Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
Data File : BF140045.D
Acq On : 25 Oct 2024 18:50
Operator : RC/JU
Sample : P4487-01RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-B5

Quant Time: Oct 25 22:43:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	102569	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	396397	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	204955	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	301912	20.000	ng	0.00
76) Chrysene-d12	14.051	240	206250	20.000	ng	0.00
86) Perylene-d12	15.527	264	165894	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	598124	91.290	ng	0.00
7) Phenol-d6	6.504	99	776159	91.466	ng	0.00
23) Nitrobenzene-d5	7.445	82	509396	71.223	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	186074	97.061	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	897015	72.333	ng	0.00
79) Terphenyl-d14	12.998	244	694147	54.841	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	69321	13.469	ng	# 75
25) Isophorone	7.445	82	506005	37.275	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	26251	9.497	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	26252	7.723	ng	# 21
63) Azobenzene	10.639	77	134426	10.116	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	11628	3.739	ng	# 1
77) Benzidine	12.992	184	8943	2.637	ng	# 90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
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Sample : P4487-01RE
Misc :
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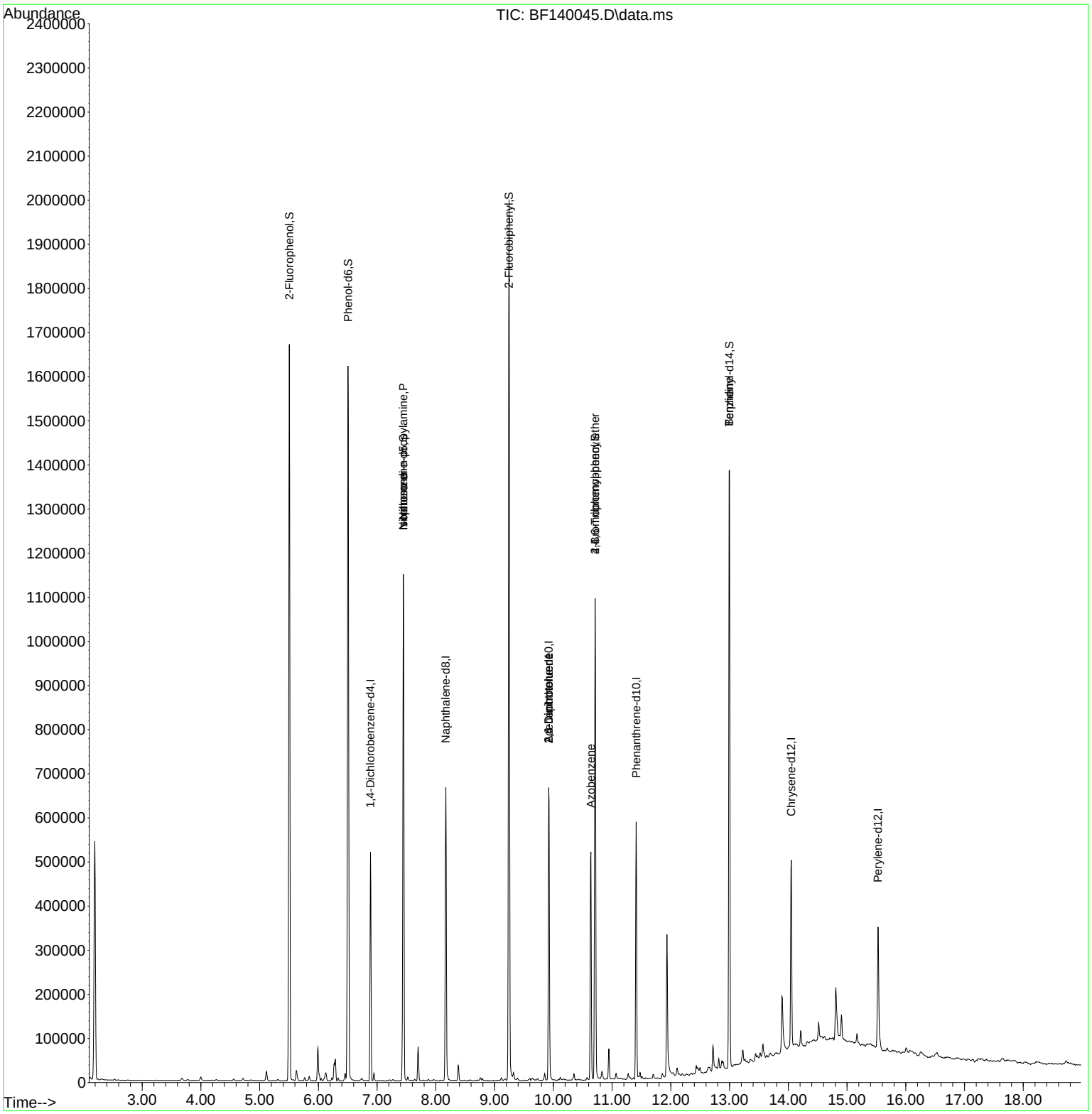
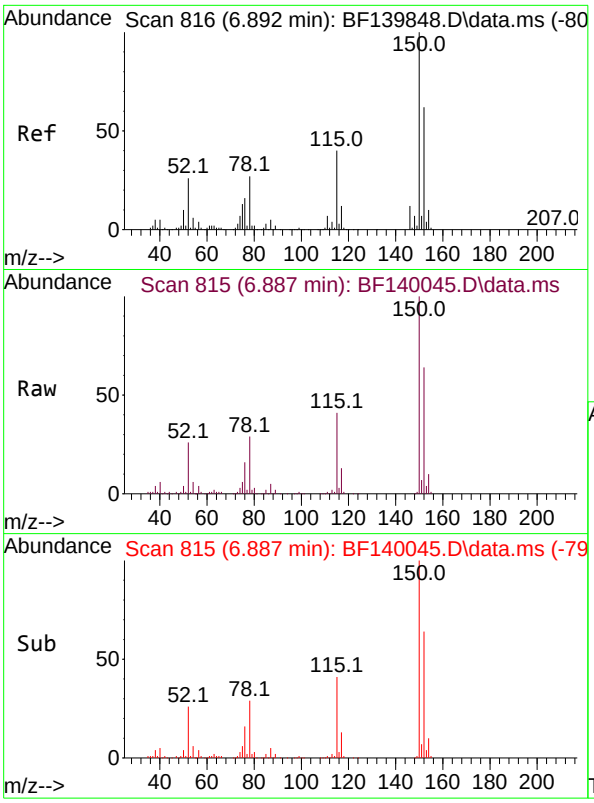


