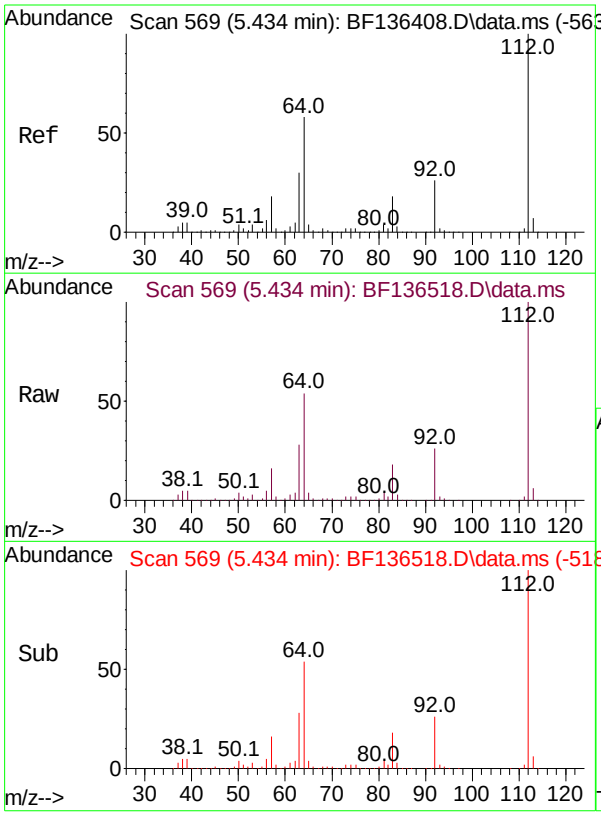
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Instrument :
BNA_F
ClientSampleId :
RBR-251686

Tgt Ion:152 Resp: 86352

Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.4	189.6
115	65.2	48.2	72.4

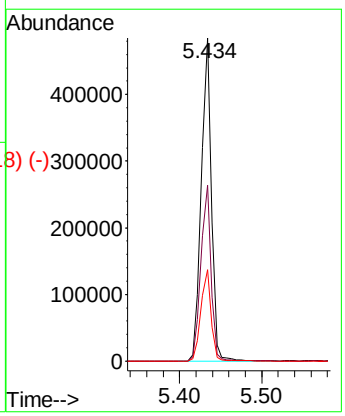


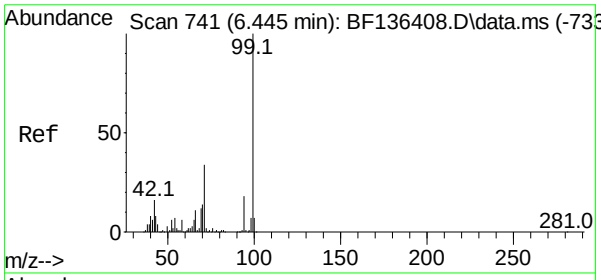


2-Fluorophenol
Concen: 70.553 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Tgt Ion:112 Resp: 412534

Ion	Ratio	Lower	Upper
112	100		
64	54.4	46.5	69.7
63	28.3	23.9	35.9



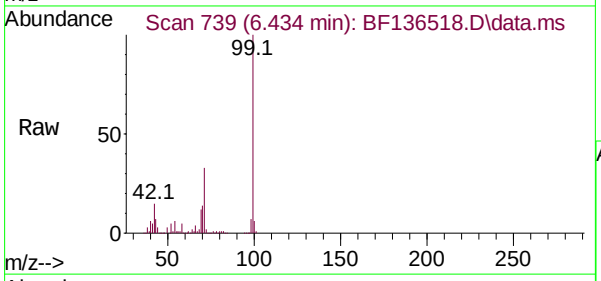


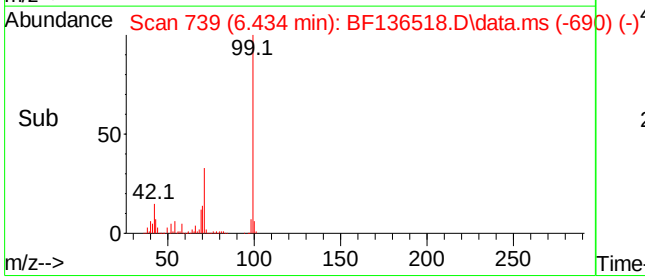
#7
Phenol-d6
Concen: 69.607 ng
RT: 6.434 min Scan#
Delta R.T. -0.012 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

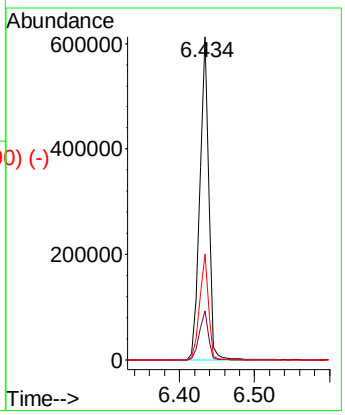
Instrument :
BNA_F
ClientSampleId :
RBR-251686

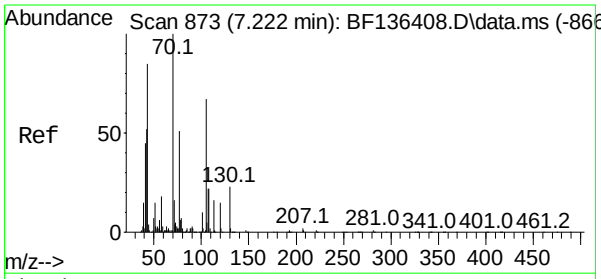
Tgt Ion: 99 Resp: 507800

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.8	19.2
71	32.8	27.0	40.4





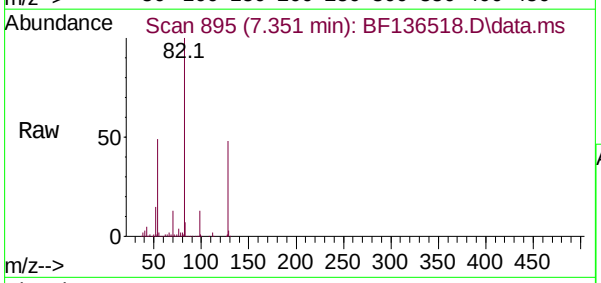


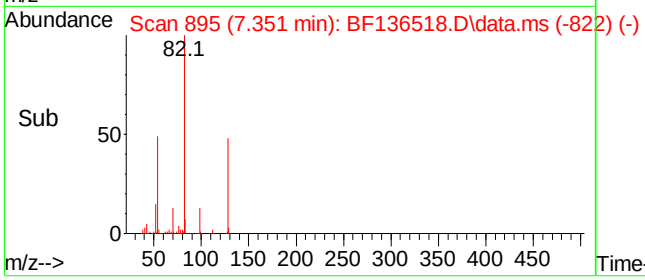


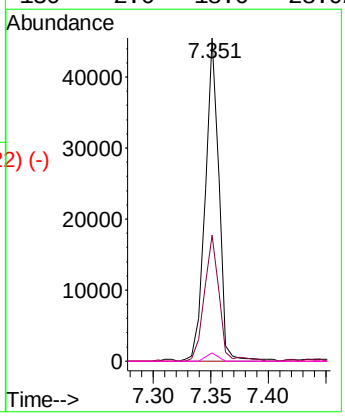
#9
n-Nitroso-di-n-propylamine
Concen: 8.986 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

