Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136964.D
Acq On : 05 Jan 2024 03:34
Operator : CG\JU
Sample : 06045-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-300-0-2

Quant Time: Jan 05 03:57:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	42327	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	154333	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	71248	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	131302	20.000	ng	0.00
76) Chrysene-d12	13.969	240	102510	20.000	ng	0.00
86) Perylene-d12	15.457	264	74108	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	187284	69.038	ng	0.00
7) Phenol-d6	6.434	99	226226	64.358	ng	0.00
23) Nitrobenzene-d5	7.345	82	134054	44.447	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	54072	64.440	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	242712	45.818	ng	-0.02
79) Terphenyl-d14	12.904	244	227344	30.993	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	17163	8.055	ng	# 75
25) Isophorone	7.345	82	134052	24.427	ng	# 65
49) Acenaphthylene	9.681	152	25190	3.626	ng	99
50) Dimethylphthalate	9.816	163	13652	2.623	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	8860	7.502	ng	# 28
57) 2,4-Dinitrotoluene	9.816	165	8860	5.778	ng	# 19
67) 4-Bromophenyl-phenylether	10.610	248	3128	2.145	ng	# 1
71) Phenanthrene	11.333	178	88754	13.174	ng	100
72) Anthracene	11.386	178	27922	4.092	ng	99
75) Fluoranthene	12.533	202	189460	26.290	ng	99
78) Pyrene	12.763	202	182249	18.111	ng	100
81) Benzo(a)anthracene	13.963	228	97762	13.734	ng	91
83) Chrysene	13.998	228	93403	13.418	ng	94
84) Bis(2-ethylhexyl)phtha...	13.945	149	13192	2.863	ng	# 90
87) Indeno(1,2,3-cd)pyrene	16.974	276	48853	9.130	ng	97
88) Benzo(b)fluoranthene	15.021	252	142157	28.720	ng	# 94
89) Benzo(k)fluoranthene	15.021	252	142157	30.395	ng	# 94
90) Benzo(a)pyrene	15.398	252	69747	16.693	ng	97
91) Dibenzo(a,h)anthracene	16.980	278	12127	2.763	ng	# 91
92) Benzo(g,h,i)perylene	17.439	276	52747	11.732	ng	96

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

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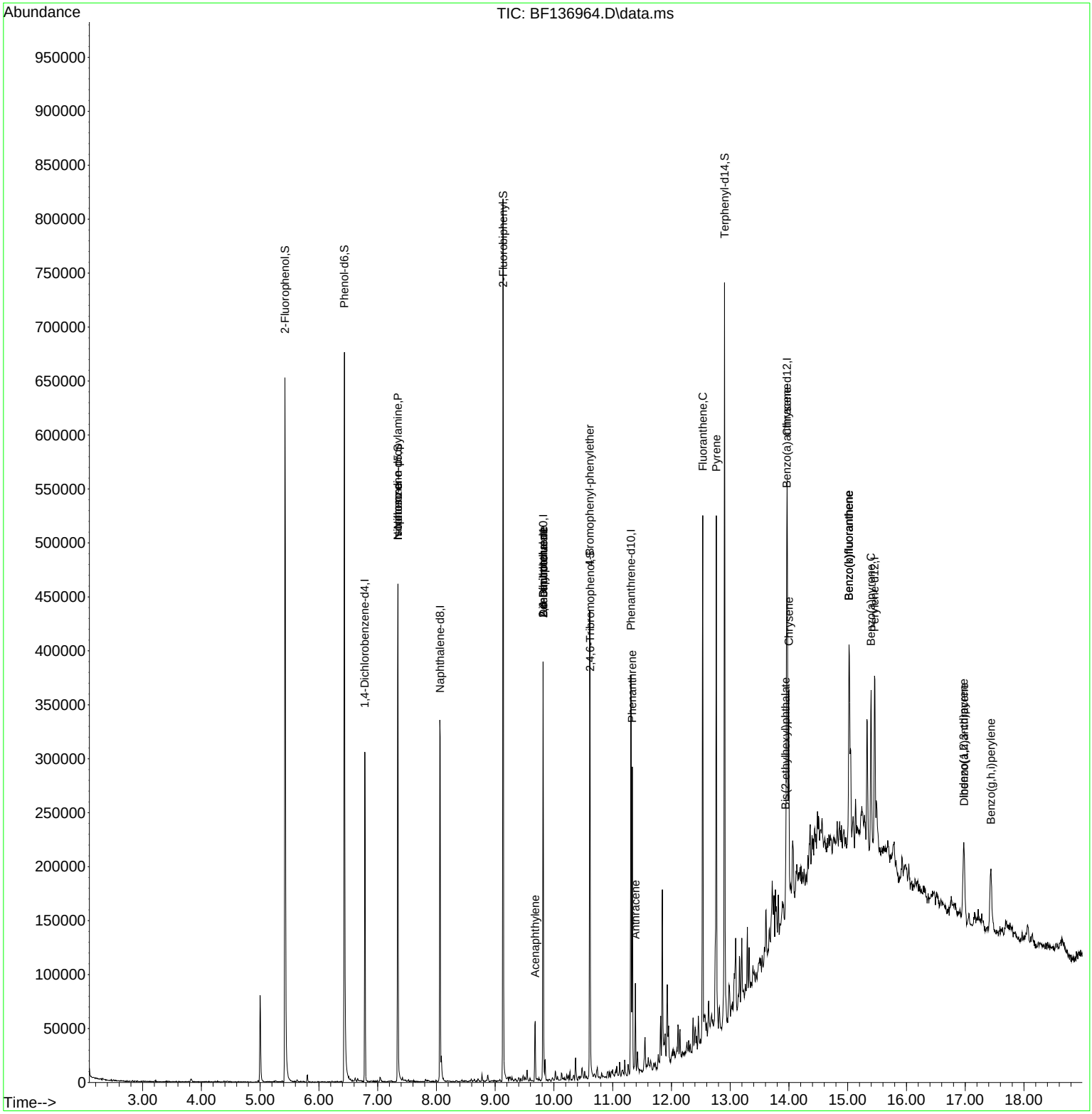
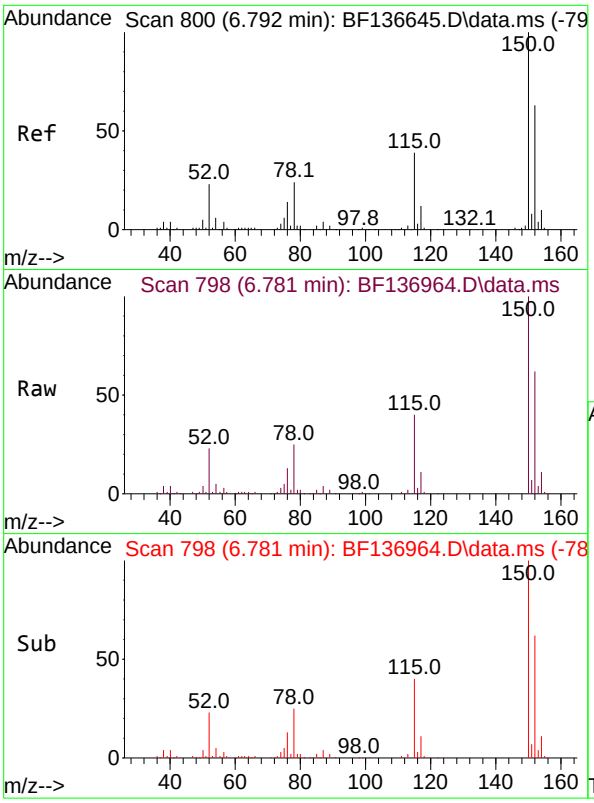


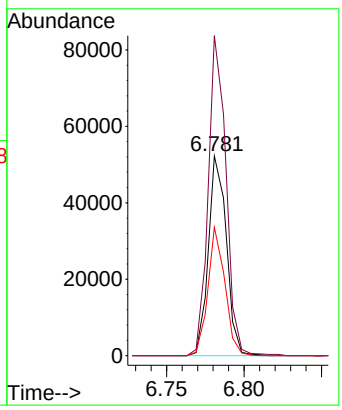


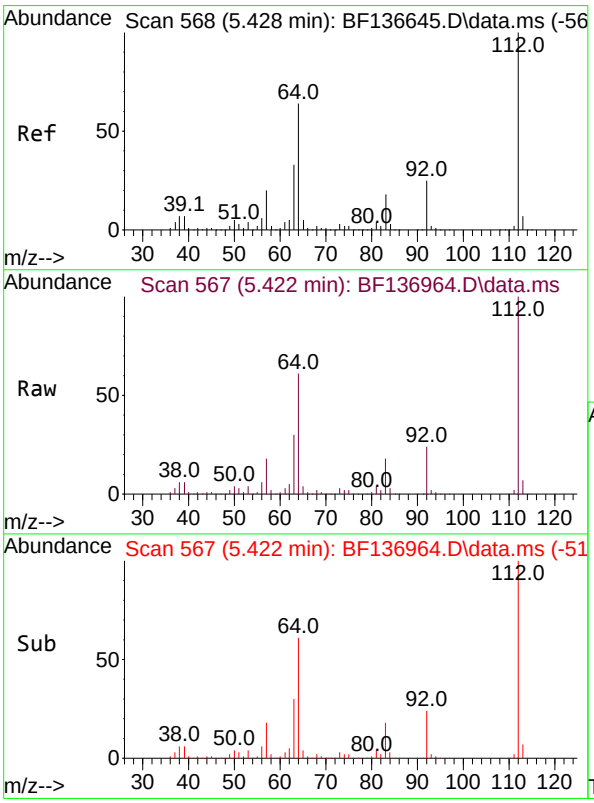
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 7
Delta R.T. -0.011 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Instrument :
BNA_F
ClientSampleId :
MR-300-0-2