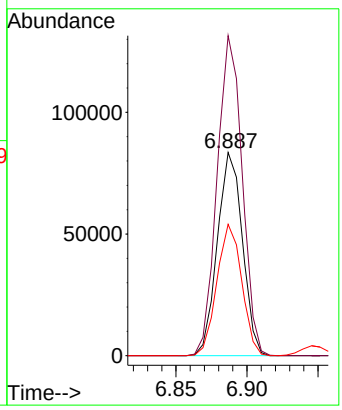


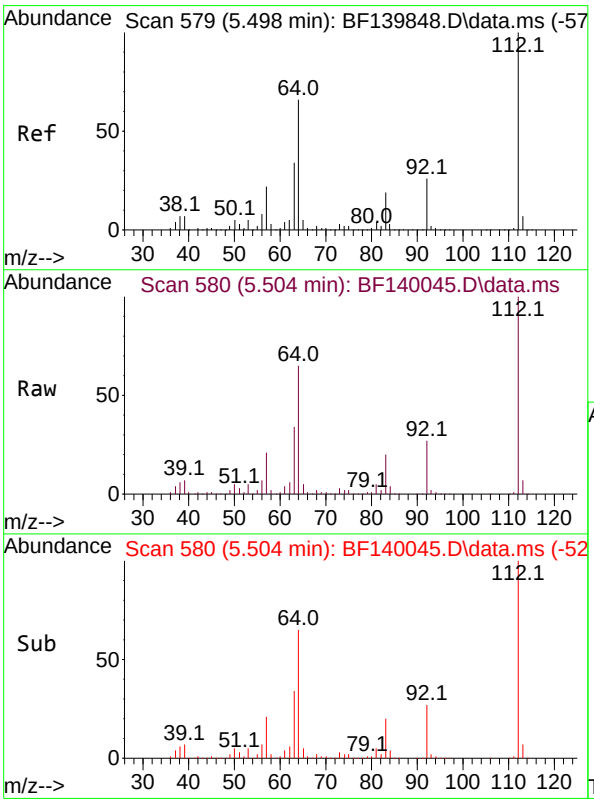
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 8
Delta R.T. -0.005 min
Lab File: BF140045.D
Acq: 25 Oct 2024 18:50

