Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
Data File : BF140395.D
Acq On : 15 Nov 2024 11:33
Operator : RC/JU
Sample : P4799-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-TA2-02-C

Quant Time: Nov 15 12:08:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	126128	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	478686	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	258727	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	489102	20.000	ng	0.00
76) Chrysene-d12	14.062	240	278626	20.000	ng	0.01
86) Perylene-d12	15.586	264	287340	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	939985	127.245	ng	0.03
7) Phenol-d6	6.522	99	1219220	121.819	ng	0.02
23) Nitrobenzene-d5	7.434	82	784930	85.436	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	363116	141.134	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1364655	84.790	ng	0.00
79) Terphenyl-d14	12.992	244	1584307	98.700	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.175	128	770176	31.717	ng	99
37) 2-Methylnaphthalene	8.869	142	103203	6.628	ng	99
38) 1-Methylnaphthalene	8.963	142	164098	10.762	ng	99
52) Acenaphthene	9.945	154	184909	12.620	ng	99
58) Fluorene	10.457	166	94791	5.785	ng	99
71) Phenanthrene	11.421	178	208137	9.059	ng	99
77) Benzidine	12.739	184	80699	7.546	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
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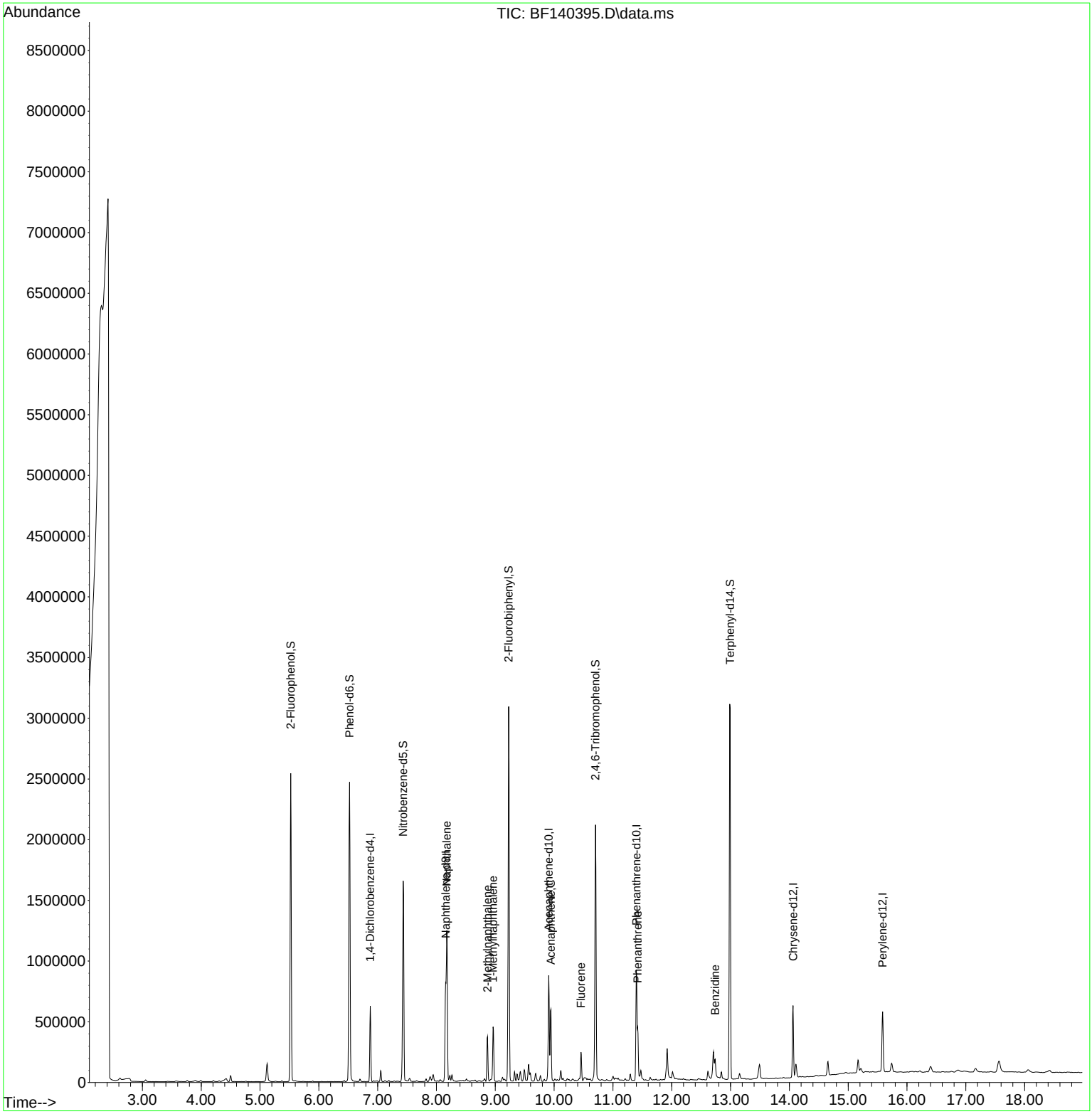
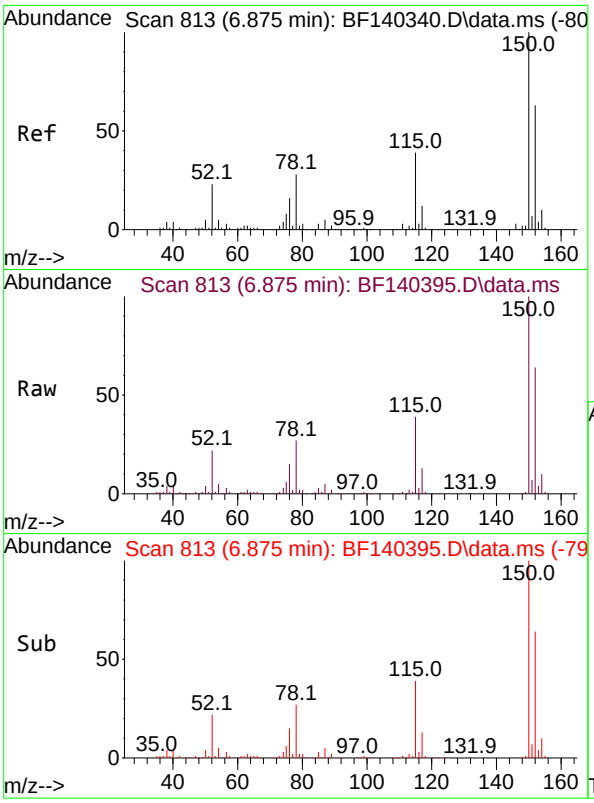