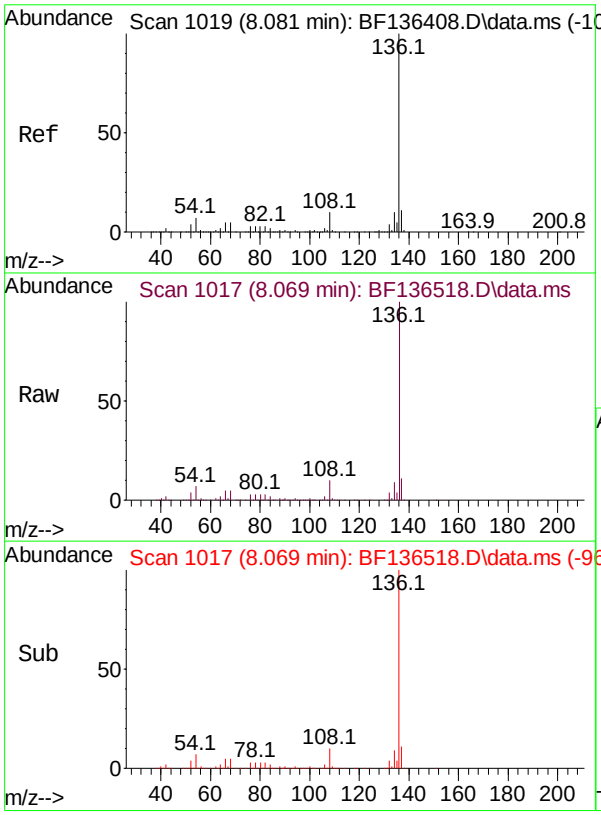
Tgt Ion: 70 Resp: 37814

Ion	Ratio	Lower	Upper
70	100		
42	38.9	41.4	62.0#
101	0.0	8.2	12.4#
130	2.6	18.6	28.0#







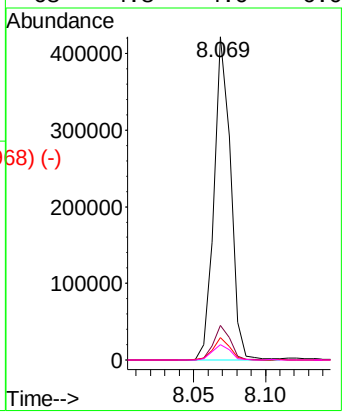


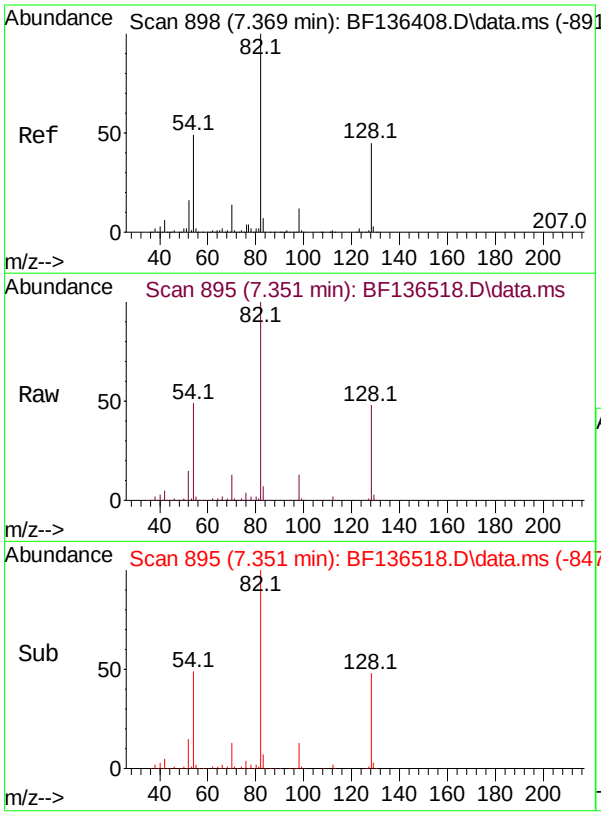
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Instrument :
BNA_F
ClientSampleId :
RBR-251686

Tgt Ion:136 Resp: 335985

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	7.0	5.7	8.5
68	4.8	4.0	6.0

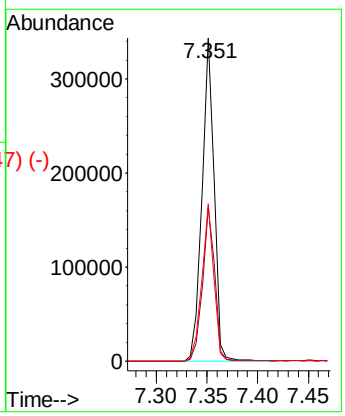


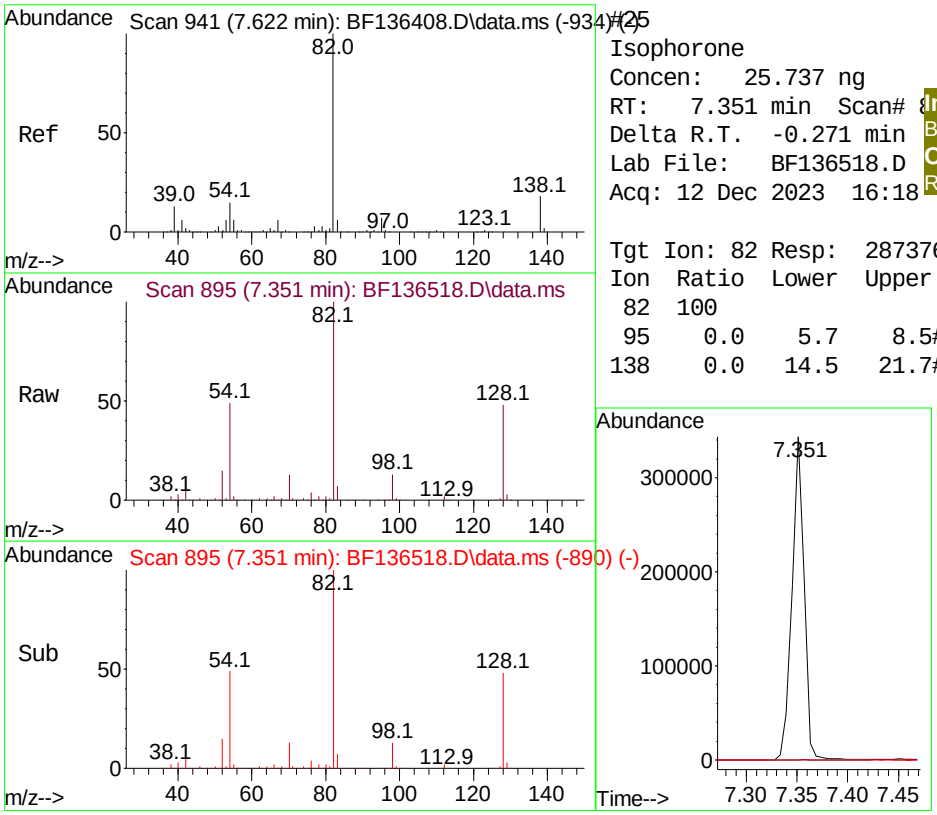


#23
Nitrobenzene-d5
Concen: 46.239 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Tgt Ion: 82 Resp: 287376

Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.3	54.5
54	48.7	39.0	58.6



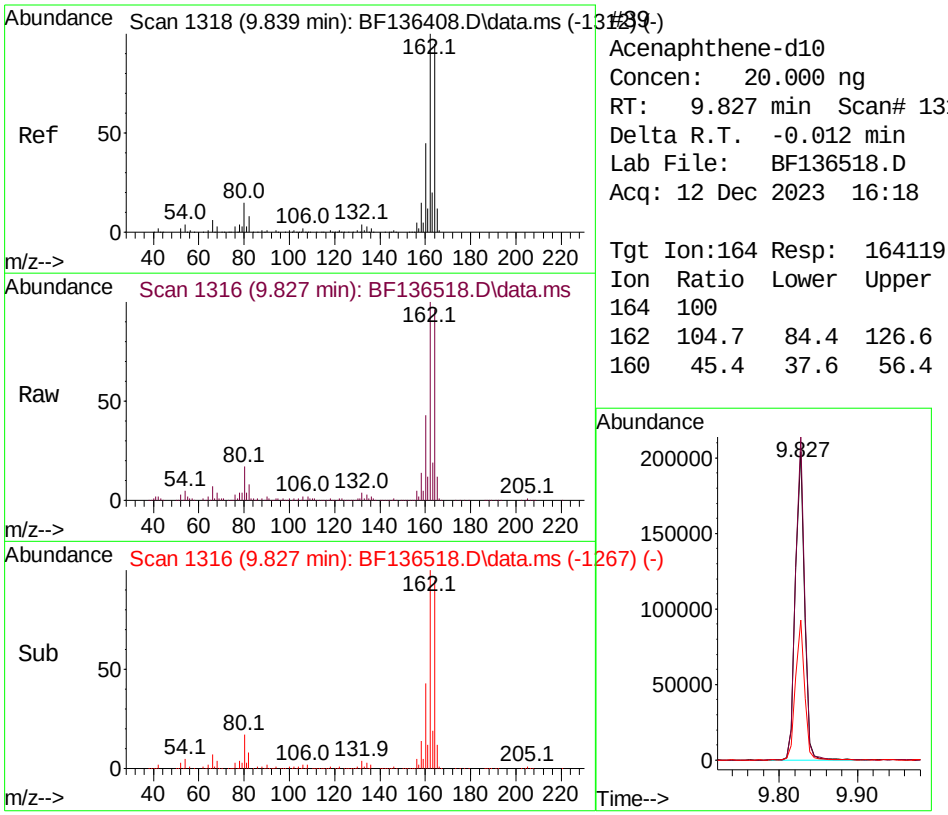


#25
Isophorone
Concen: 25.737 ng
RT: 7.351 min Scan# 8
Delta R.T. -0.271 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Instrument :
BNA_F
ClientSampleId :
RBR-251686

Tgt Ion: 82 Resp: 287376

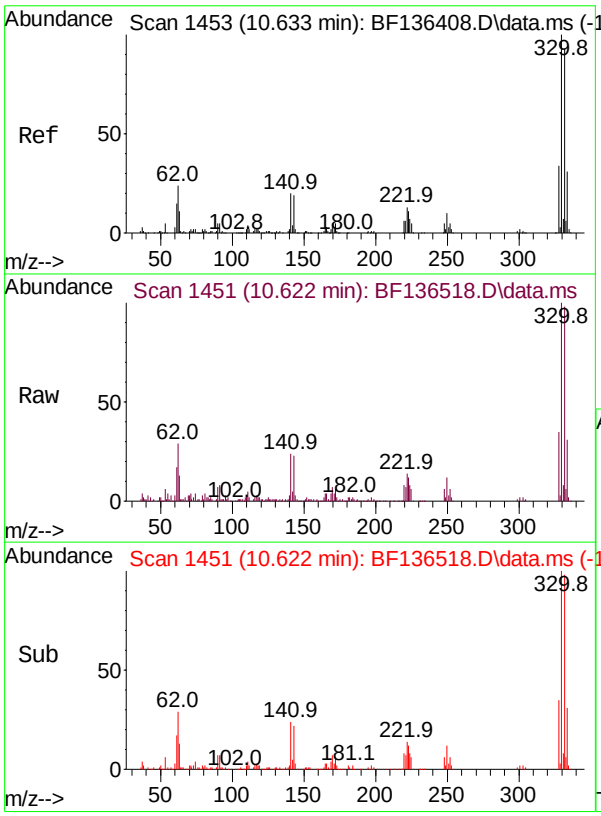
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	14.5	21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Tgt Ion:164 Resp: 164119

Ion	Ratio	Lower	Upper
164	100		
162	104.7	84.4	126.6
160	45.4	37.6	56.4

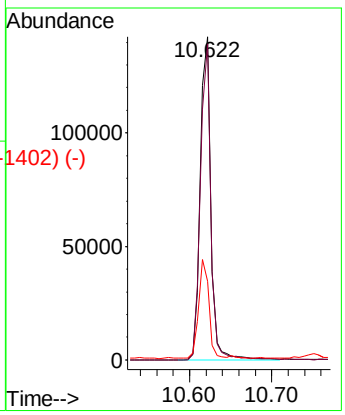


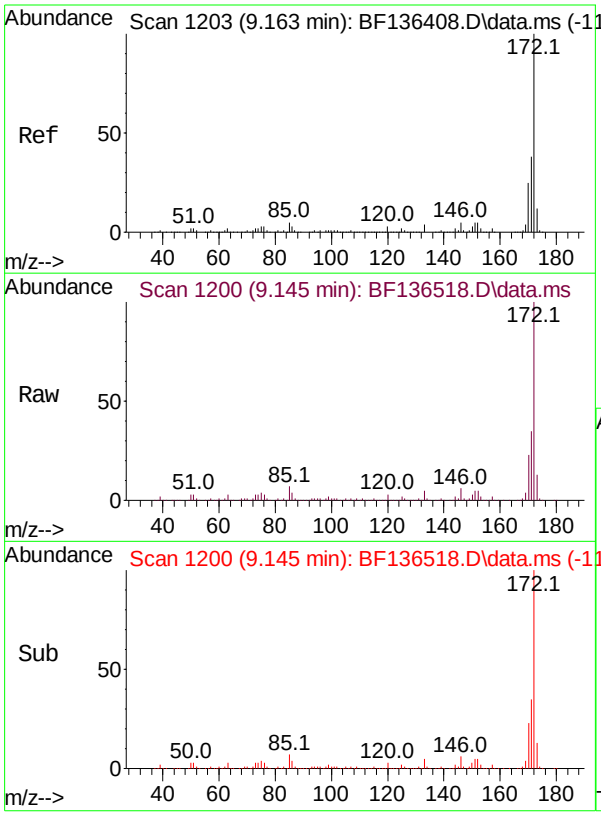
#42
2,4,6-Tribromophenol
Concen: 62.467 ng
RT: 10.622 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Instrument :
BNA_F
ClientSampleId :
RBR-251686

Tgt Ion:330 Resp: 126409

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.4	114.6
141	28.9	23.4	35.2

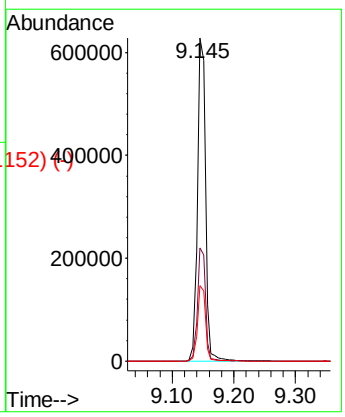


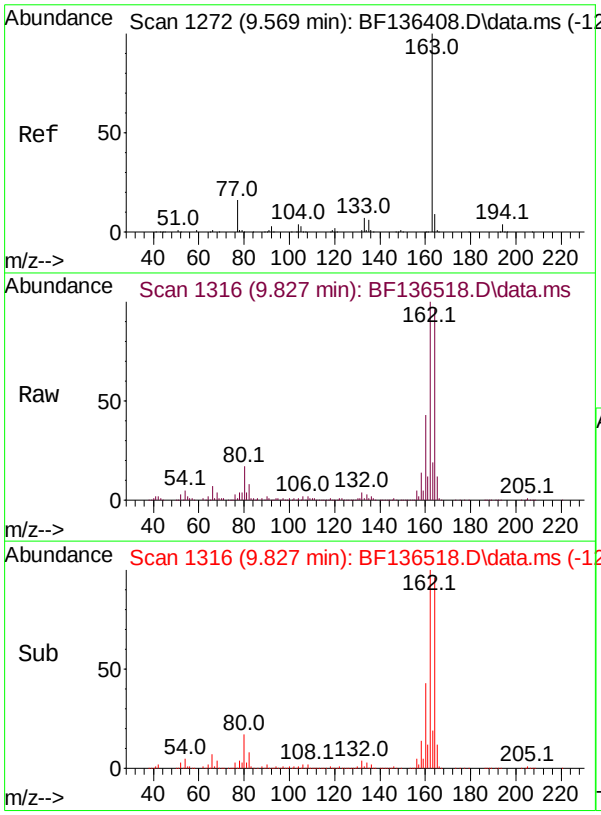


#45
2-Fluorobiphenyl
Concen: 47.585 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.018 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Tgt Ion:172 Resp: 572341

Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.5	45.7
170	23.4	19.9	29.9



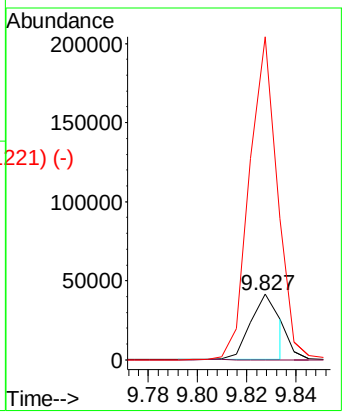


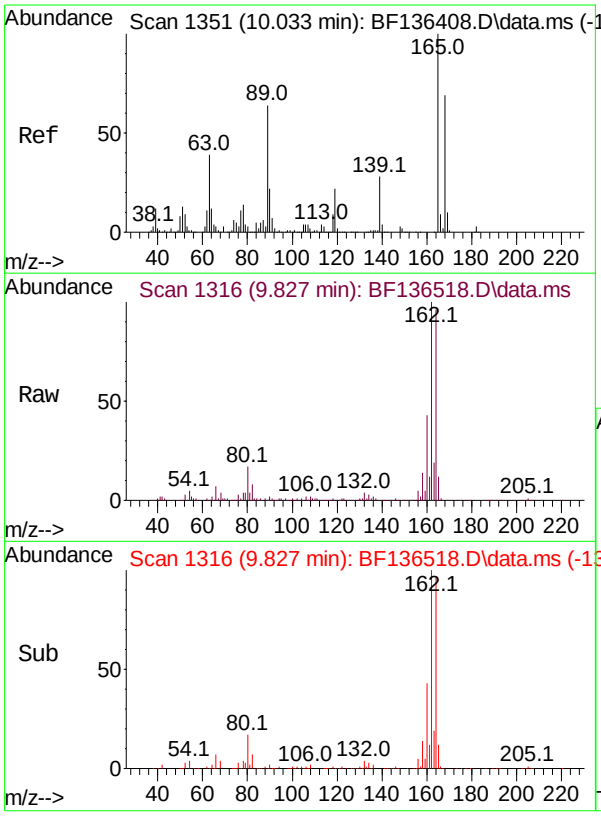
#50
Dimethylphthalate
Concen: 2.761 ng
RT: 9.827 min Scan# 1
Delta R.T. 0.259 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Instrument :
BNA_F
ClientSampleId :
RBR-251686

Tgt Ion:163 Resp: 33359

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.6#
164	492.5	7.4	11.2#

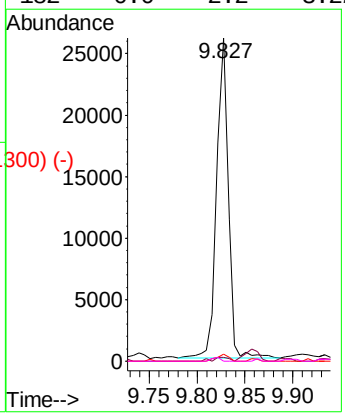


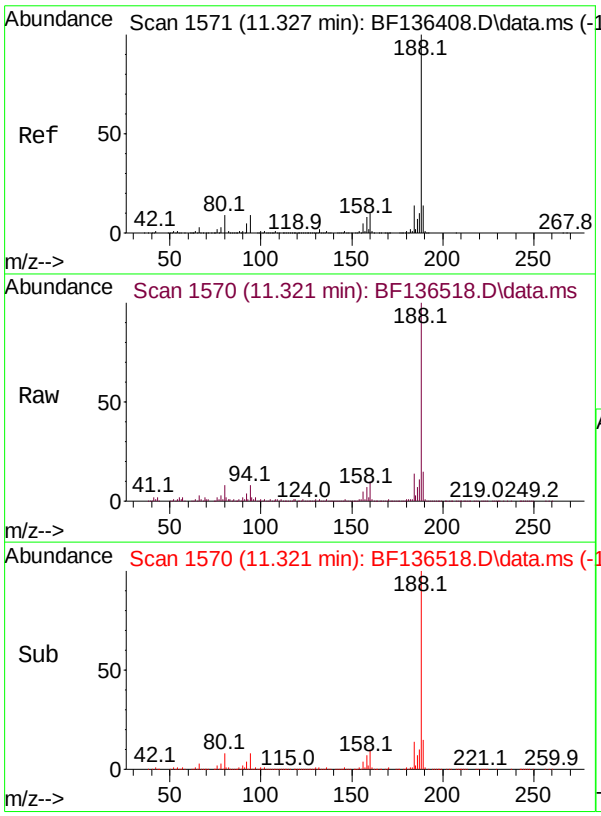


#57
2,4-Dinitrotoluene
Concen: 6.150 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.206 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Tgt Ion:165 Resp: 22114

Ion	Ratio	Lower	Upper
165	100		
63	1.2	31.4	47.2#
89	2.2	51.7	77.5#
182	0.0	2.2	3.2#



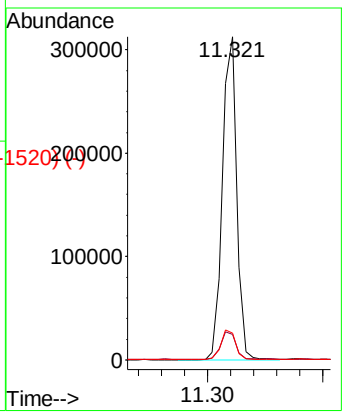


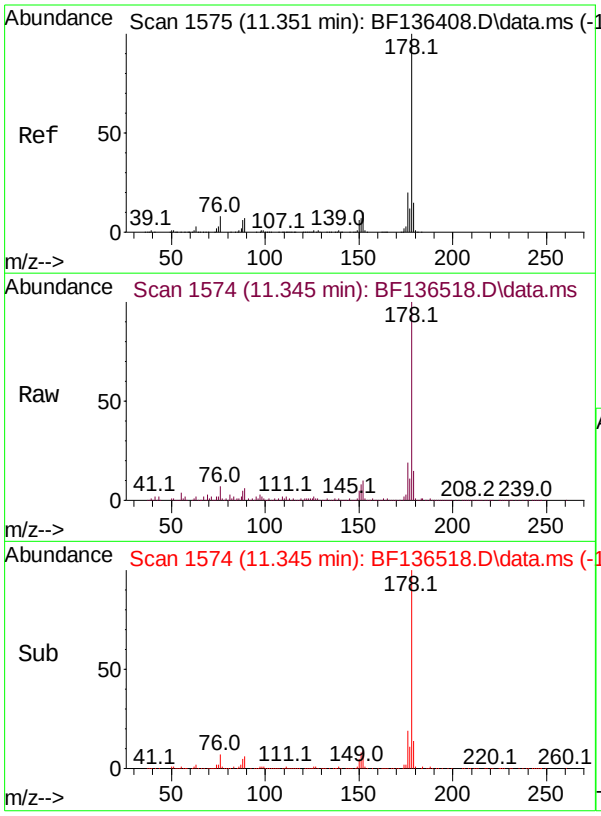
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Instrument :
BNA_F
ClientSampleId :
RBR-251686