Instrument :
BNA_F
ClientSampleId :
BP-B5

Tgt Ion:152 Resp: 102569

Ion	Ratio	Lower	Upper
152	100		
150	157.4	130.2	195.2
115	64.6	51.4	77.2

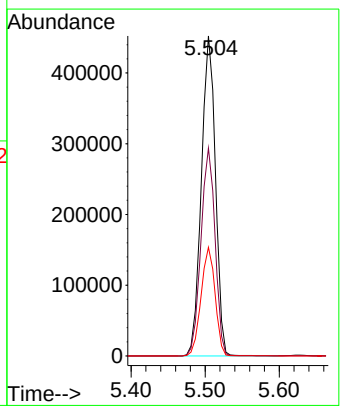


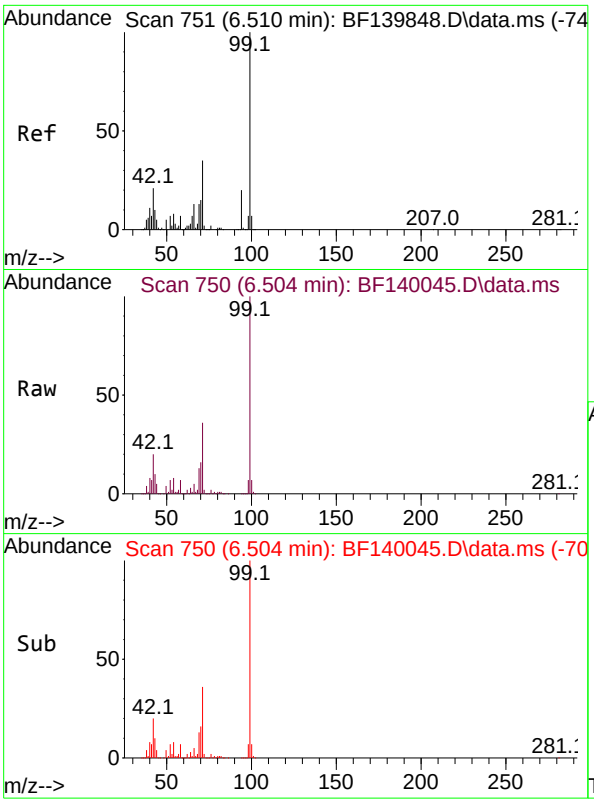


#5
2-Fluorophenol
Concen: 91.290 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140045.D
Acq: 25 Oct 2024 18:50

Tgt Ion:112 Resp: 598124

Ion	Ratio	Lower	Upper
112	100		
64	65.0	53.0	79.6
63	34.0	27.0	40.4



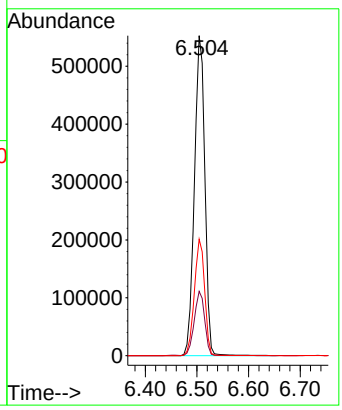


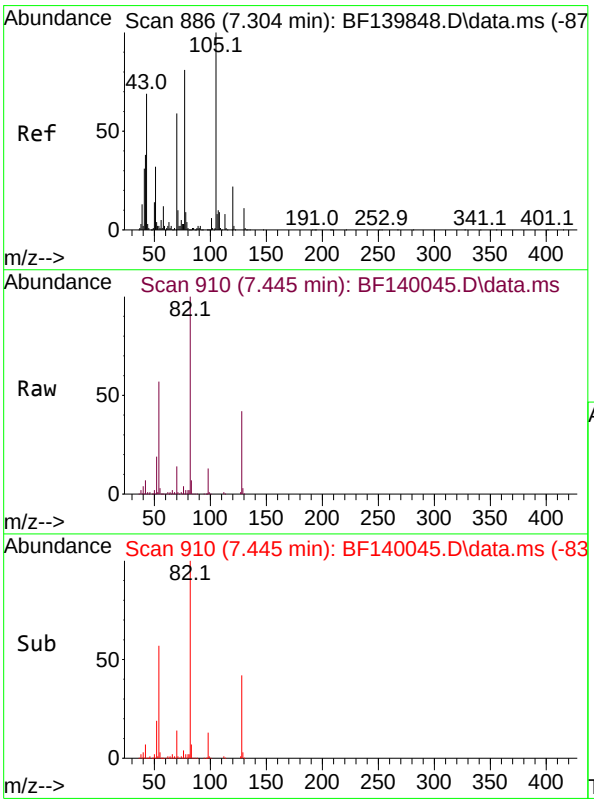
#7
Phenol-d6
Concen: 91.466 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF140045.D
Acq: 25 Oct 2024 18:50