Tgt Ion:152 Resp: 42327

Ion	Ratio	Lower	Upper
152	100		
150	160.2	127.0	190.6
115	64.3	49.0	73.4

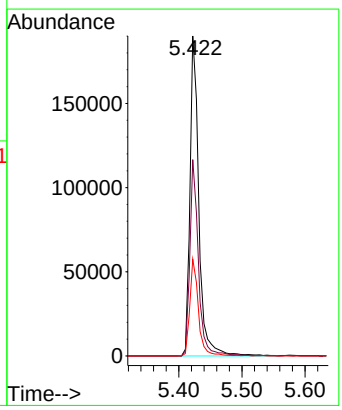


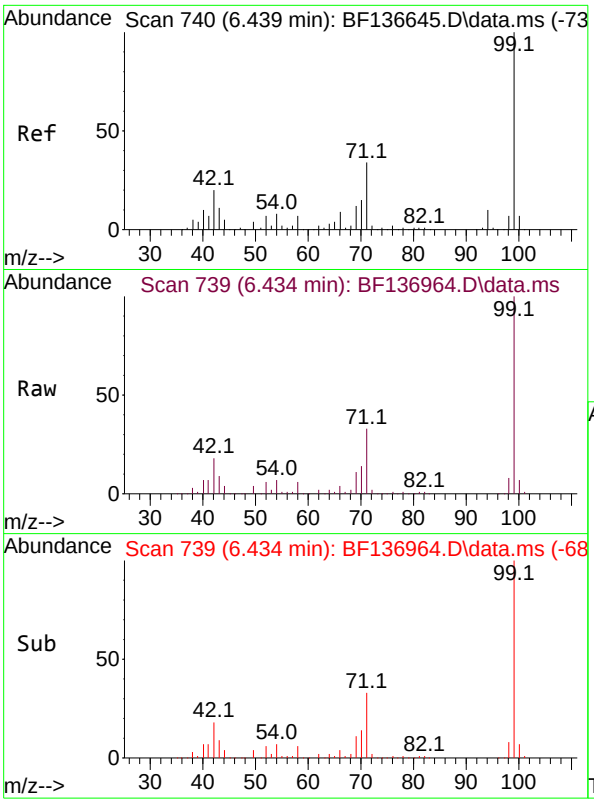


#5
2-Fluorophenol
Concen: 69.038 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Tgt Ion:112 Resp: 187284

Ion	Ratio	Lower	Upper
112	100		
64	61.3	51.1	76.7
63	30.2	26.1	39.1



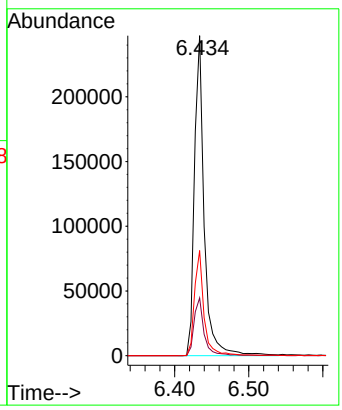


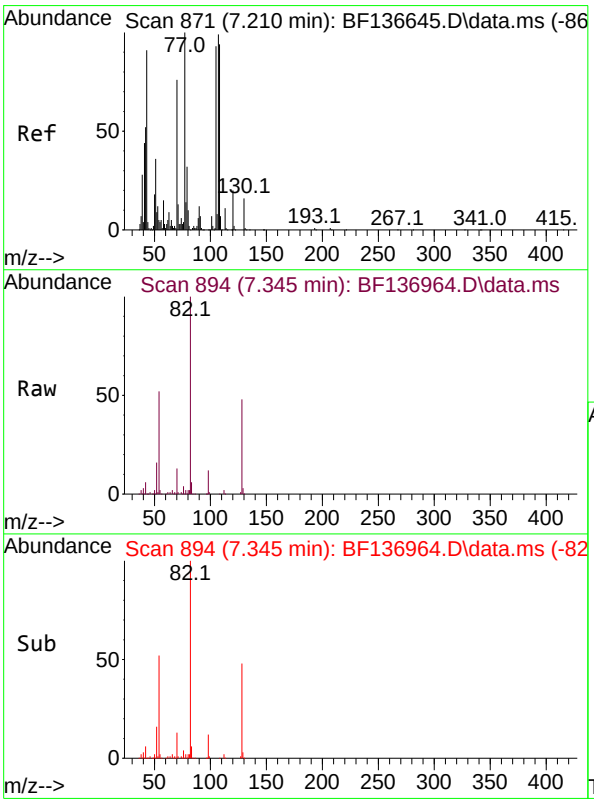
#7
Phenol-d6
Concen: 64.358 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Instrument :
BNA_F
ClientSampleId :
MR-300-0-2

Tgt Ion: 99 Resp: 226226

Ion	Ratio	Lower	Upper
99	100		
42	18.1	16.1	24.1
71	32.8	27.4	41.2

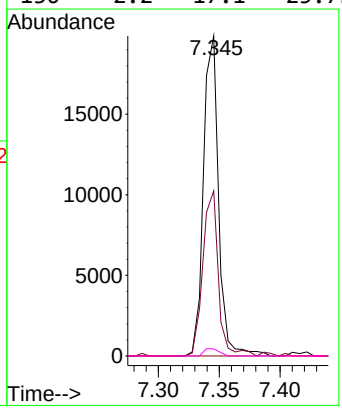


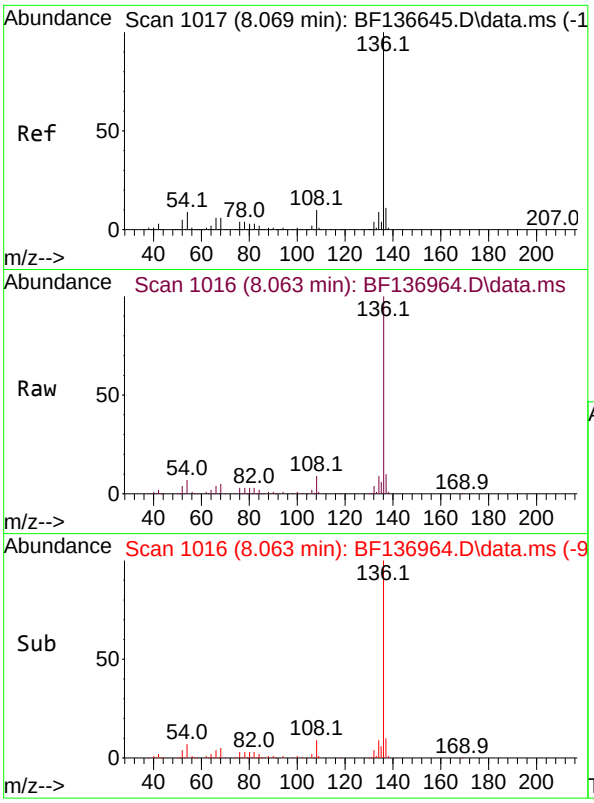


#19
n-Nitroso-di-n-propylamine
Concen: 8.055 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Tgt Ion: 70 Resp: 17163

Ion	Ratio	Lower	Upper
70	100		
42	51.6	54.2	81.4#
101	0.0	7.6	11.4#
130	2.2	17.1	25.7#



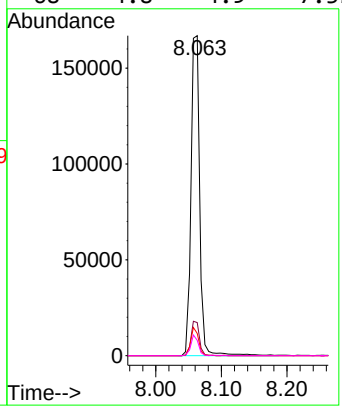


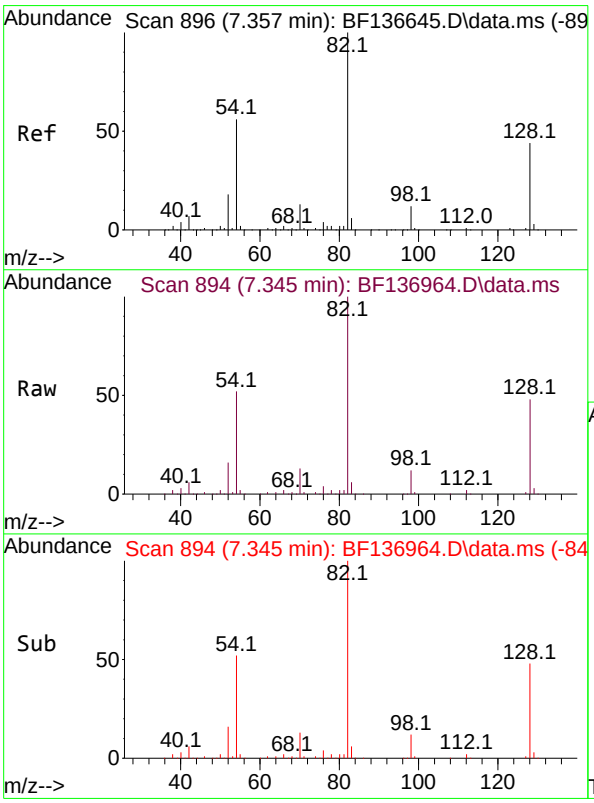
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Instrument :
BNA_F
ClientSampleId :
MR-300-0-2

Tgt Ion:136 Resp: 154333

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	7.0	7.2	10.8#
68	4.8	4.9	7.3#