Tgt Ion:188 Resp: 271909

Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.2	10.8
80	8.3	7.2	10.8

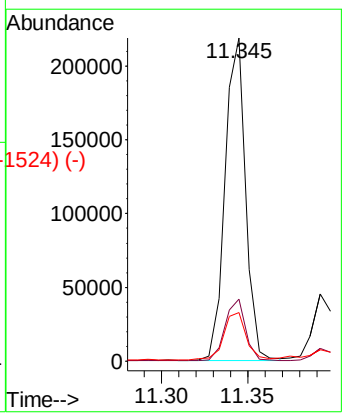


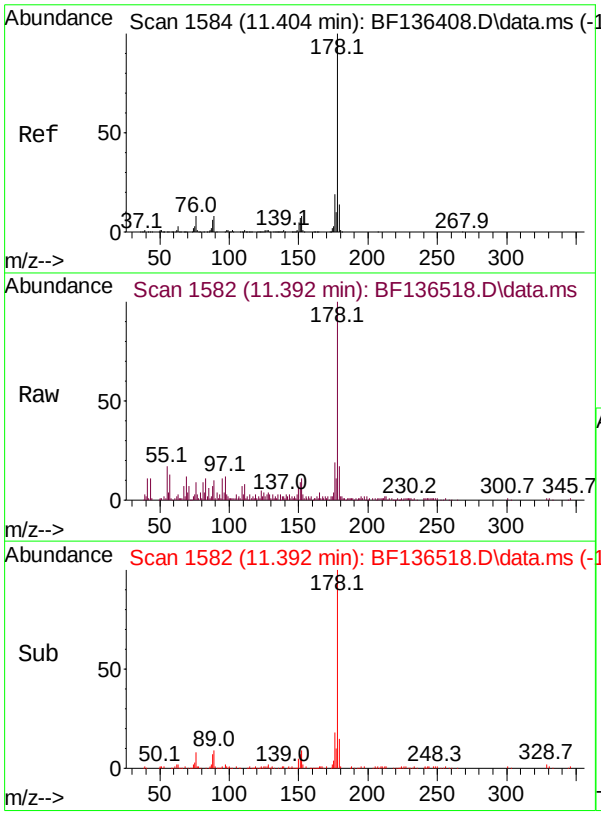


#71
Phenanthrene
Concen: 12.295 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Tgt Ion:178 Resp: 183753

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.0	11.8	17.6



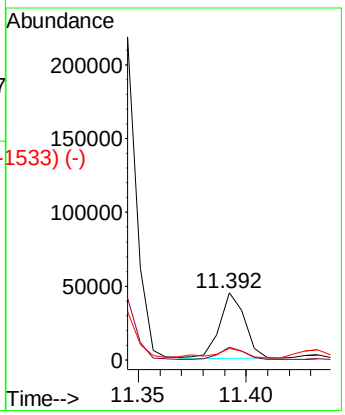


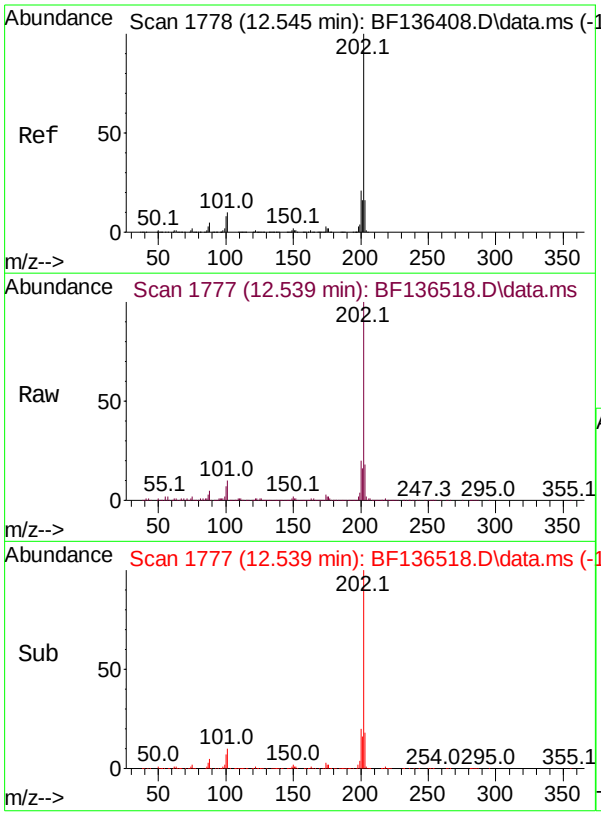
#72
Anthracene
Concen: 2.424 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Instrument :
BNA_F
ClientSampleId :
RBR-251686

Tgt Ion:178 Resp: 36494

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	16.9	11.4	17.0

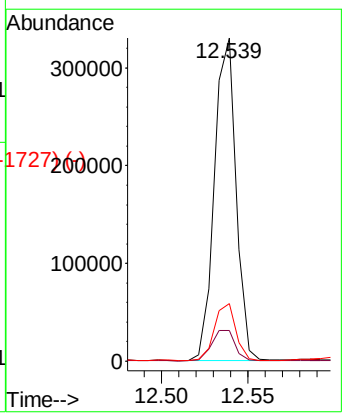


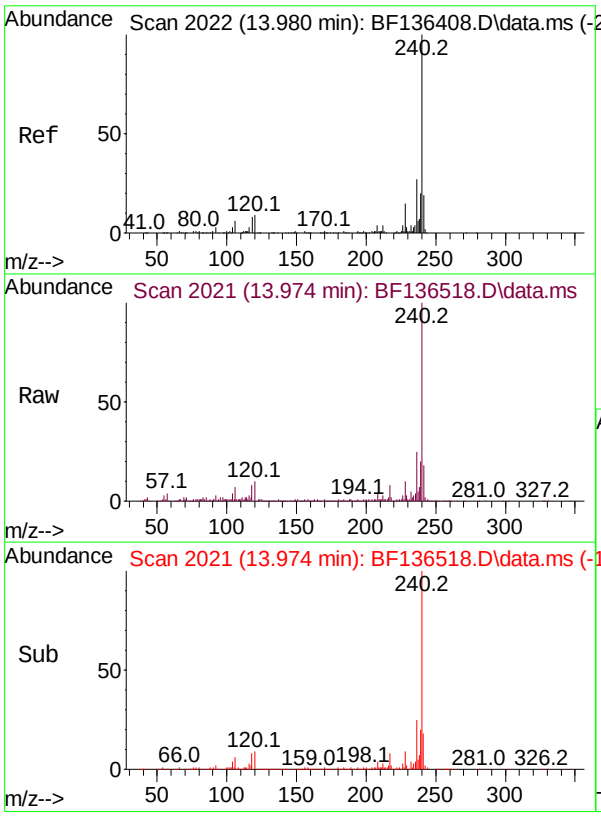


#75
Fluoranthene
Concen: 18.544 ng
RT: 12.539 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Tgt Ion:202 Resp: 290427

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.9
203	17.8	0.0	36.3



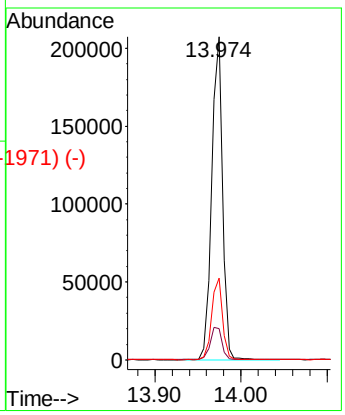


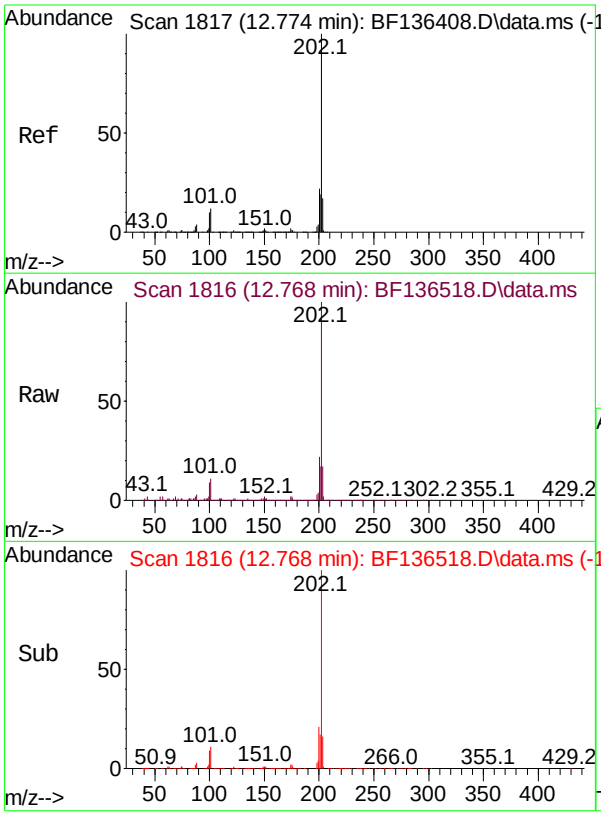
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Instrument :
BNA_F
ClientSampleId :
RBR-251686