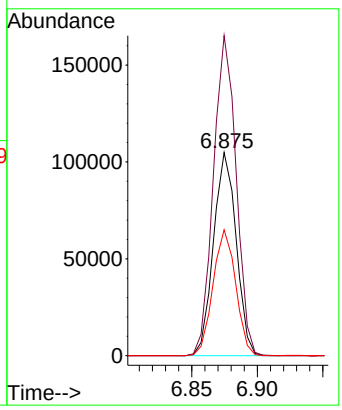


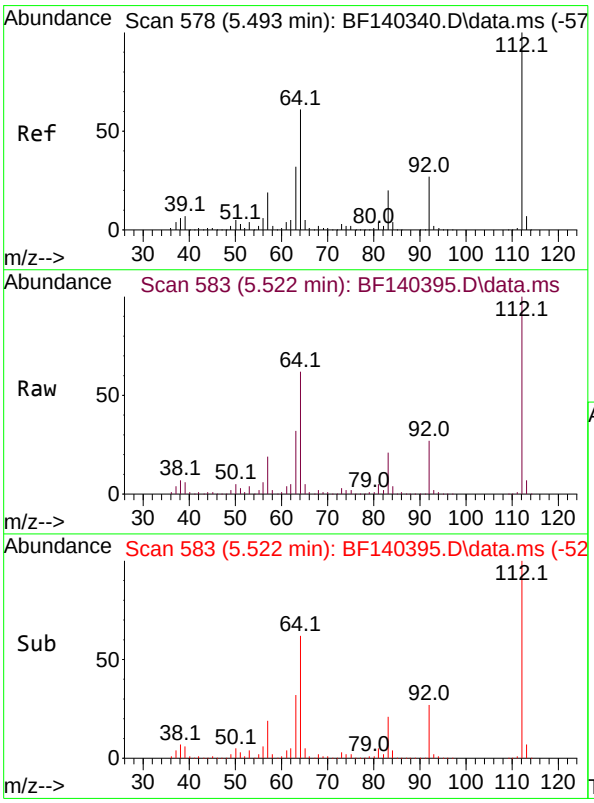
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Instrument :
BNA_F
ClientSampleId :
WC-TA2-02-C

Tgt Ion:152 Resp: 126128

Ion	Ratio	Lower	Upper
152	100		
150	157.5	127.4	191.0
115	62.0	47.4	71.2

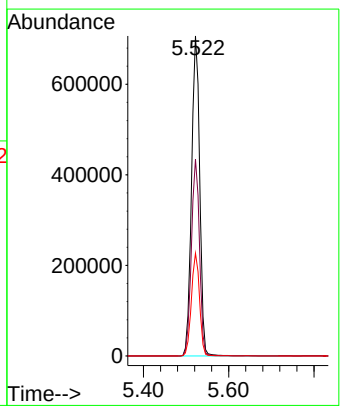


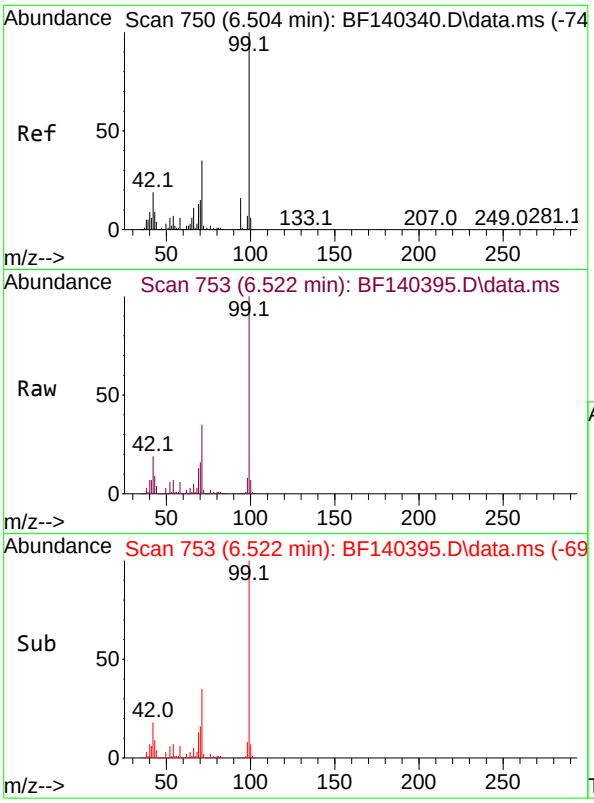


#5
2-Fluorophenol
Concen: 127.245 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.029 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Tgt Ion:112 Resp: 939985