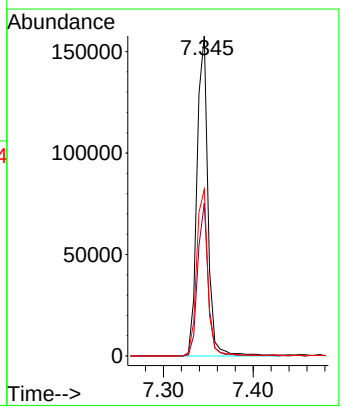


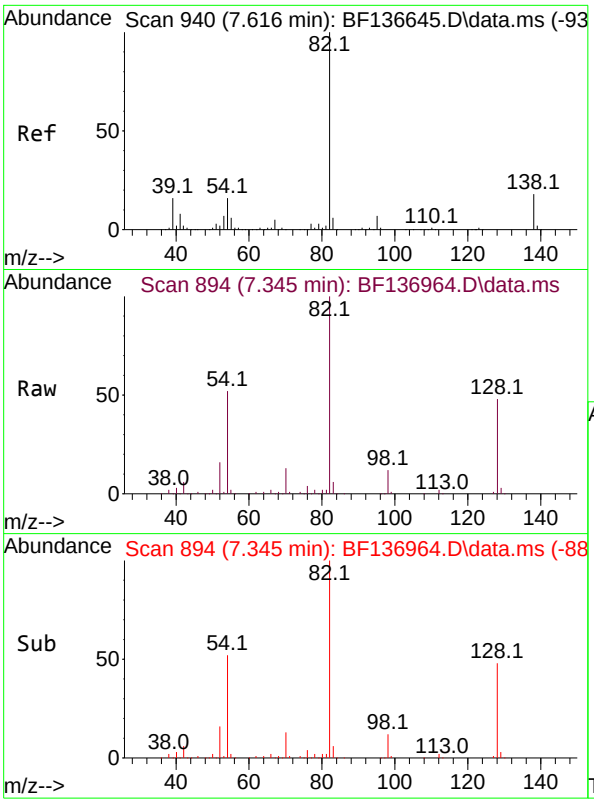


#23
Nitrobenzene-d5
Concen: 44.447 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Tgt Ion: 82 Resp: 134054

Ion	Ratio	Lower	Upper
82	100		
128	47.8	35.3	52.9
54	52.1	44.5	66.7



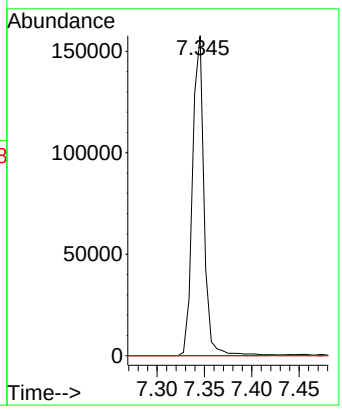


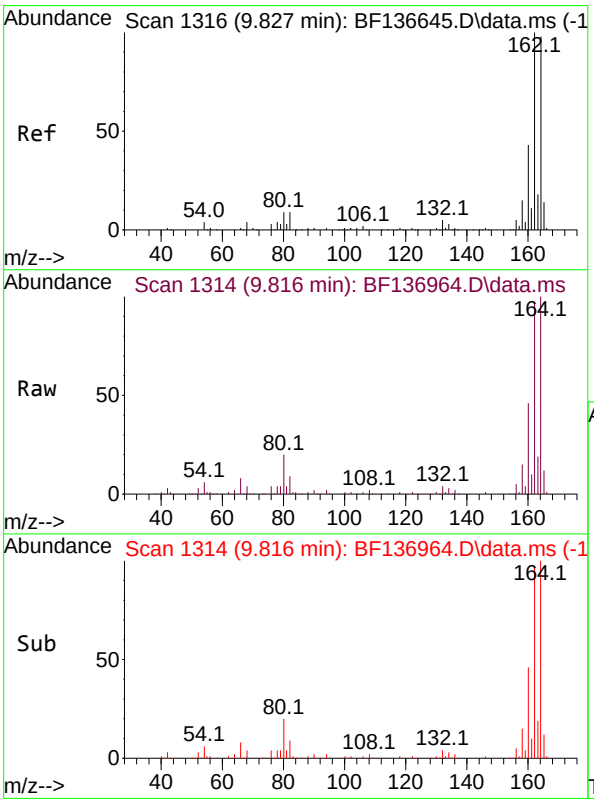
#25
Isophorone
Concen: 24.427 ng
RT: 7.345 min Scan# 8
Delta R.T. -0.270 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Instrument :
BNA_F
ClientSampleId :
MR-300-0-2

Tgt Ion: 82 Resp: 134052

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	14.5	21.7#

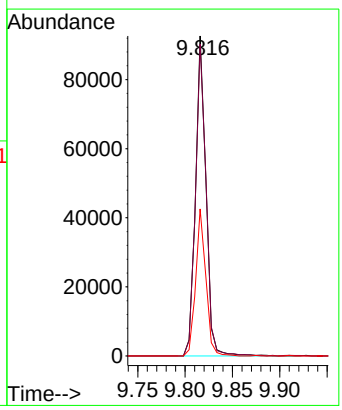


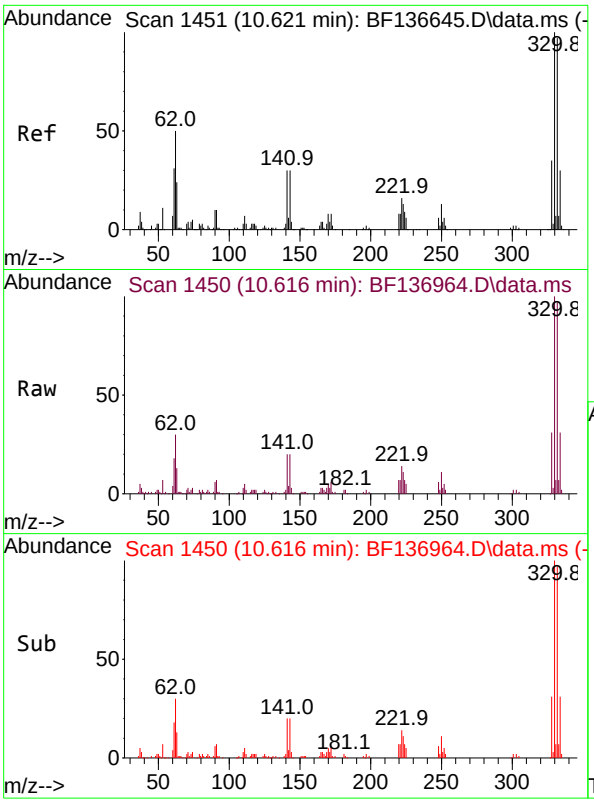


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Tgt Ion:164 Resp: 71248

Ion	Ratio	Lower	Upper
164	100		
162	97.4	81.6	122.4
160	46.0	34.9	52.3



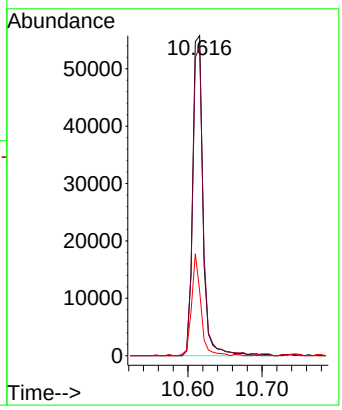


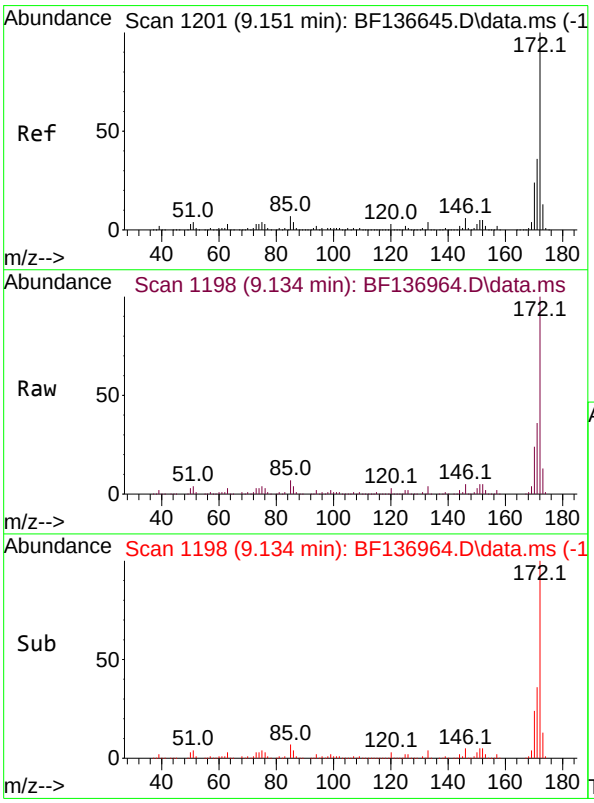
#42
2,4,6-Tribromophenol
Concen: 64.440 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Instrument :
BNA_F
ClientSampleId :
MR-300-0-2

Tgt Ion:330 Resp: 54072

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.0
141	28.3	23.4	35.2

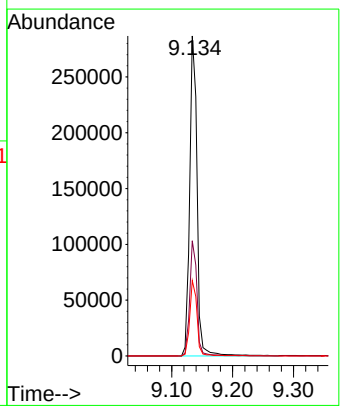


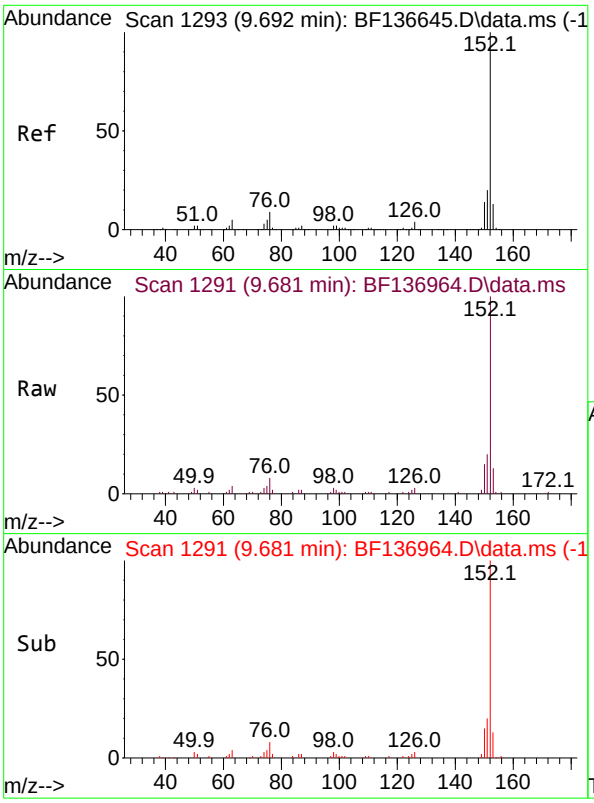


#45
2-Fluorobiphenyl
Concen: 45.818 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Tgt Ion:172 Resp: 242712