Instrument :
BNA_F
ClientSampleId :
BP-B5

Tgt Ion: 99 Resp: 776159

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.7	25.1
71	36.4	27.7	41.5

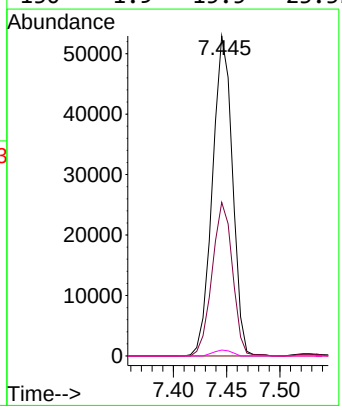


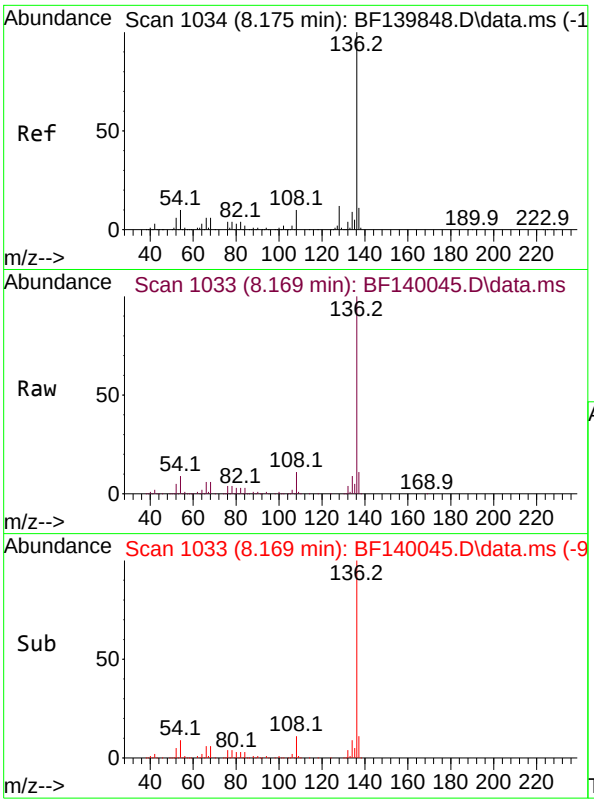


#19
n-Nitroso-di-n-propylamine
Concen: 13.469 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140045.D
Acq: 25 Oct 2024 18:50

Tgt Ion: 70 Resp: 69321

Ion	Ratio	Lower	Upper
70	100		
42	48.0	51.5	77.3#
101	0.0	7.5	11.3#
130	1.9	15.5	23.3#



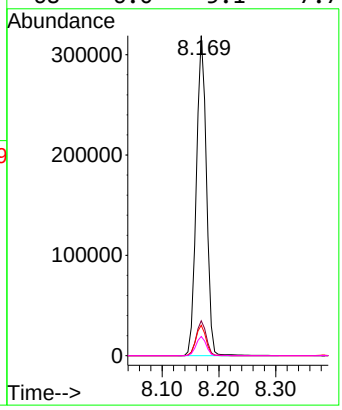


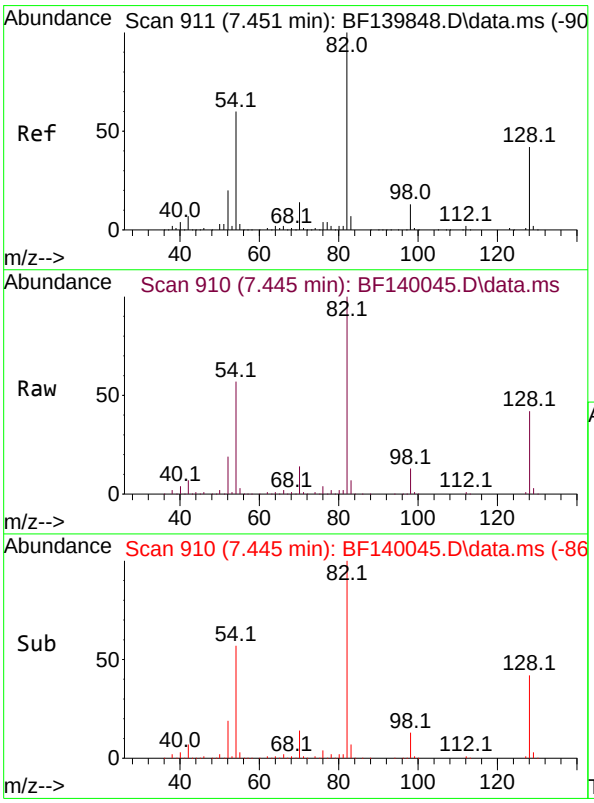
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140045.D
Acq: 25 Oct 2024 18:50