Ion	Ratio	Lower	Upper
112	100		
64	61.5	49.2	73.8
63	32.1	25.6	38.4



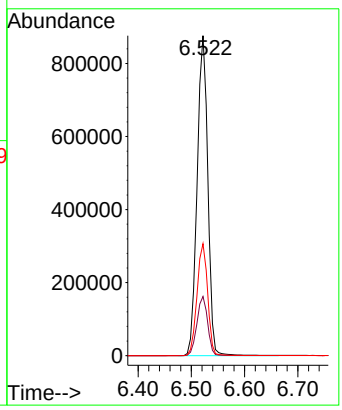


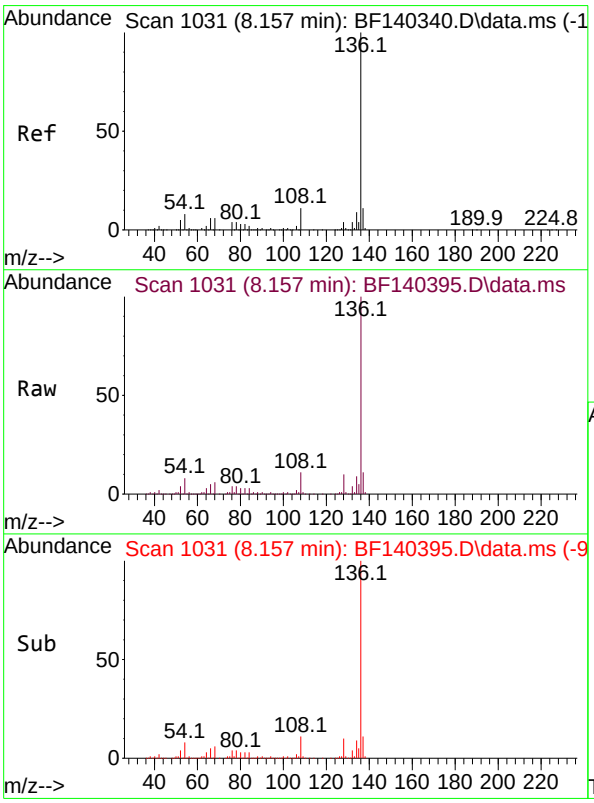
#7
Phenol-d6
Concen: 121.819 ng
RT: 6.522 min Scan# 7
Delta R.T. 0.017 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Instrument :
BNA_F
ClientSampleId :
WC-TA2-02-C

Tgt Ion: 99 Resp: 1219220

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.1	22.7
71	35.0	27.9	41.9

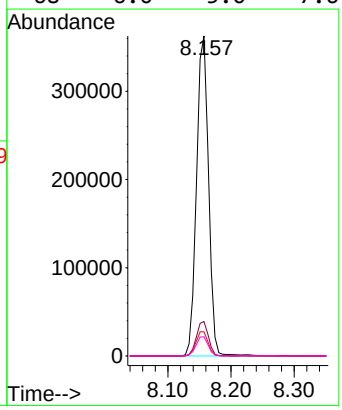


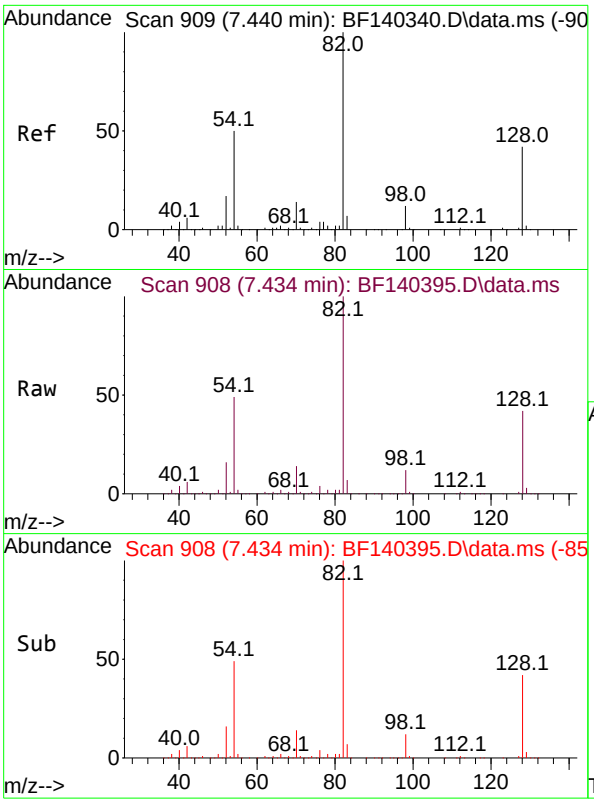


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Tgt Ion:136 Resp: 478686

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.6	6.5	9.7
68	6.0	5.0	7.6



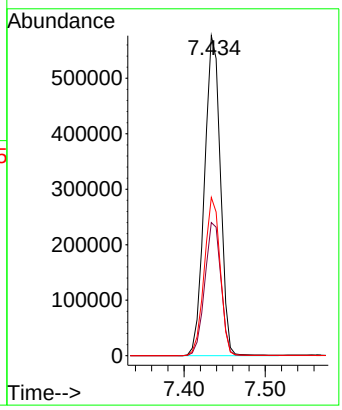


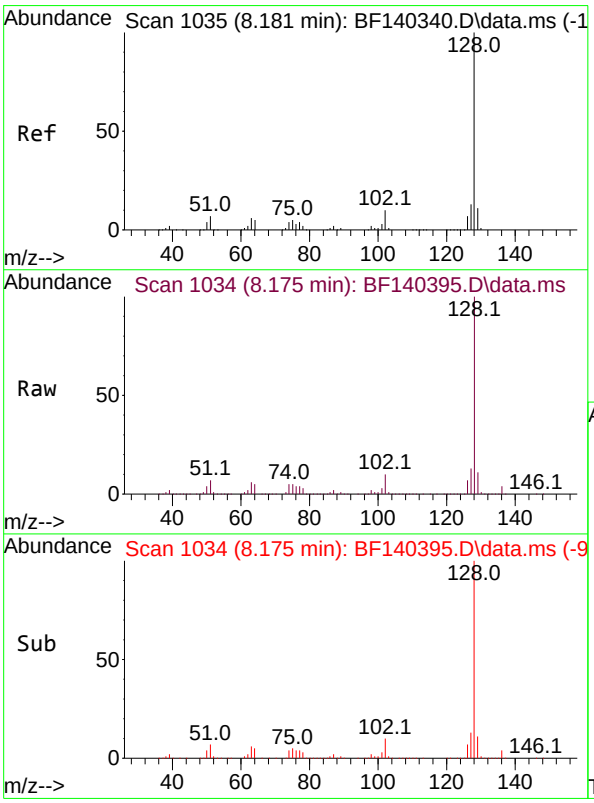
#23
Nitrobenzene-d5
Concen: 85.436 ng
RT: 7.434 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Instrument :
BNA_F
ClientSampleId :
WC-TA2-02-C