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	23.5	19.0	28.4



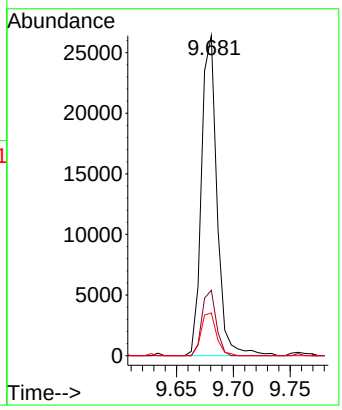


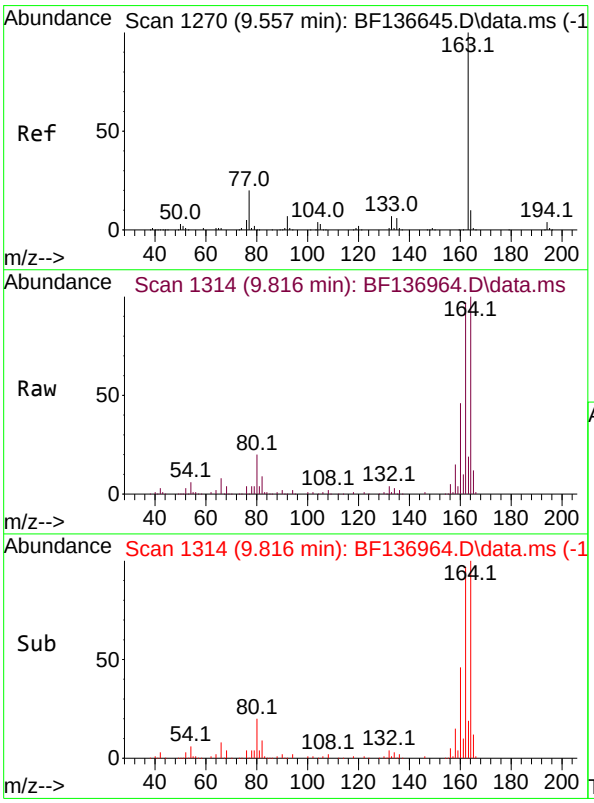
#49
Acenaphthylene
Concen: 3.626 ng
RT: 9.681 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Instrument :
BNA_F
ClientSampleId :
MR-300-0-2

Tgt Ion:152 Resp: 25190

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.4	10.2	15.2

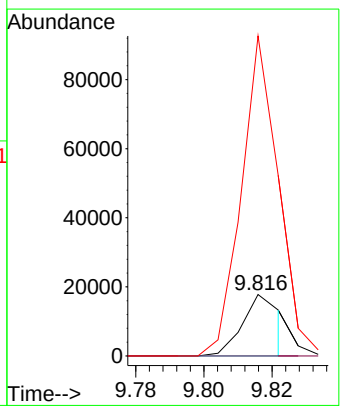


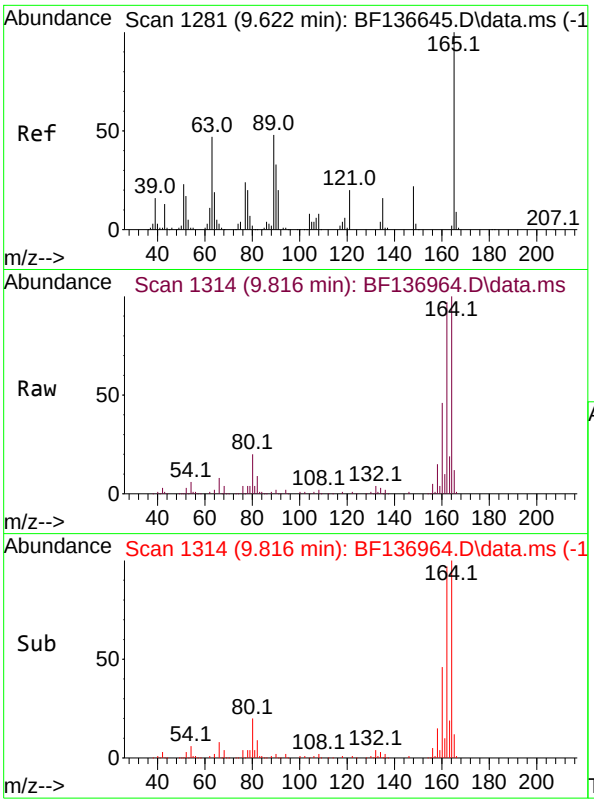


#50
Dimethylphthalate
Concen: 2.623 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Tgt Ion:163 Resp: 13652

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.3	4.9#
164	520.4	7.8	11.6#



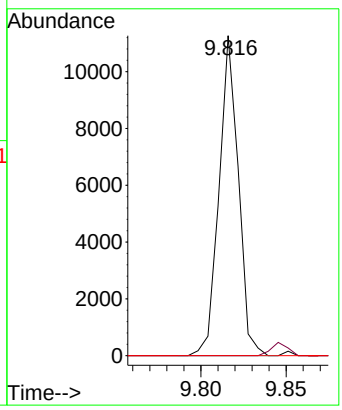


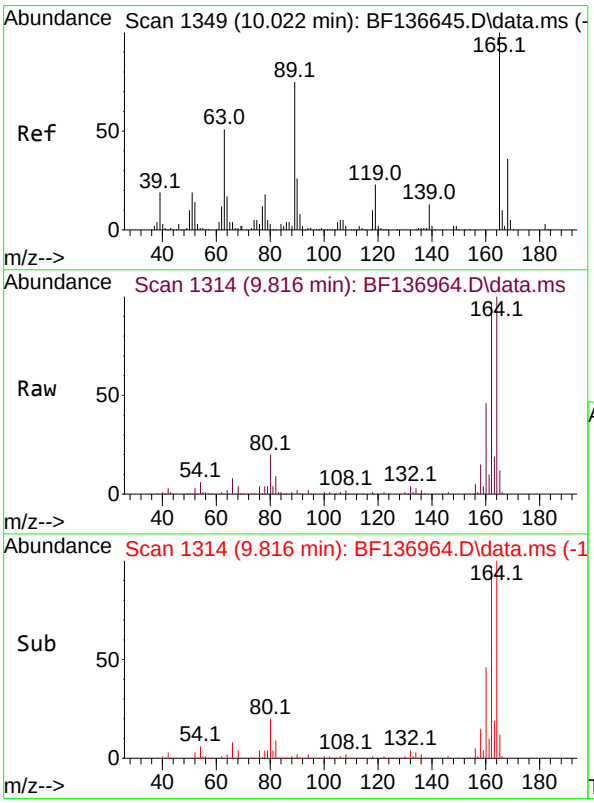
#51
2,6-Dinitrotoluene
Concen: 7.502 ng
RT: 9.816 min Scan# 1
Delta R.T. 0.194 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Instrument :
BNA_F
ClientSampleId :
MR-300-0-2

Tgt Ion:165 Resp: 8860

Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.8	59.6#
89	0.0	38.8	58.2#

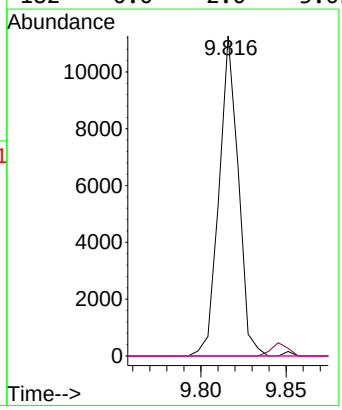


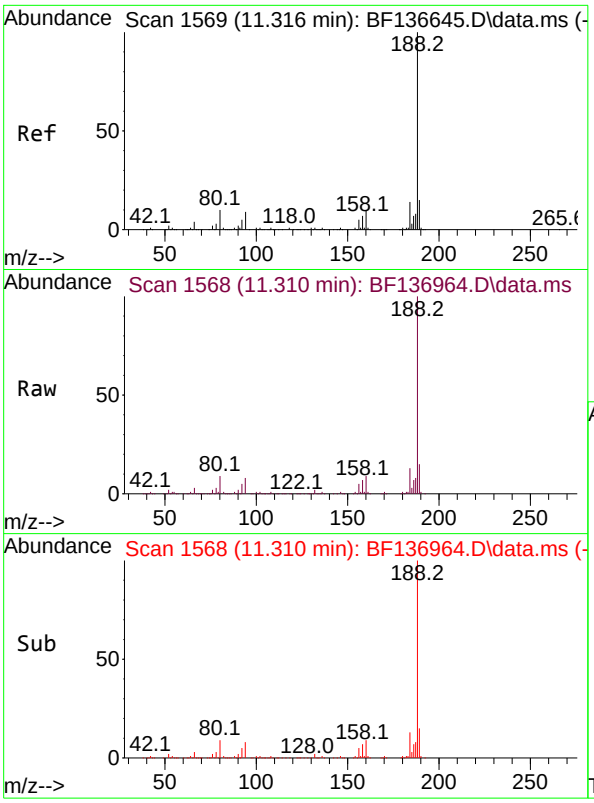


#57
2,4-Dinitrotoluene
Concen: 5.778 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Tgt Ion:165 Resp: 8860