Instrument :
BNA_F
ClientSampleId :
BP-B5

Tgt Ion:136 Resp: 396397

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.5	8.4	12.6
68	6.0	5.1	7.7

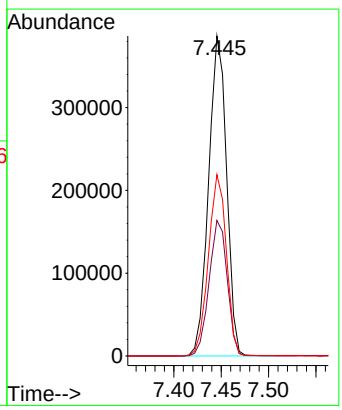


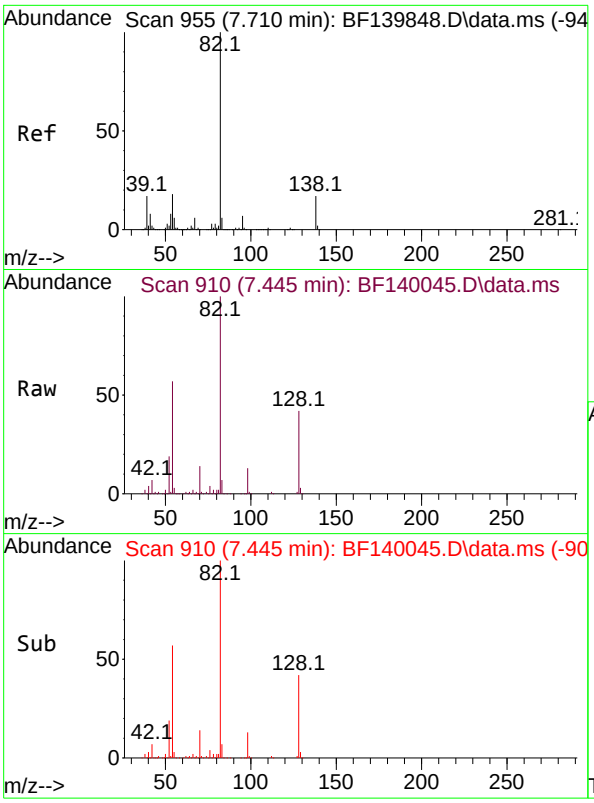


#23
Nitrobenzene-d5
Concen: 71.223 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140045.D
Acq: 25 Oct 2024 18:50