Tgt Ion: 82 Resp: 784930

Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	49.4	39.8	59.8

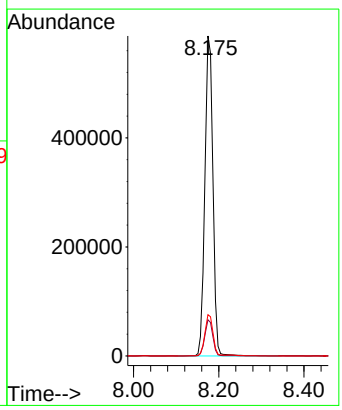


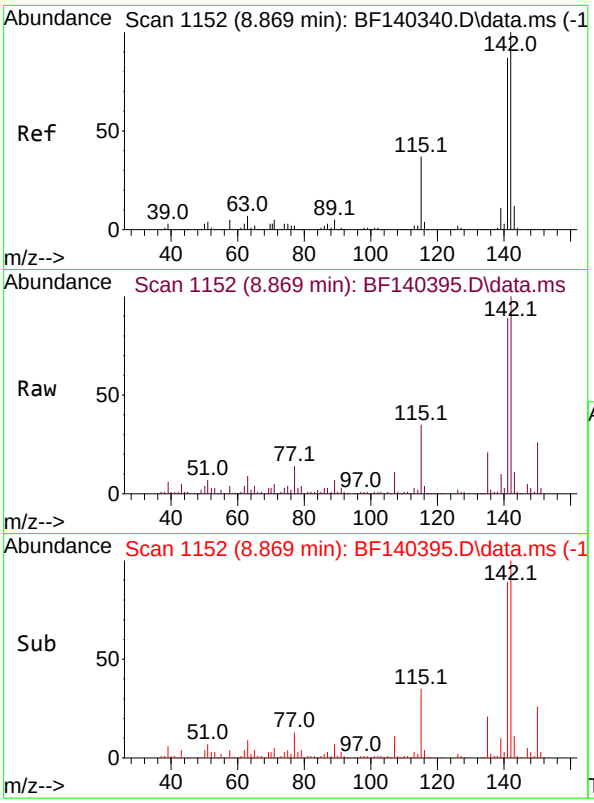


#31
Naphthalene
Concen: 31.717 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Tgt Ion:128 Resp: 770176

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	12.9	10.6	15.8



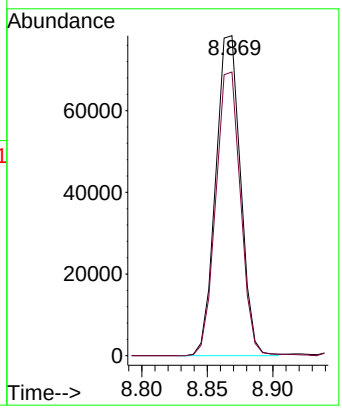


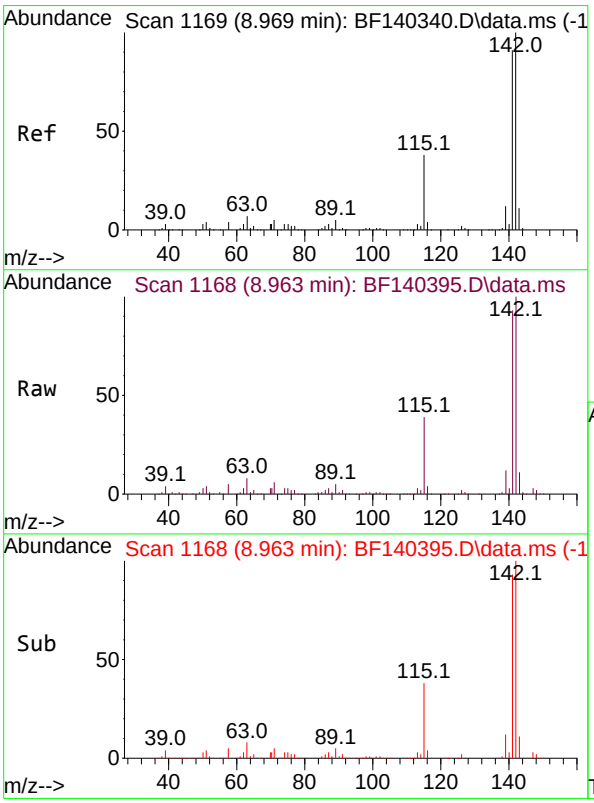
#37
2-Methylnaphthalene
Concen: 6.628 ng
RT: 8.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Instrument :
BNA_F
ClientSampleId :
WC-TA2-02-C