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	0.0	59.9	89.9#
182	0.0	2.0	3.0#



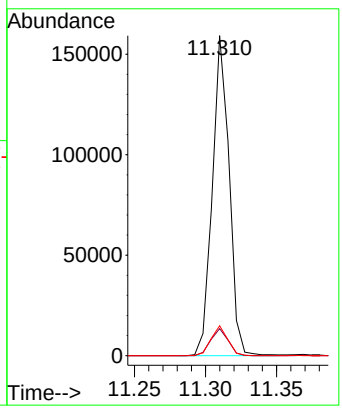


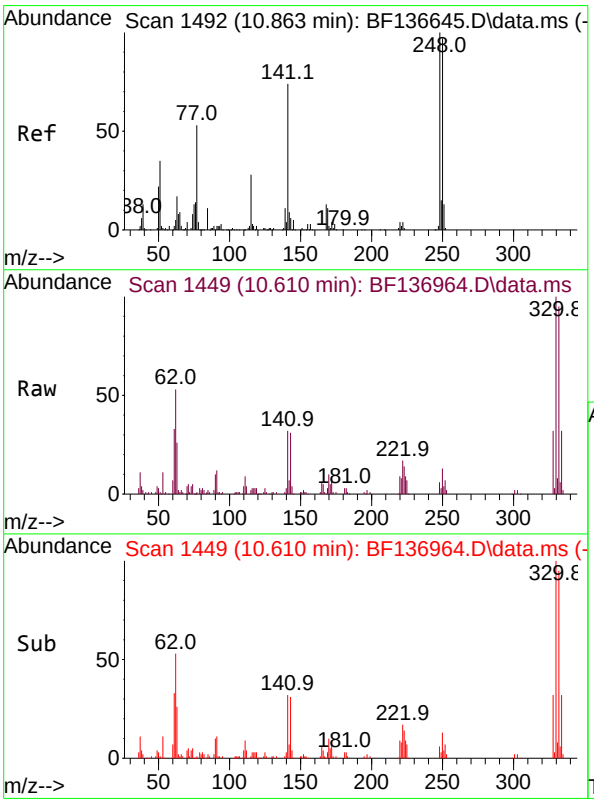
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Instrument :
BNA_F
ClientSampleId :
MR-300-0-2

Tgt Ion:188 Resp: 131302

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.5	11.3
80	9.4	8.1	12.1

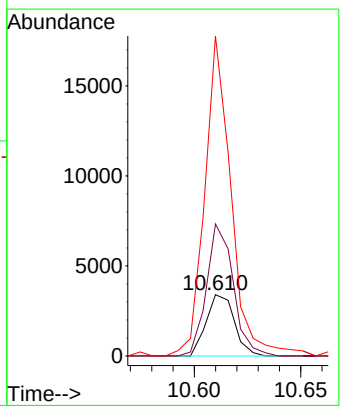


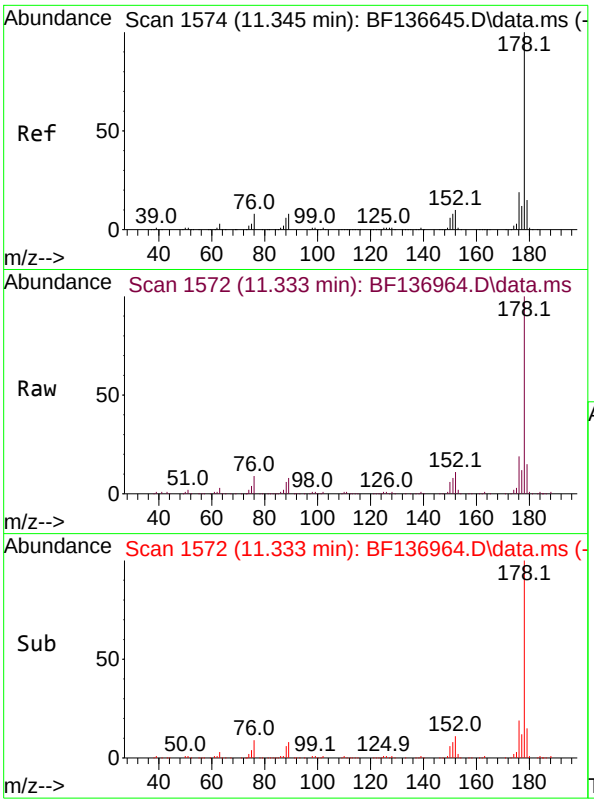


#67
4-Bromophenyl-phenylether
Concen: 2.145 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.253 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Tgt Ion:248 Resp: 3128

Ion	Ratio	Lower	Upper
248	100		
250	215.5	77.8	116.6#
141	522.5	59.2	88.8#



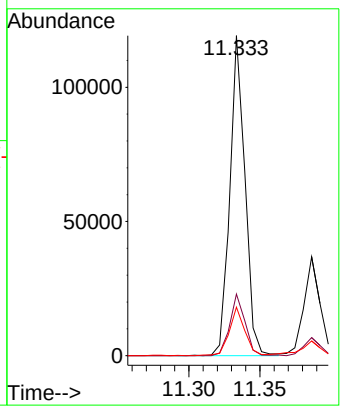


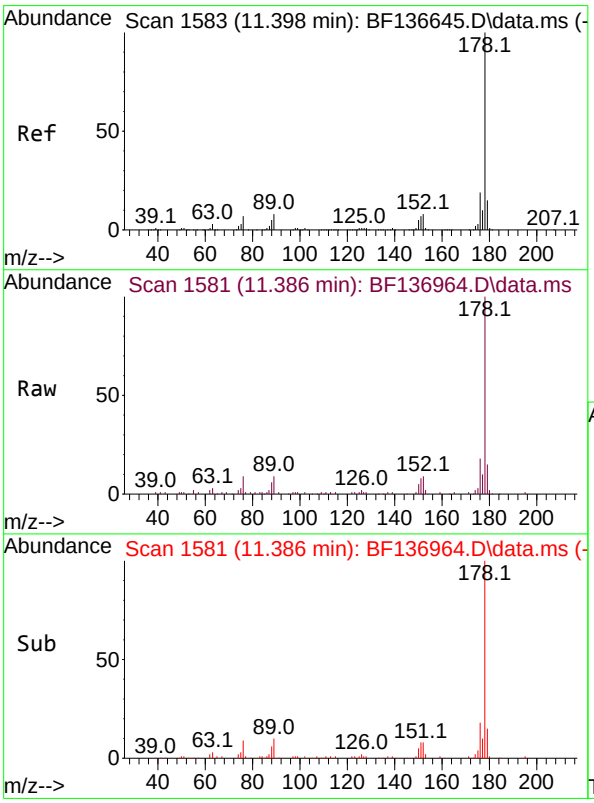
#71
Phenanthrene
Concen: 13.174 ng
RT: 11.333 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Instrument :
BNA_F
ClientSampleId :
MR-300-0-2

Tgt Ion:178 Resp: 88754

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.1	11.9	17.9

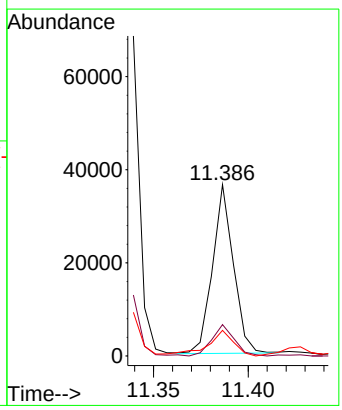


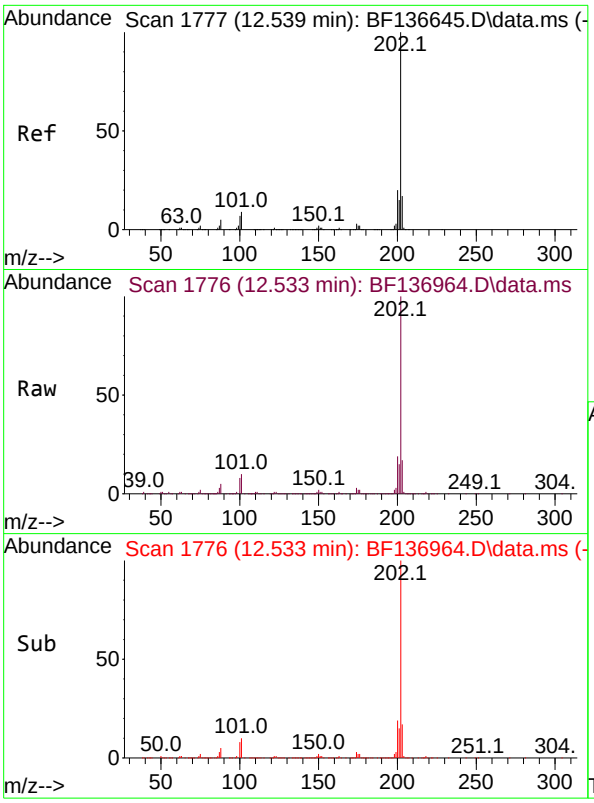


#72
Anthracene
Concen: 4.092 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Tgt Ion:178 Resp: 27922