Tgt Ion: 82 Resp: 509396

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.4	50.0
54	56.7	47.8	71.8



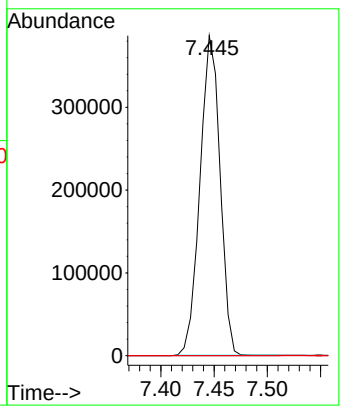


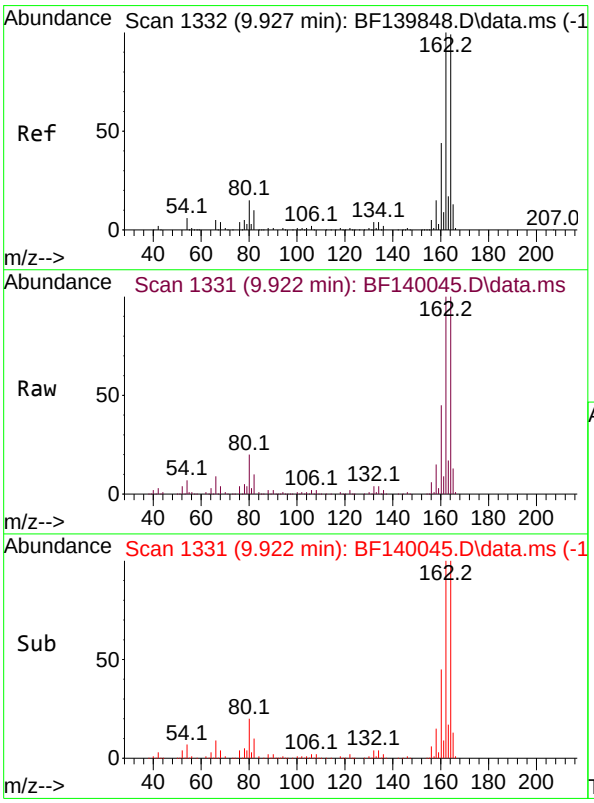
#25
Isophorone
Concen: 37.275 ng
RT: 7.445 min Scan# 9
Delta R.T. -0.265 min
Lab File: BF140045.D
Acq: 25 Oct 2024 18:50

Instrument :
BNA_F
ClientSampleId :
BP-B5

Tgt Ion: 82 Resp: 506005

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	13.2	19.8#

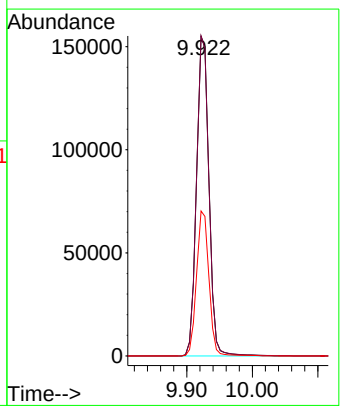


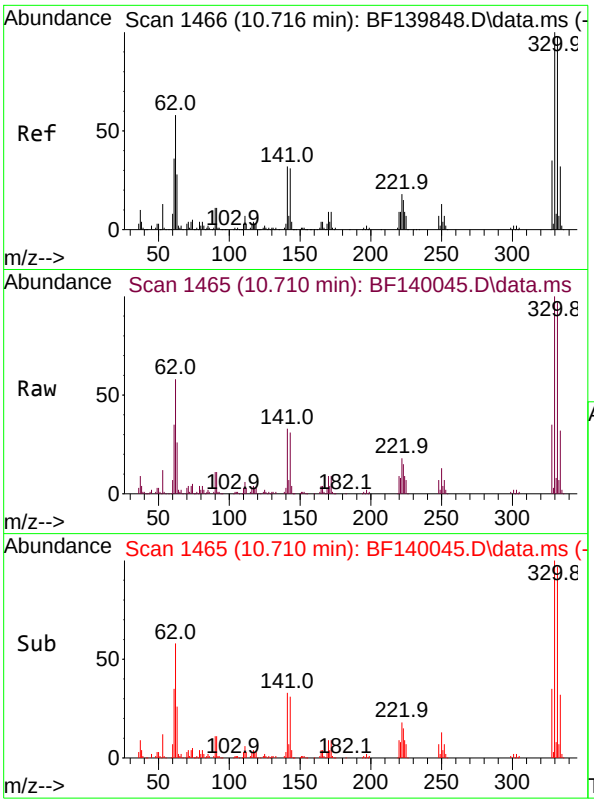


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140045.D
Acq: 25 Oct 2024 18:50