Tgt Ion:142 Resp: 103203

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.4	105.6

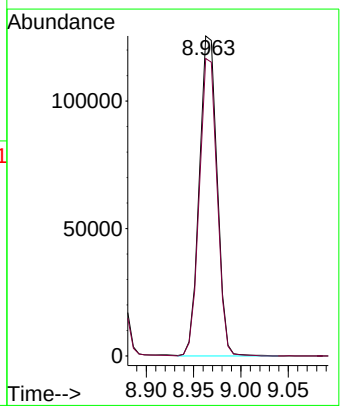


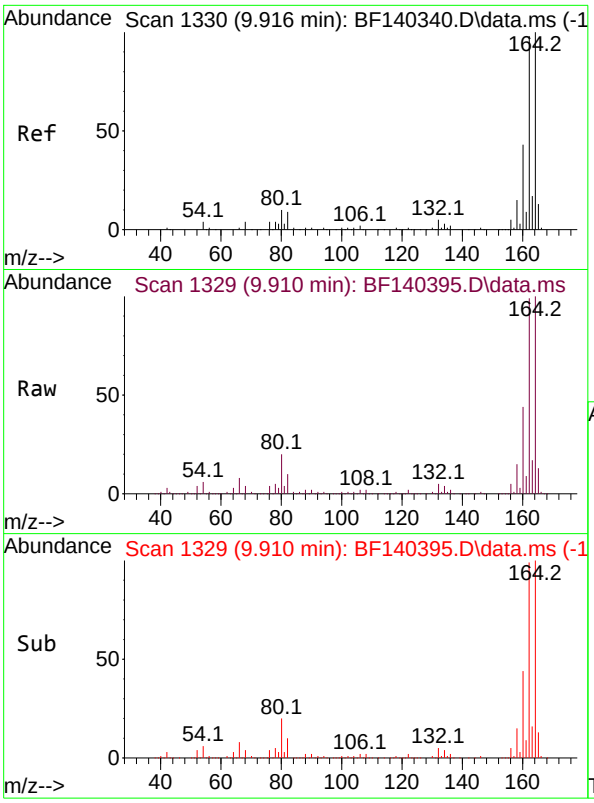


#38
1-Methylnaphthalene
Concen: 10.762 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Tgt Ion:142 Resp: 164098

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.6	110.4



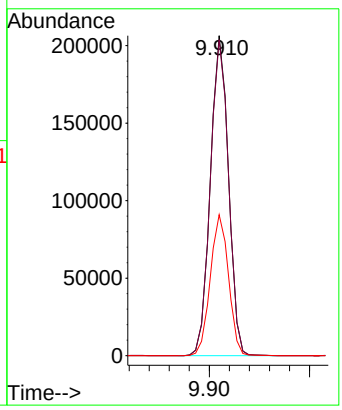


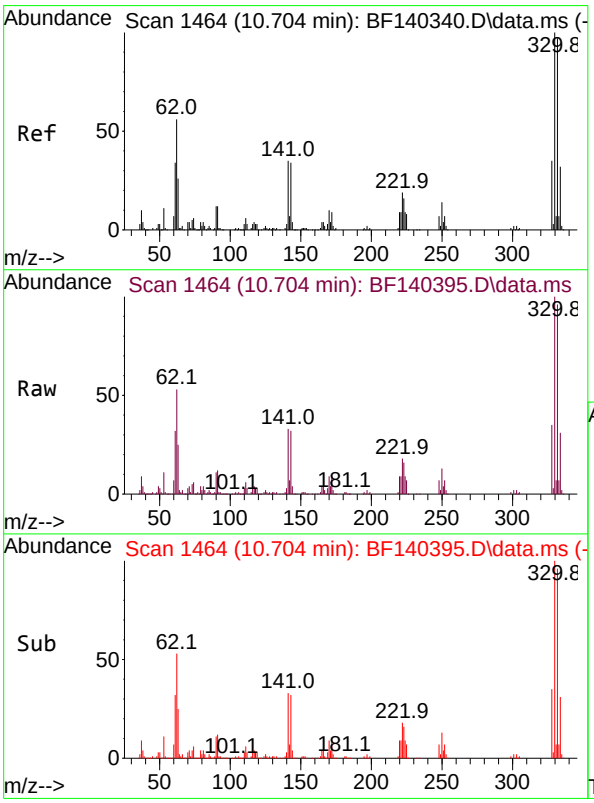
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Instrument :
BNA_F
ClientSampleId :
WC-TA2-02-C

Tgt Ion:164 Resp: 258727

Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.8	119.8
160	44.1	35.4	53.0

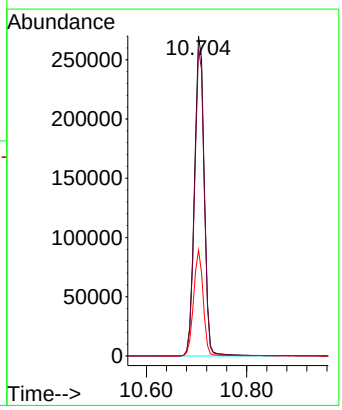


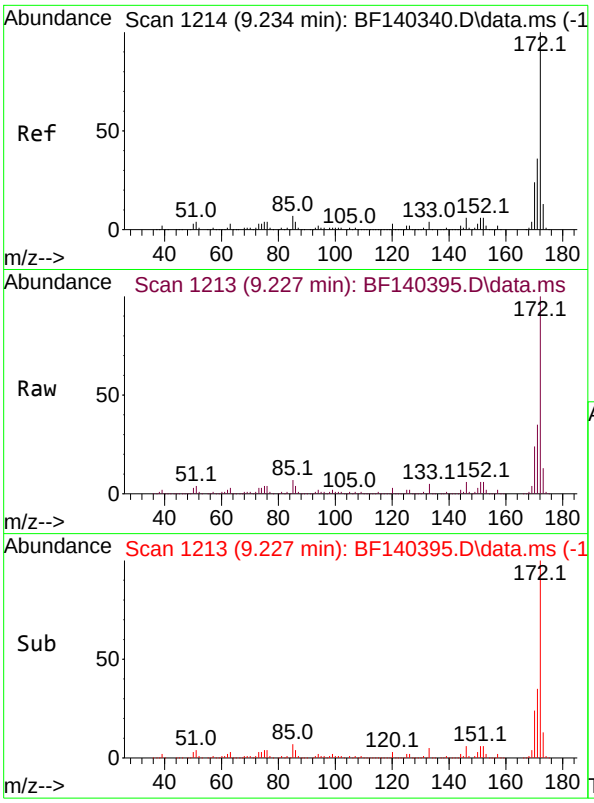


#42
2,4,6-Tribromophenol
Concen: 141.134 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Tgt Ion:330 Resp: 363116

Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.9	113.9
141	32.8	26.9	40.3



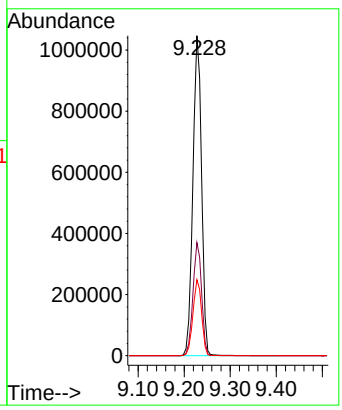


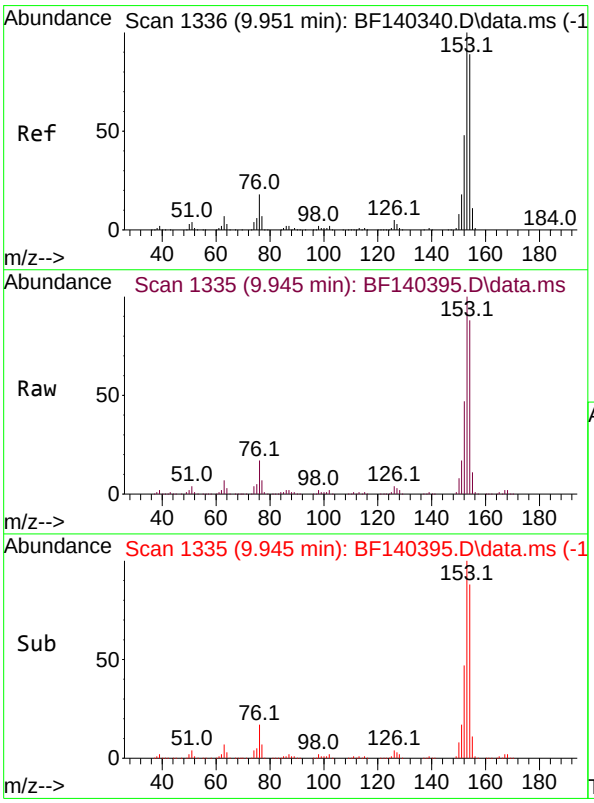
#45
2-Fluorobiphenyl
Concen: 84.790 ng
RT: 9.227 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Instrument :
BNA_F
ClientSampleId :
WC-TA2-02-C

Tgt Ion:172 Resp: 1364655

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.8	19.1	28.7

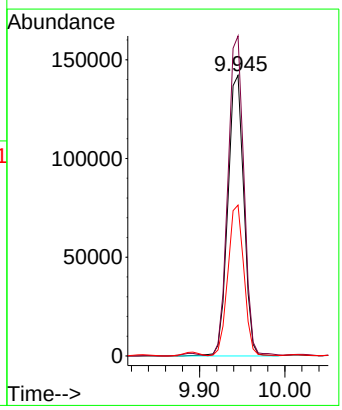


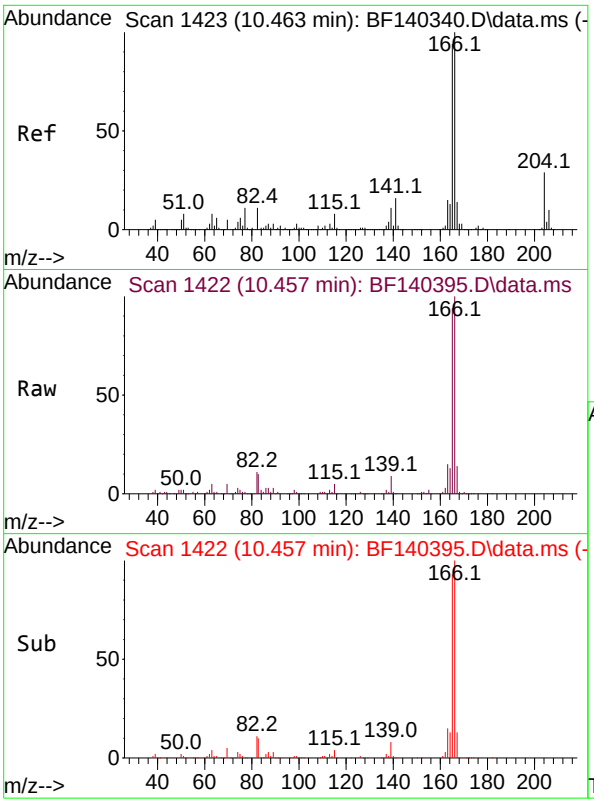


#52
Acenaphthene
Concen: 12.620 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Tgt Ion:154 Resp: 184909

Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.8	134.8
152	53.8	42.6	64.0



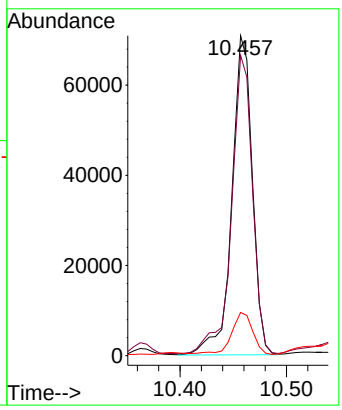


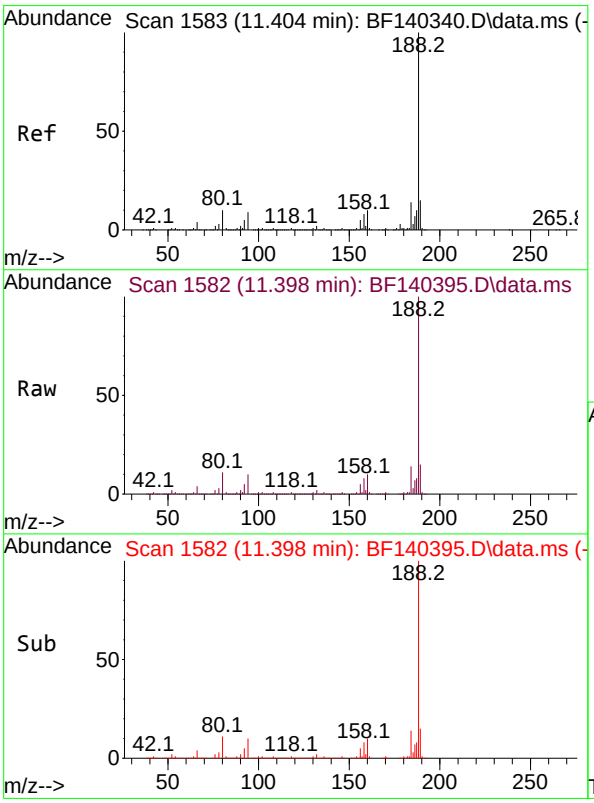
#58
Fluorene
Concen: 5.785 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Instrument :
BNA_F
ClientSampleId :
WC-TA2-02-C