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	14.9	11.8	17.6



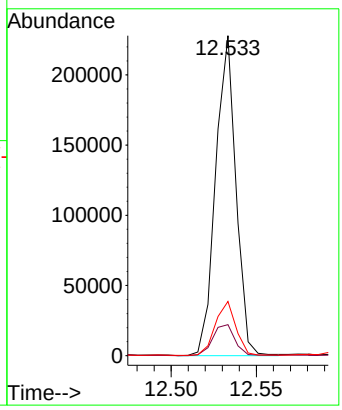


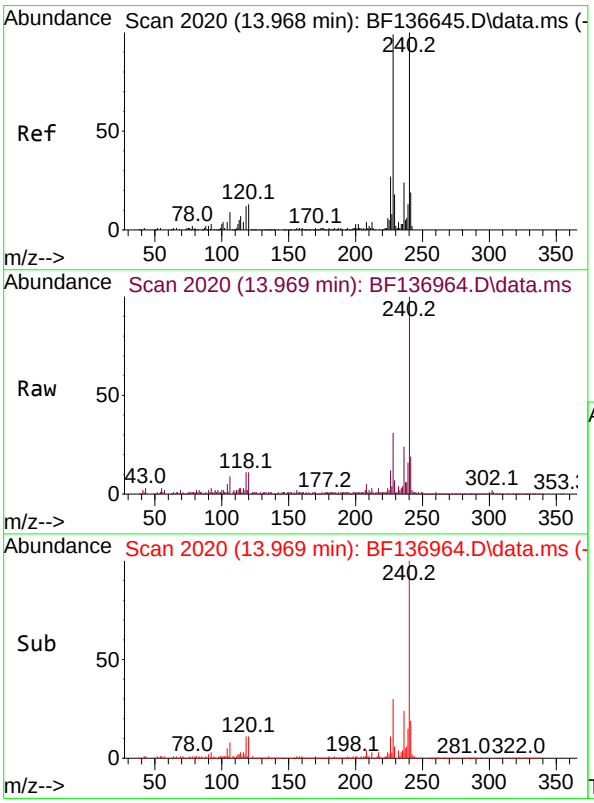
#75
Fluoranthene
Concen: 26.290 ng
RT: 12.533 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Instrument :
BNA_F
ClientSampleId :
MR-300-0-2

Tgt Ion:202 Resp: 189460

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.3
203	17.0	0.0	37.1

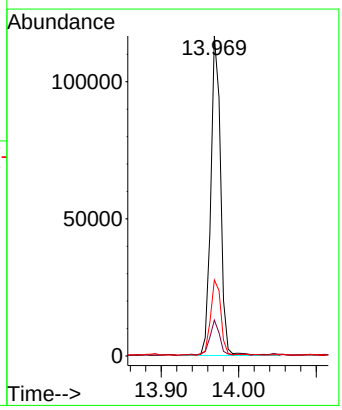


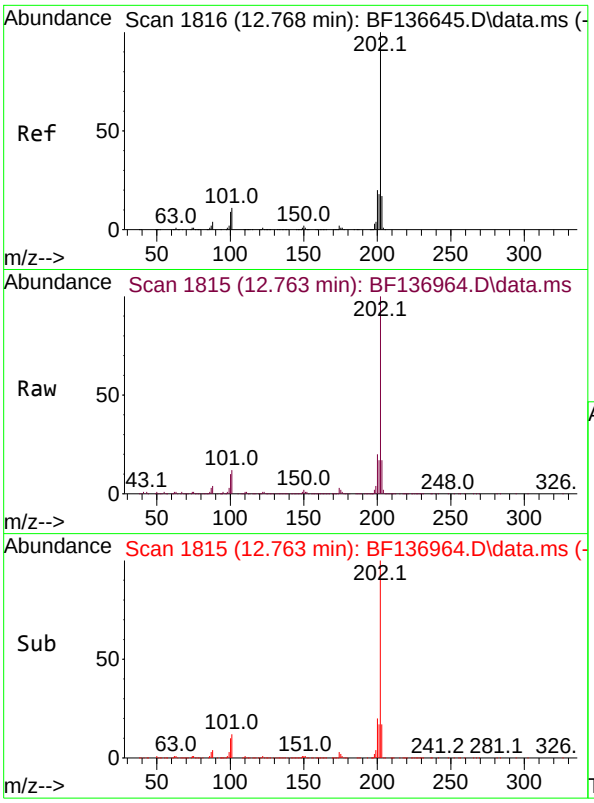


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Tgt Ion:240 Resp: 102510

Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.3	15.5
236	23.8	19.4	29.2



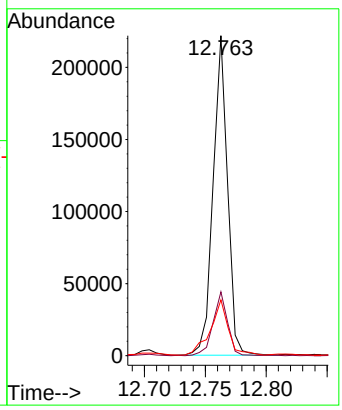


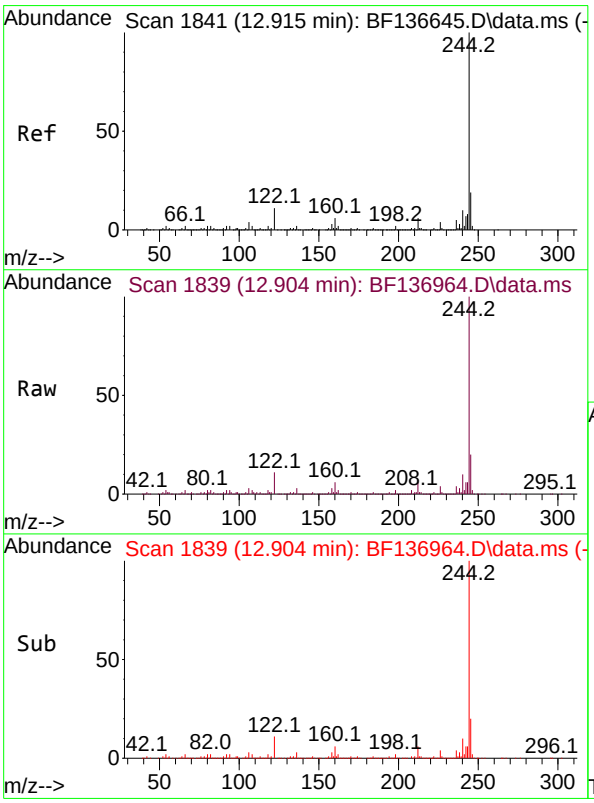
#78
Pyrene
Concen: 18.111 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Instrument :
BNA_F
ClientSampleId :
MR-300-0-2

Tgt Ion:202 Resp: 182249

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.9	23.9
203	17.4	13.8	20.6

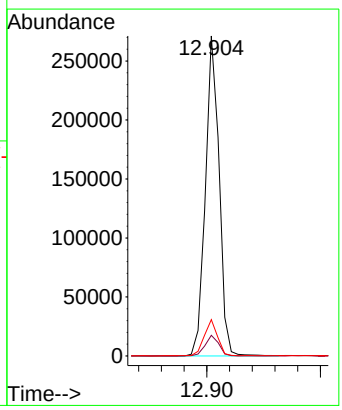


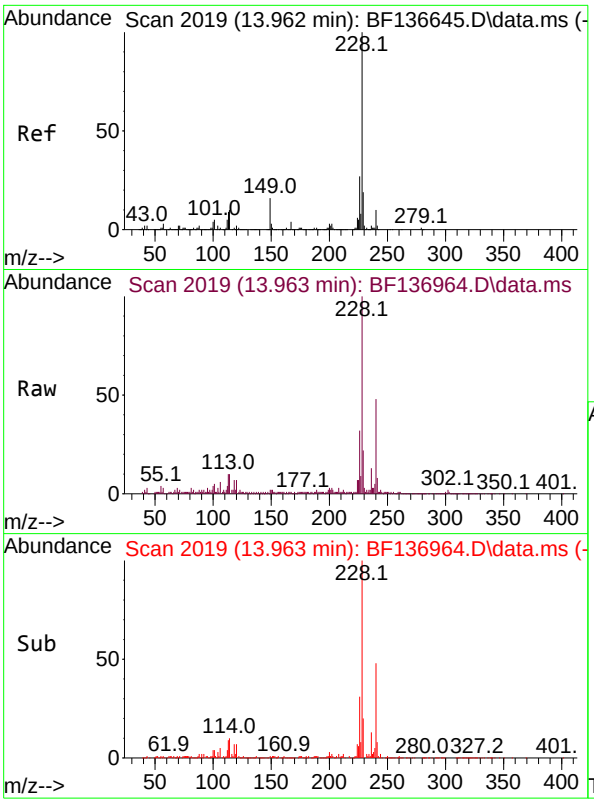


#79
Terphenyl-d14
Concen: 30.993 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Tgt Ion:244 Resp: 227344

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.0	7.4
122	11.3	9.0	13.4



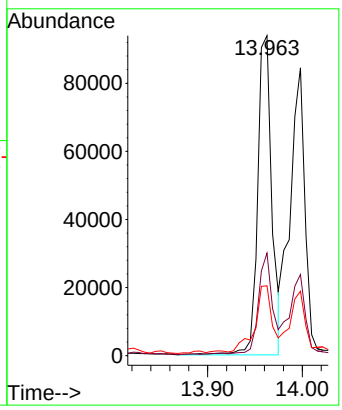


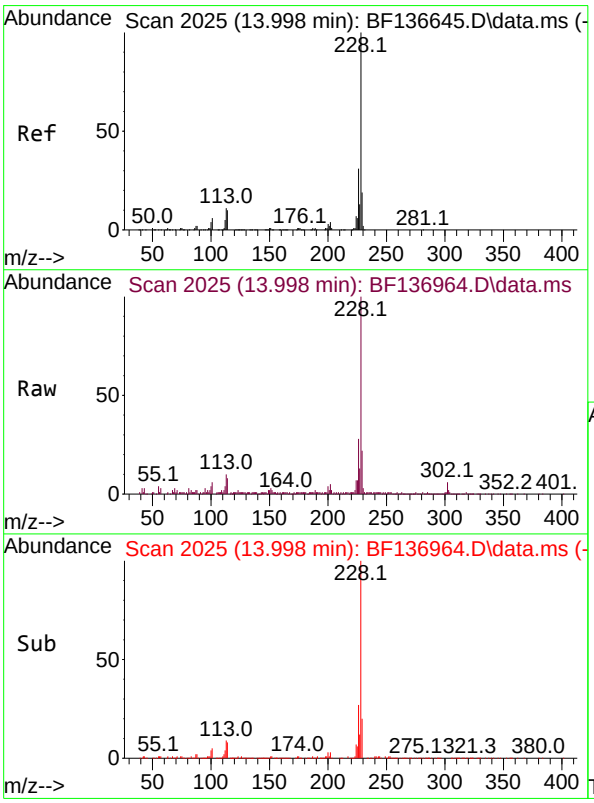
#81
Benzo(a)anthracene
Concen: 13.734 ng
RT: 13.963 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Instrument :
BNA_F
ClientSampleId :
MR-300-0-2