Tgt Ion:164 Resp: 204955

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.0	121.4
160	45.4	35.4	53.0



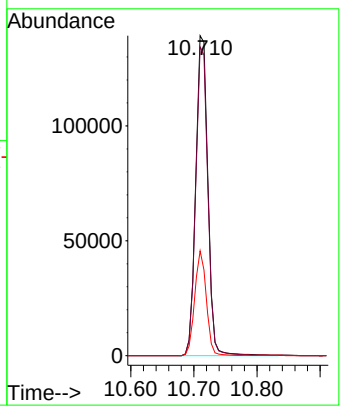


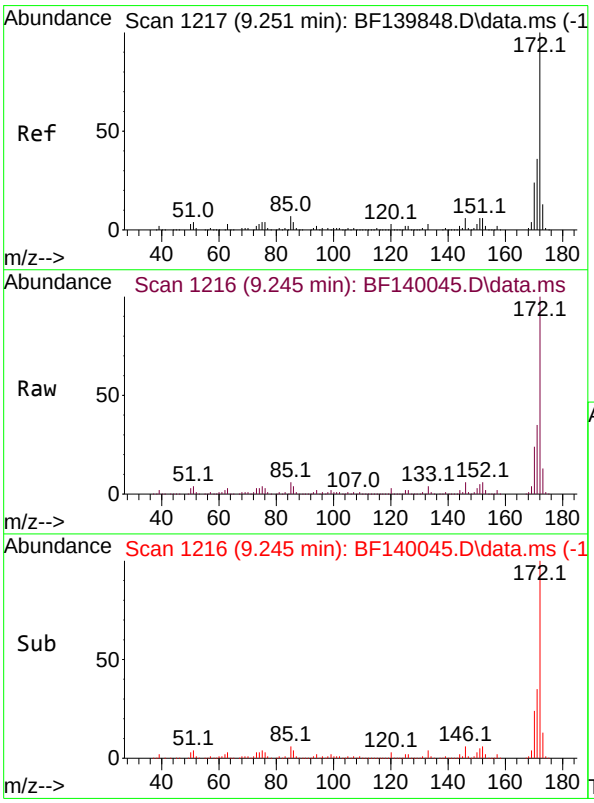
#42
2,4,6-Tribromophenol
Concen: 97.061 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF140045.D
Acq: 25 Oct 2024 18:50

Instrument :
BNA_F
ClientSampleId :
BP-B5

Tgt Ion:330 Resp: 186074

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.1	117.1
141	31.3	26.6	39.8

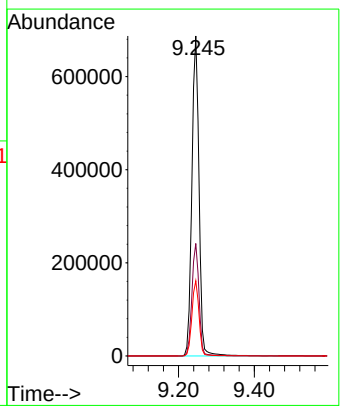


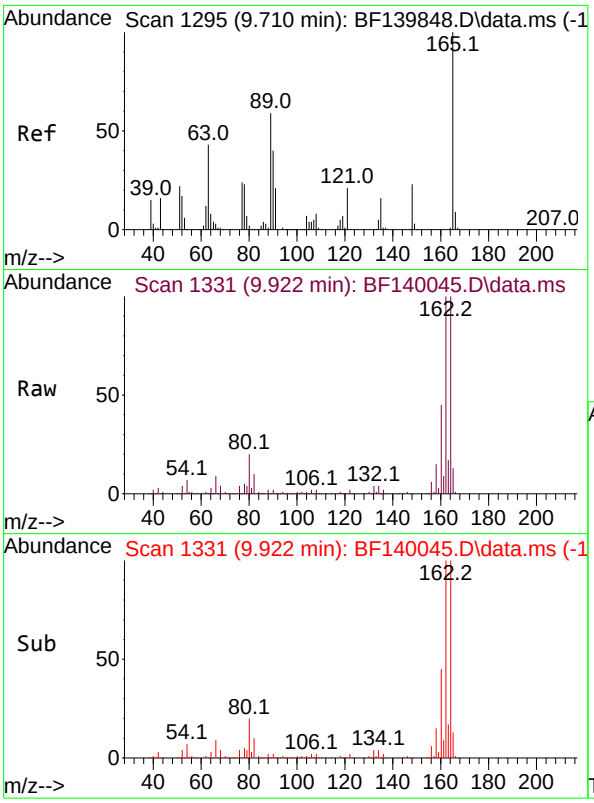


#45
2-Fluorobiphenyl
Concen: 72.333 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140045.D
Acq: 25 Oct 2024 18:50