Tgt Ion:166 Resp: 94791

Ion	Ratio	Lower	Upper
166	100		
165	93.8	73.9	110.9
167	13.5	10.9	16.3

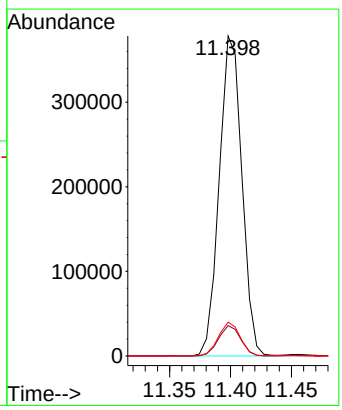


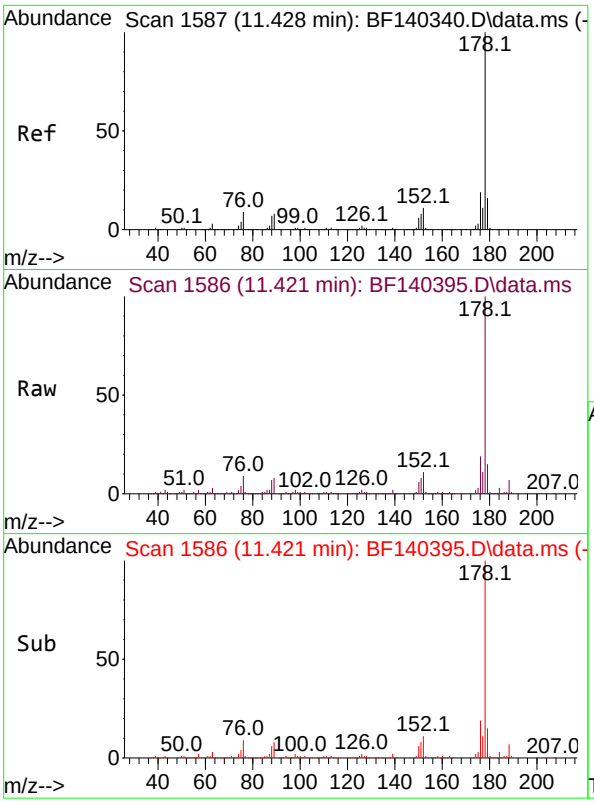


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Tgt Ion:188 Resp: 489102

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.6	11.4
80	10.6	8.0	12.0



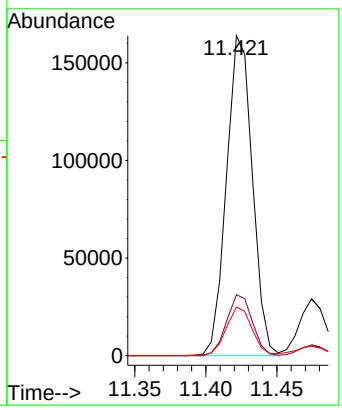


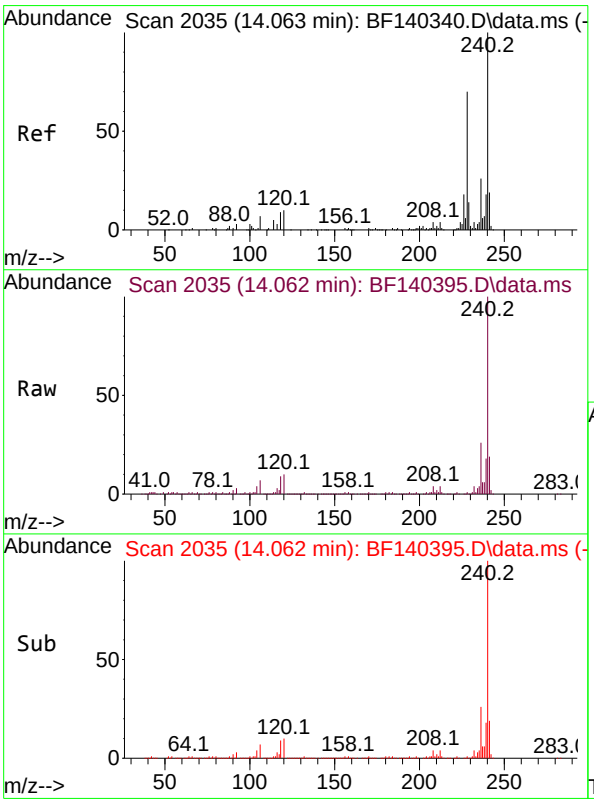
#71
Phenanthrene
Concen: 9.059 ng
RT: 11.421 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Instrument :
BNA_F
ClientSampleId :
WC-TA2-02-C