Tgt Ion:228 Resp: 97762

Ion	Ratio	Lower	Upper
228	100		
226	32.0	21.4	32.0
229	21.8	14.9	22.3

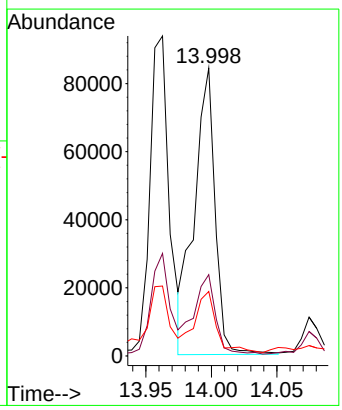


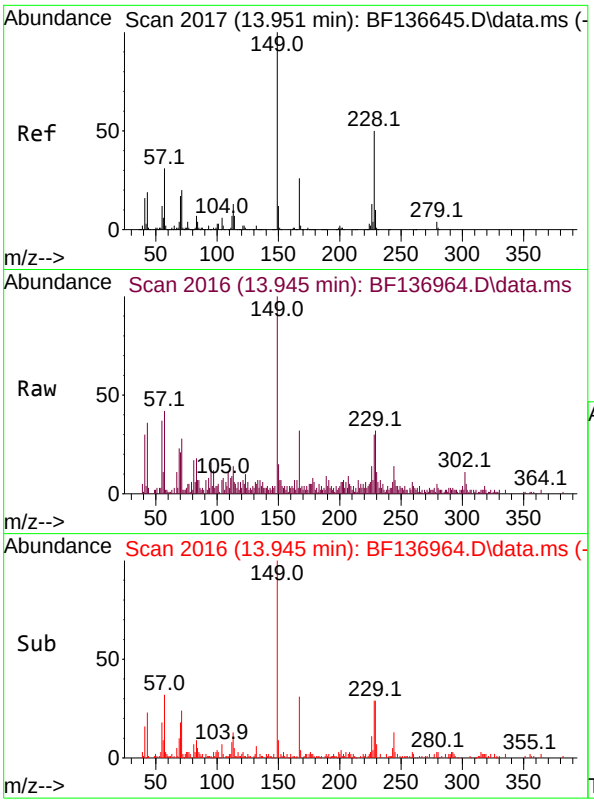


#83
Chrysene
Concen: 13.418 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Tgt Ion:228 Resp: 93403

Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.7	37.1
229	22.4	15.4	23.0



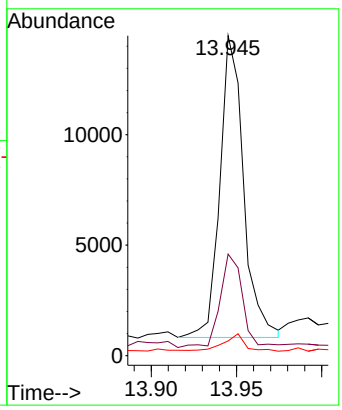


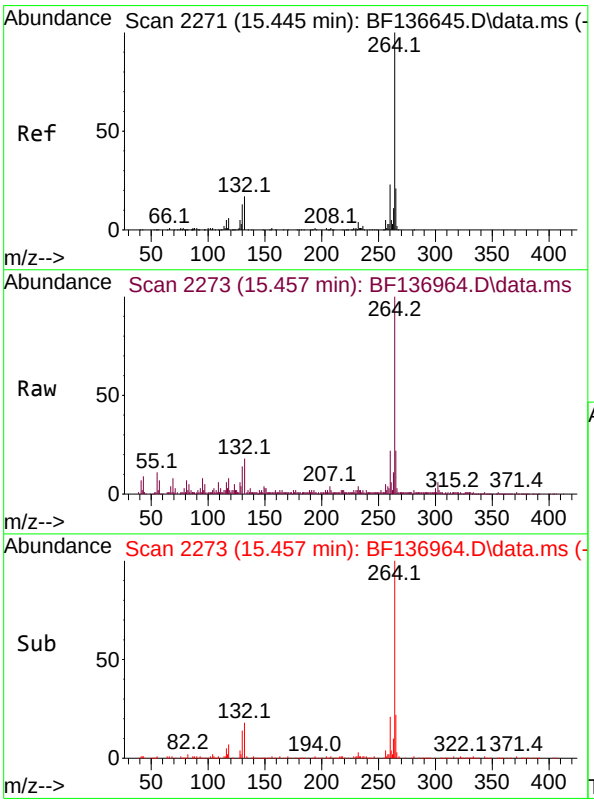
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.863 ng
RT: 13.945 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Instrument :
BNA_F
ClientSampleId :
MR-300-0-2

Tgt Ion:149 Resp: 13192

Ion	Ratio	Lower	Upper
149	100		
167	31.8	20.9	31.3#
279	4.6	2.9	4.3#

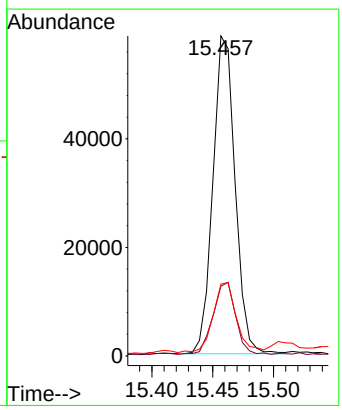


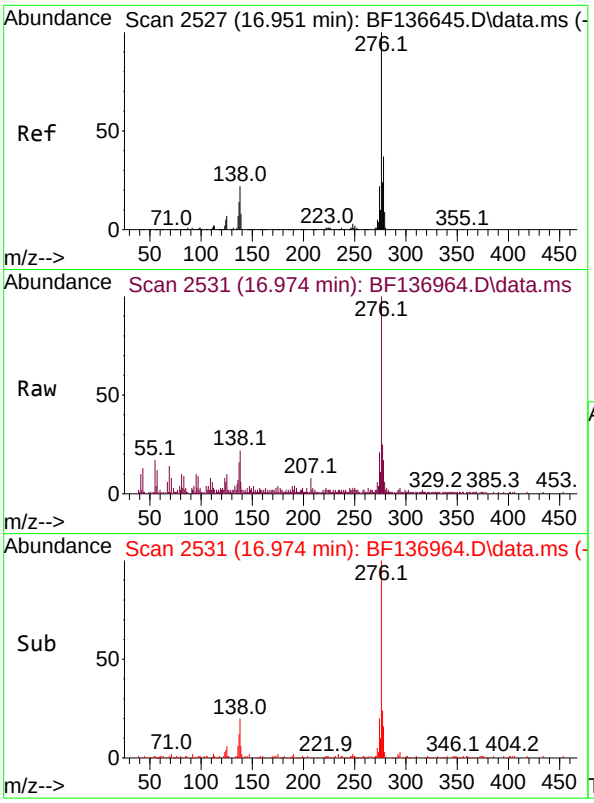


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Tgt Ion:264 Resp: 74108

Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.3	27.5
265	22.4	17.0	25.6



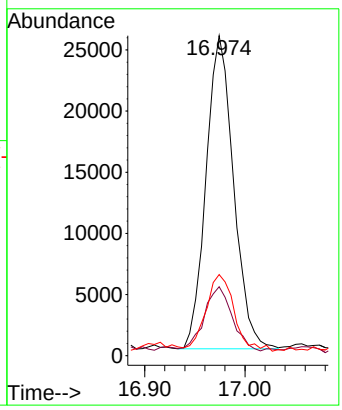


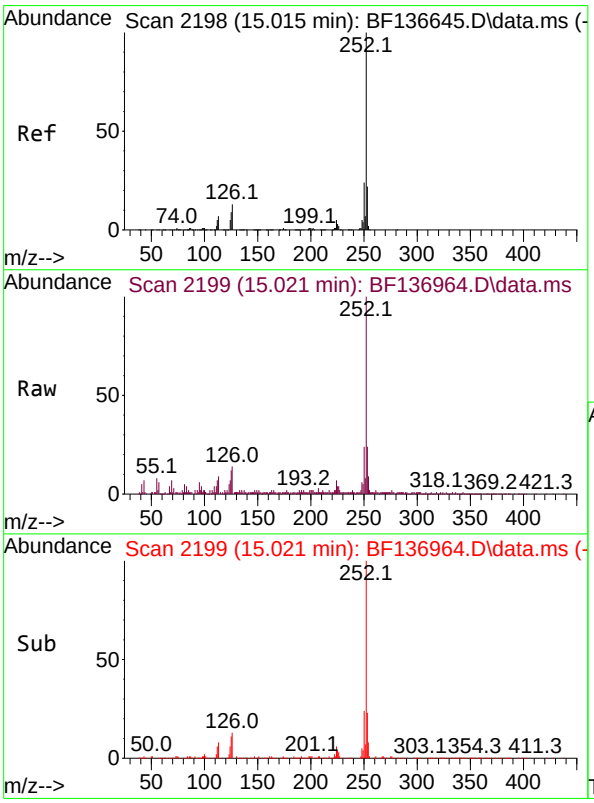
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.130 ng
RT: 16.974 min Scan# 2
Delta R.T. 0.024 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Instrument :
BNA_F
ClientSampleId :
MR-300-0-2