Tgt Ion:240 Resp: 180287

Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.3	10.9
236	25.3	21.3	31.9

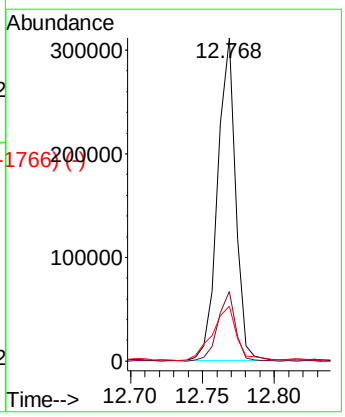


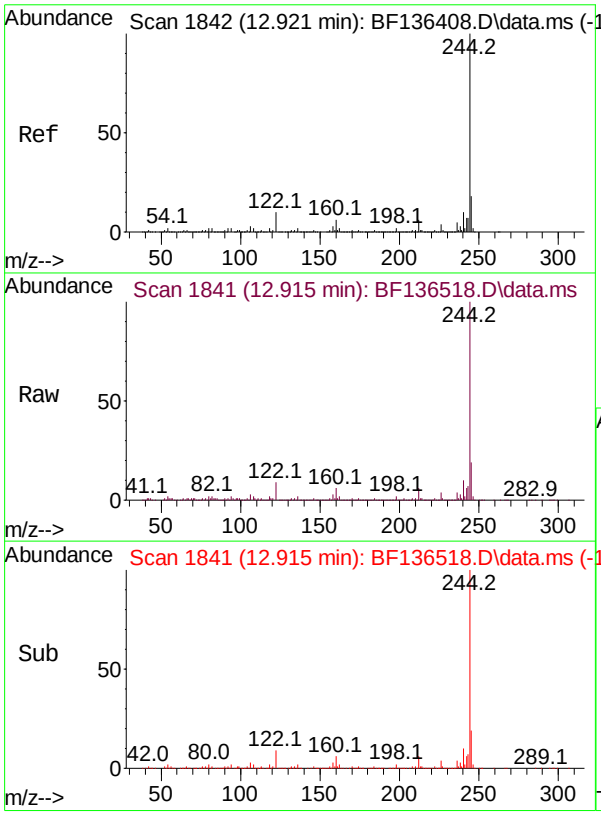


#78
Pyrene
Concen: 15.292 ng
RT: 12.768 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Tgt Ion:202 Resp: 270001

Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.0	27.0
203	17.1	13.5	20.3



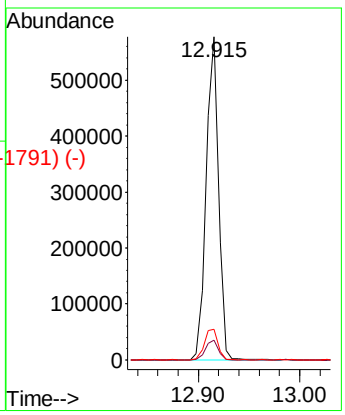


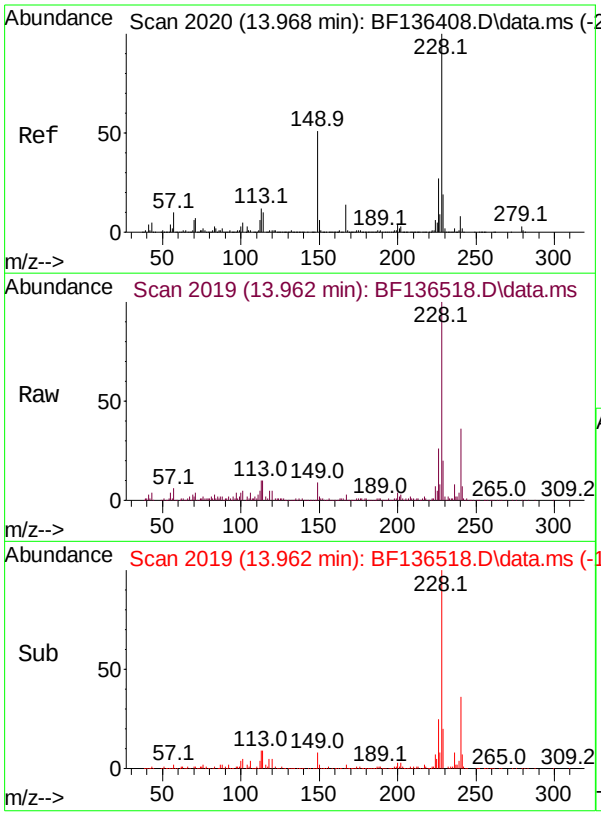
#79
Terphenyl-d14
Concen: 35.753 ng
RT: 12.915 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Instrument :
BNA_F
ClientSampleId :
RBR-251686

Tgt Ion:244 Resp: 489044

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.0	7.4
122	9.4	8.3	12.5

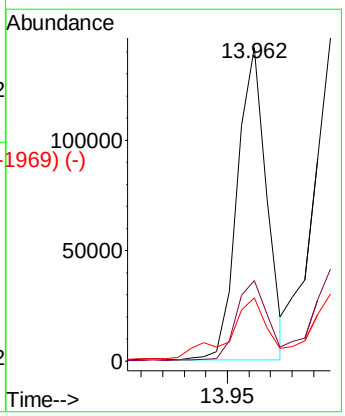


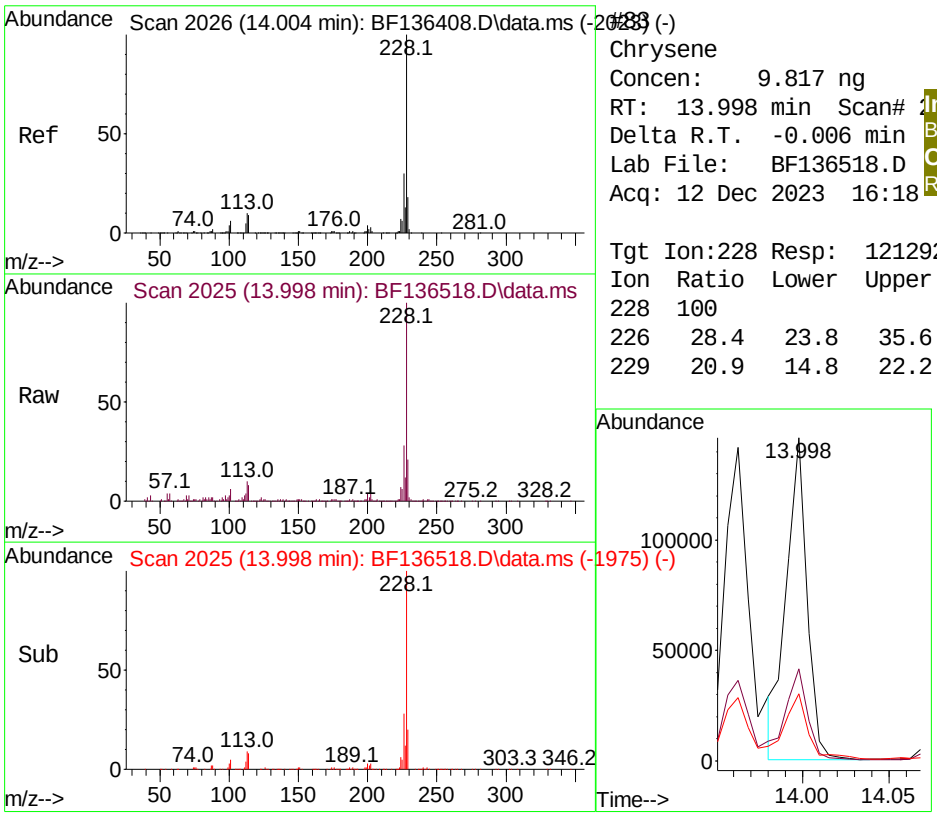


#81
Benzo(a)anthracene
Concen: 10.579 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Tgt Ion:228 Resp: 132851