Tgt Ion:178 Resp: 208137

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.2	12.4	18.6

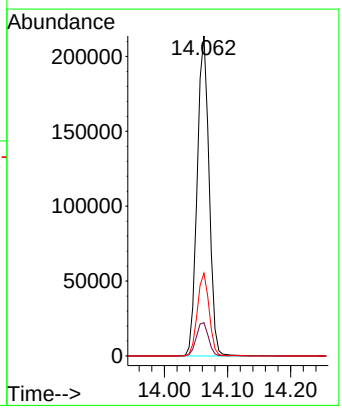


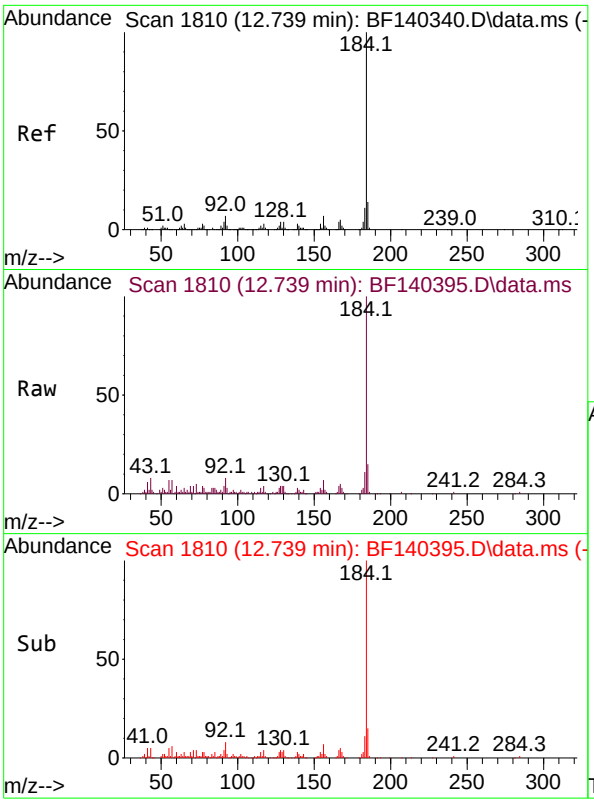


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2035
Delta R.T. 0.012 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Tgt Ion:240 Resp: 278626

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.8	13.2
236	25.8	20.9	31.3



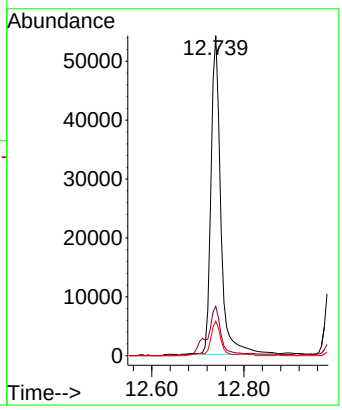


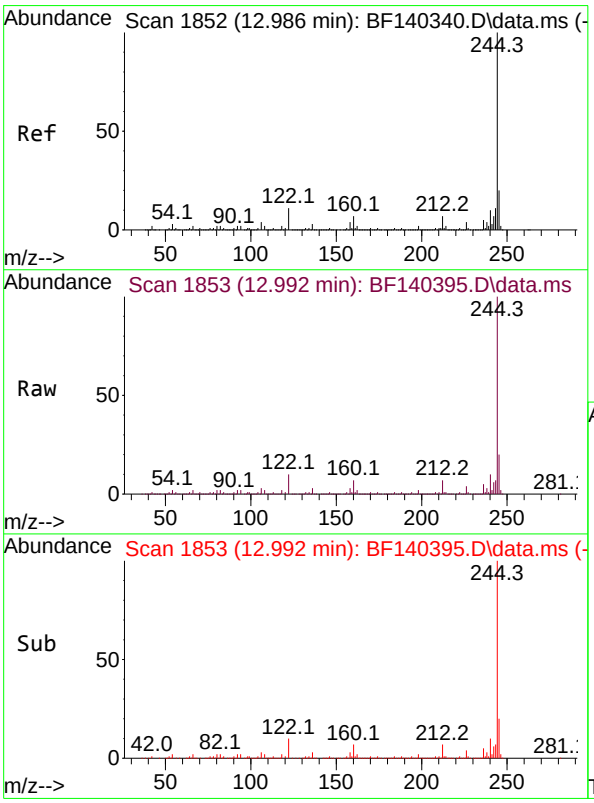
#77
Benzidine
Concen: 7.546 ng
RT: 12.739 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Instrument :
BNA_F
ClientSampleId :
WC-TA2-02-C

Tgt Ion:184 Resp: 80699

Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.9	17.9
183	10.8	8.6	13.0

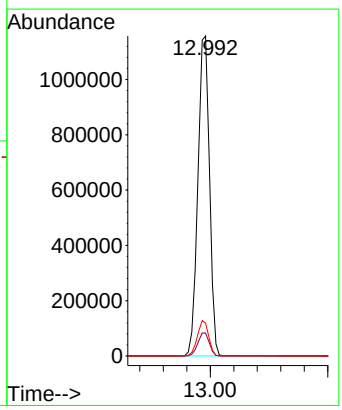


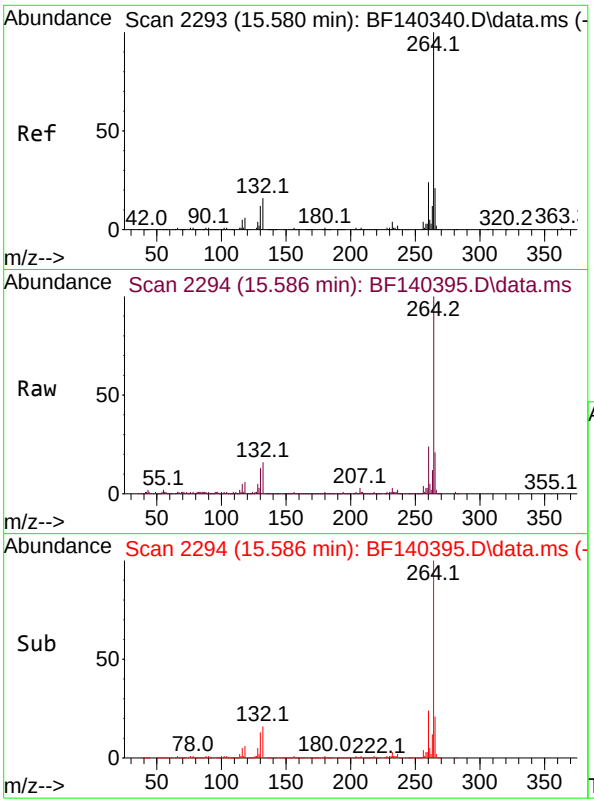


#79
Terphenyl-d14
Concen: 98.700 ng
RT: 12.992 min Scan# 1853
Delta R.T. 0.006 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Tgt Ion:244 Resp: 1584307

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.3	8.8	13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2
Delta R.T. 0.029 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Instrument :
BNA_F
ClientSampleId :
WC-TA2-02-C

Tgt Ion:264 Resp: 287340

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	17.1	25.7