Tgt Ion:276 Resp: 48853

Ion	Ratio	Lower	Upper
276	100		
138	21.0	18.7	28.1
277	24.5	20.2	30.2

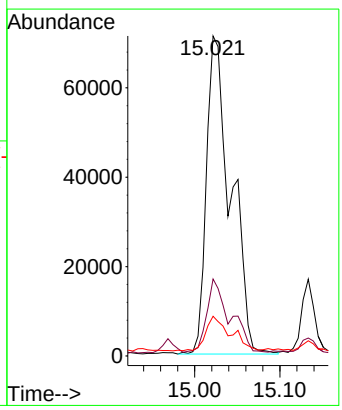


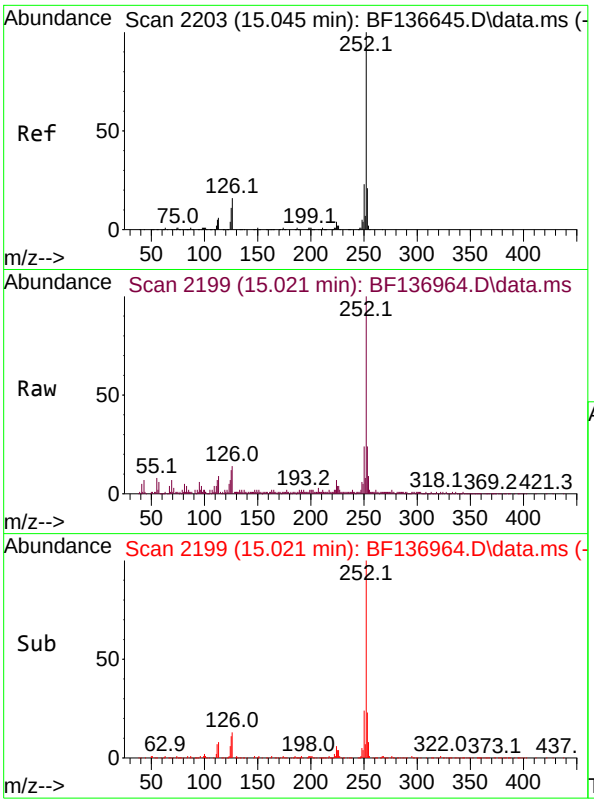


#88
Benzo(b)fluoranthene
Concen: 28.720 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Tgt Ion:252 Resp: 142157

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.0
125	12.4	7.4	11.2#



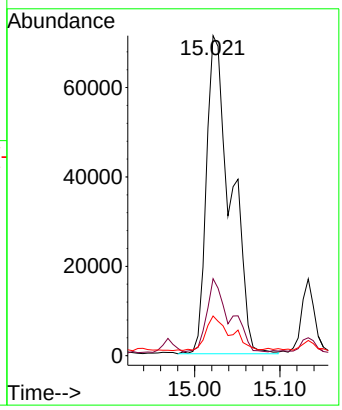


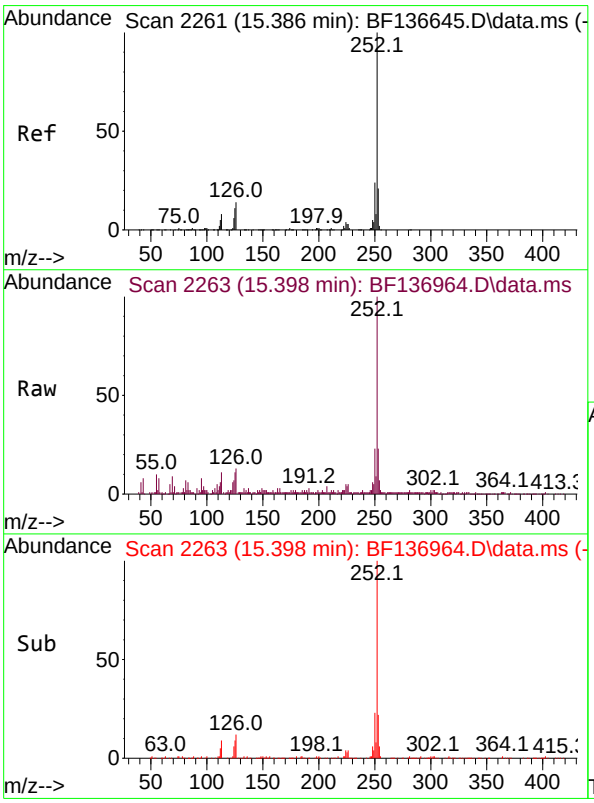
#89
Benzo(k)fluoranthene
Concen: 30.395 ng
RT: 15.021 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Instrument :
BNA_F
ClientSampleId :
MR-300-0-2

Tgt Ion:252 Resp: 142157

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.6
125	12.4	8.2	12.4#

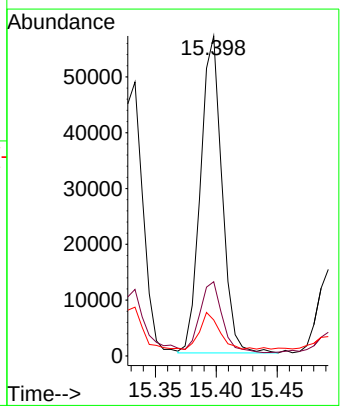


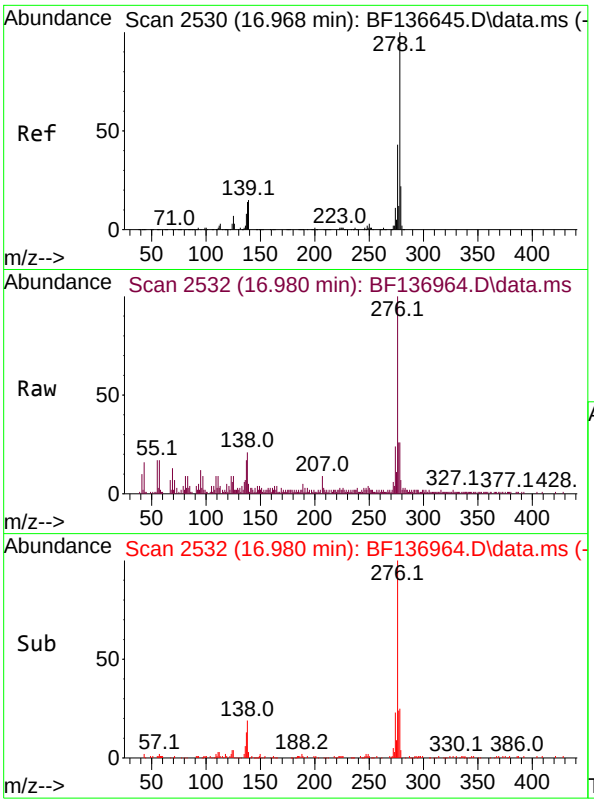


#90
Benzo(a)pyrene
Concen: 16.693 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.012 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Tgt Ion:252 Resp: 69747

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	11.2	8.8	13.2



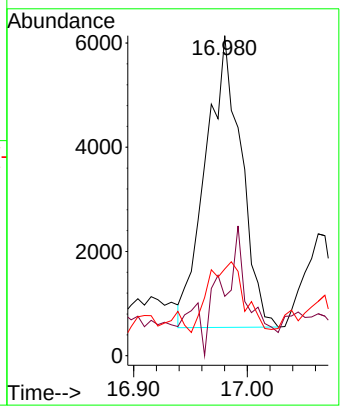


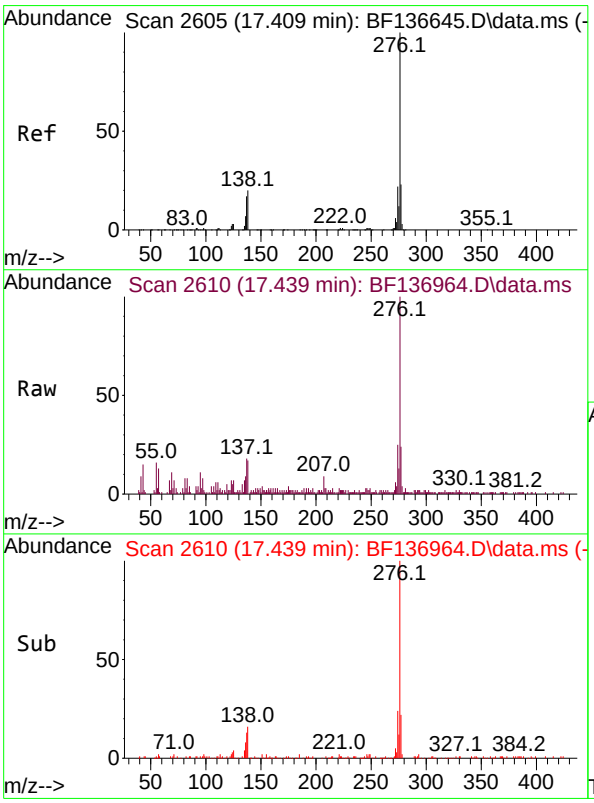
#91
Dibenzo(a,h)anthracene
Concen: 2.763 ng
RT: 16.980 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Instrument :
BNA_F
ClientSampleId :
MR-300-0-2

Tgt Ion:278 Resp: 12127

Ion	Ratio	Lower	Upper
278	100		
139	18.5	12.2	18.4#
279	27.1	17.8	26.6#





#92
Benzo(g,h,i)perylene
Concen: 11.732 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.030 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Tgt Ion:276 Resp: 52747

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.3	27.5
138	17.3	15.6	23.4