Ion	Ratio	Lower	Upper
228	100		
226	25.7	21.8	32.8
229	20.1	15.0	22.4



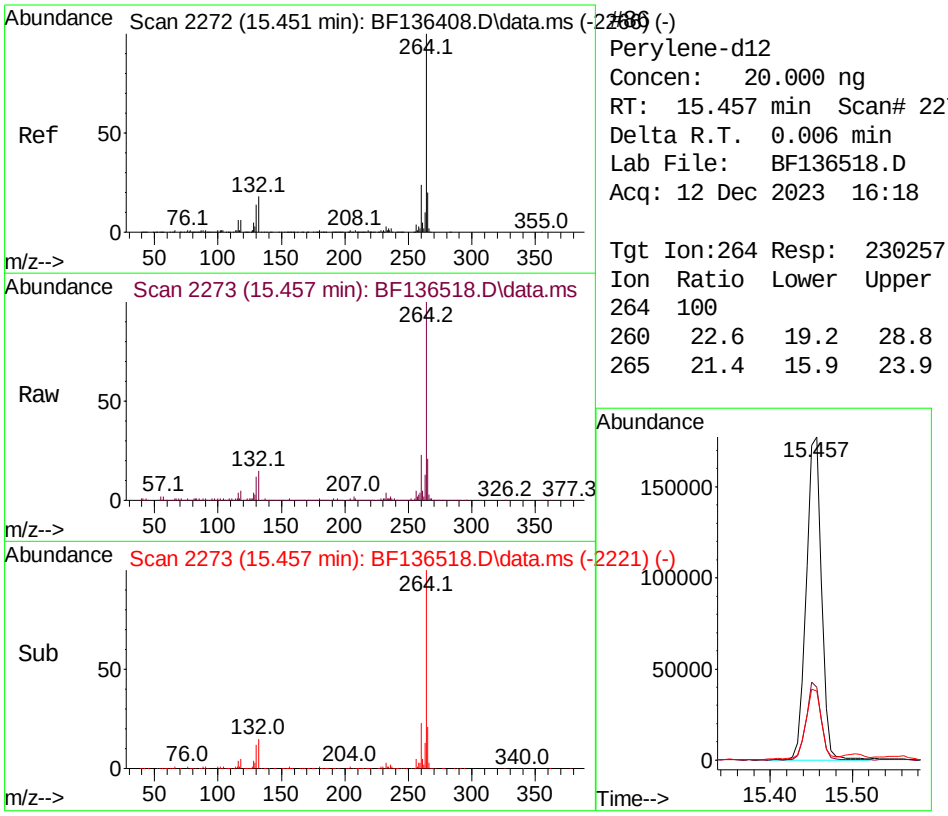


#88
Chrysene
Concen: 9.817 ng
RT: 13.998 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Instrument :
BNA_F
ClientSampleId :
RBR-251686

Tgt Ion:228 Resp: 121292

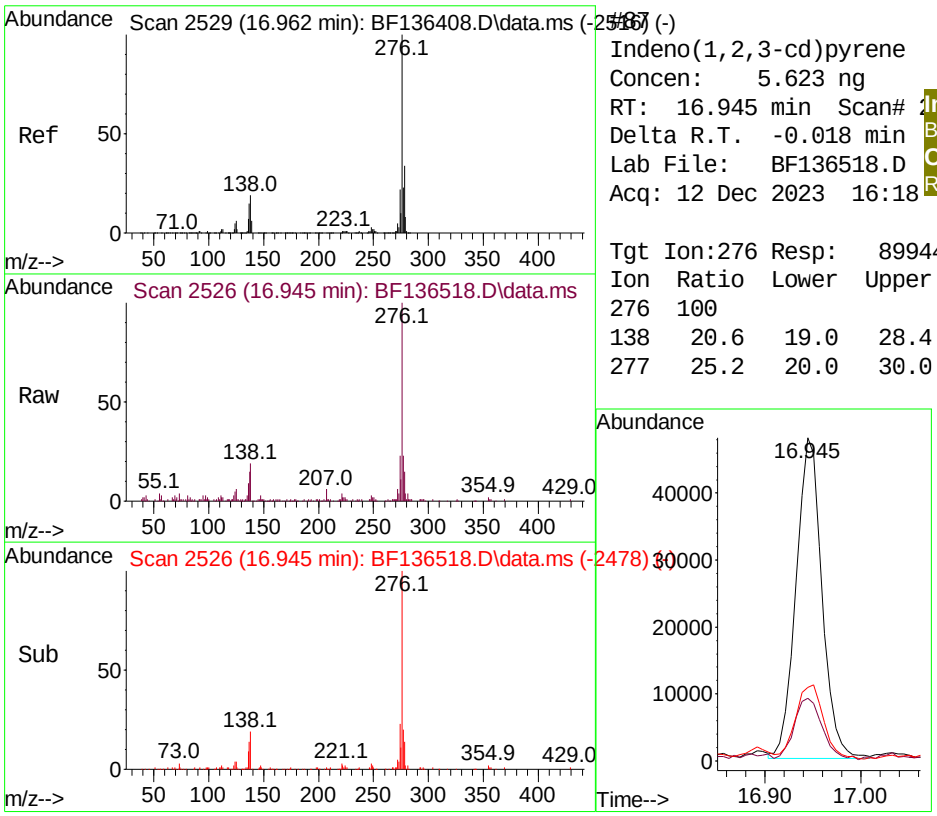
Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.8	35.6
229	20.9	14.8	22.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Tgt Ion:264 Resp: 230257

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.4	15.9	23.9

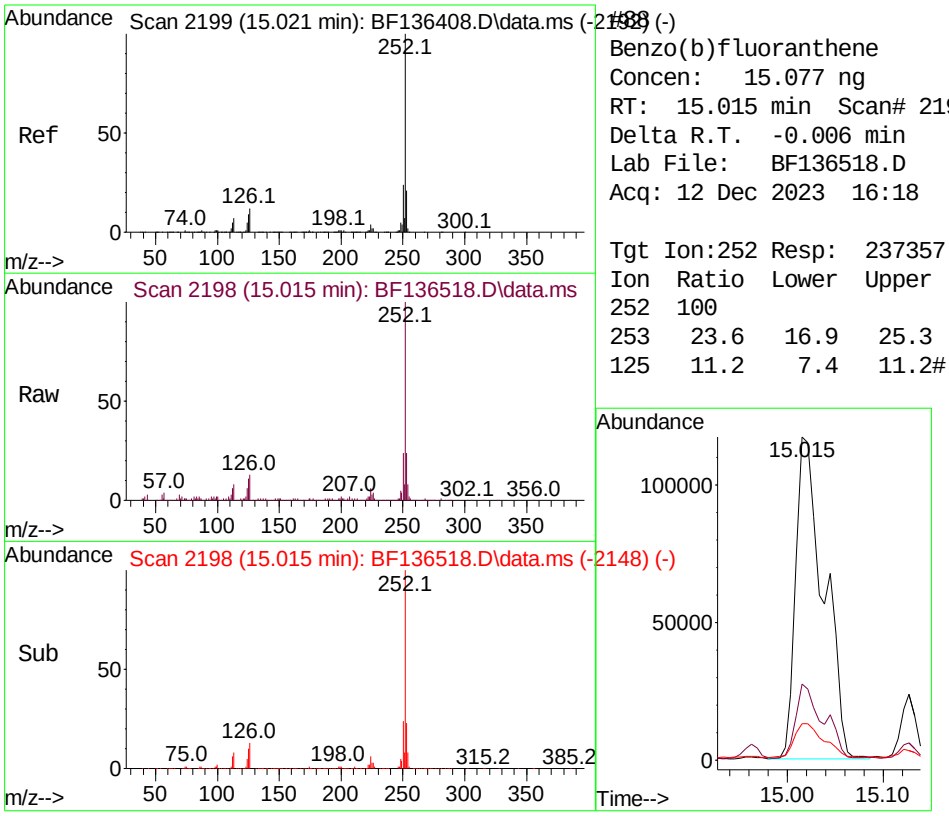


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.623 ng
RT: 16.945 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Instrument :
BNA_F
ClientSampleId :
RBR-251686

Tgt Ion:276 Resp: 89944

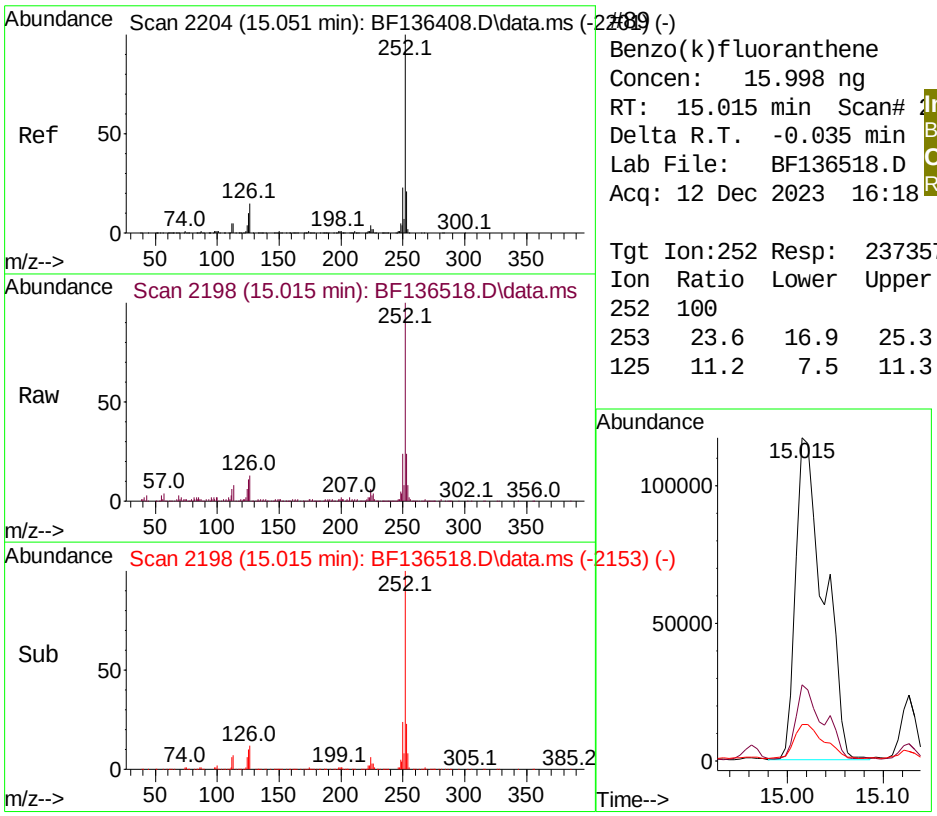
Ion	Ratio	Lower	Upper
276	100		
138	20.6	19.0	28.4
277	25.2	20.0	30.0



#88
Benzo(b)fluoranthene
Concen: 15.077 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Tgt Ion:252 Resp: 237357

Ion	Ratio	Lower	Upper
252	100		
253	23.6	16.9	25.3
125	11.2	7.4	11.2#

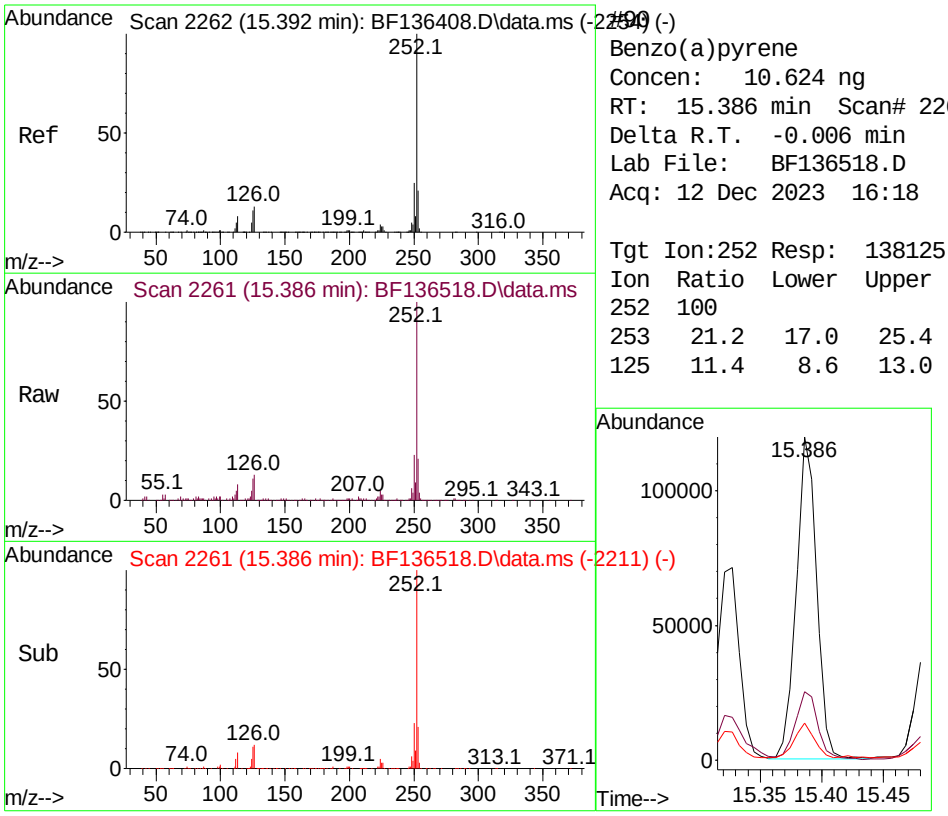


#89
Benzo(k)fluoranthene
Concen: 15.998 ng
RT: 15.015 min Scan# 2
Delta R.T. -0.035 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Instrument :
BNA_F
ClientSampleId :
RBR-251686

Tgt Ion:252 Resp: 237357

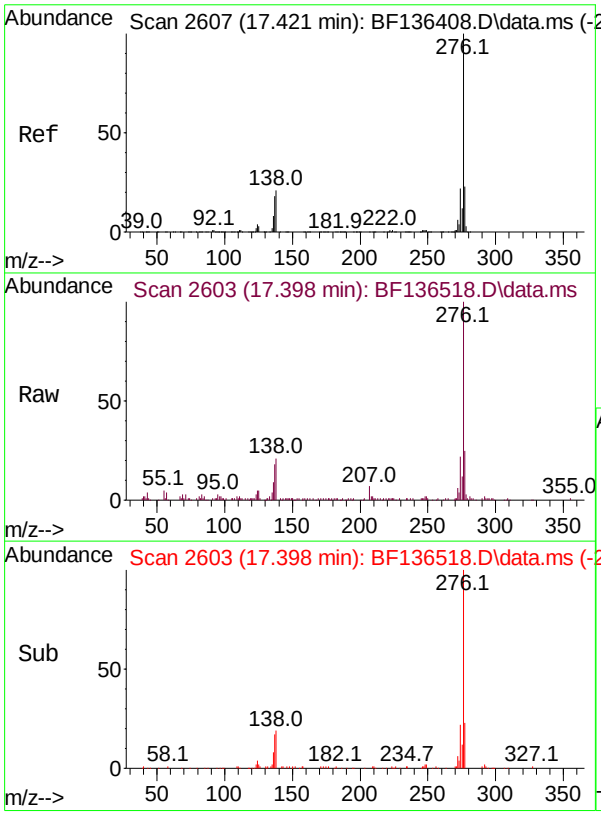
Ion	Ratio	Lower	Upper
252	100		
253	23.6	16.9	25.3
125	11.2	7.5	11.3



#90
Benzo(a)pyrene
Concen: 10.624 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Tgt Ion:252 Resp: 138125

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.4
125	11.4	8.6	13.0



#92
Benzo(g,h,i)perylene
Concen: 6.288 ng
RT: 17.398 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF136518.D
Acq: 12 Dec 2023 16:18

Instrument :
BNA_F
ClientSampleId :
RBR-251686

Tgt Ion:276 Resp: 84579

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.7	28.1
138	20.5	16.6	25.0