Tgt Ion:172 Resp: 897015

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	23.5	19.1	28.7



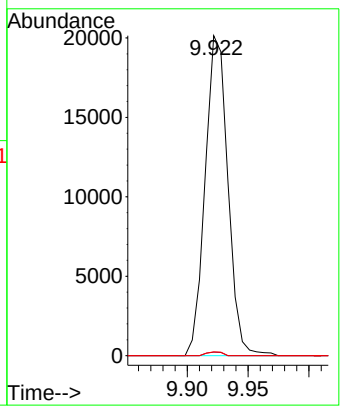


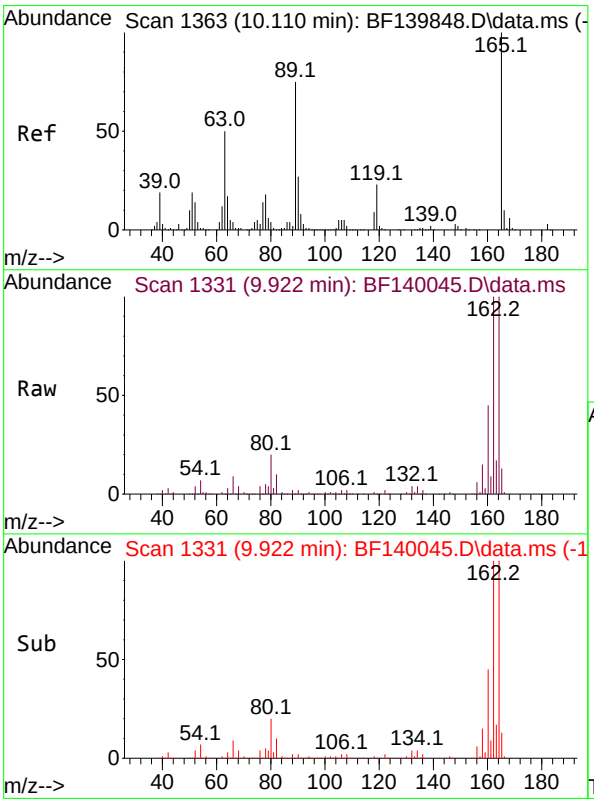
#51
2,6-Dinitrotoluene
Concen: 9.497 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.212 min
Lab File: BF140045.D
Acq: 25 Oct 2024 18:50

Instrument :
BNA_F
ClientSampleId :
BP-B5

Tgt Ion:165 Resp: 26251

Ion	Ratio	Lower	Upper
165	100		
63	1.1	50.6	75.8#
89	1.2	47.5	71.3#

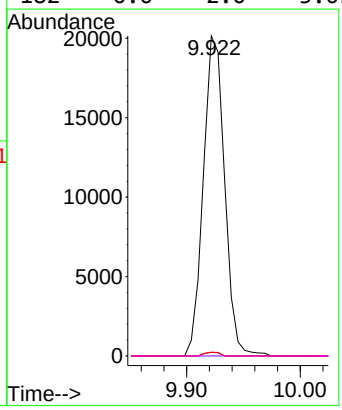


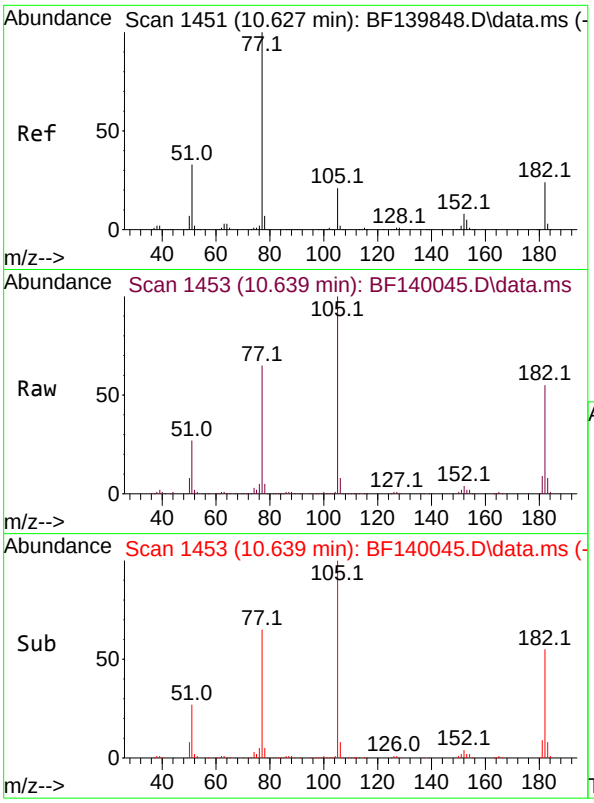


#57
2,4-Dinitrotoluene
Concen: 7.723 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140045.D
Acq: 25 Oct 2024 18:50

Tgt Ion:165 Resp: 26252

Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.1	60.1#
89	1.2	60.4	90.6#
182	0.0	2.0	3.0#



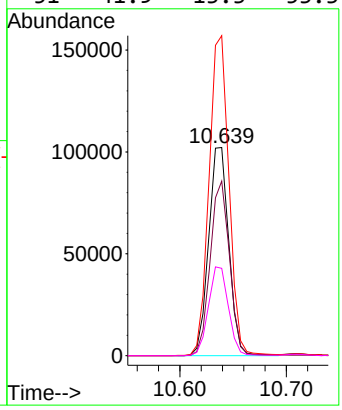


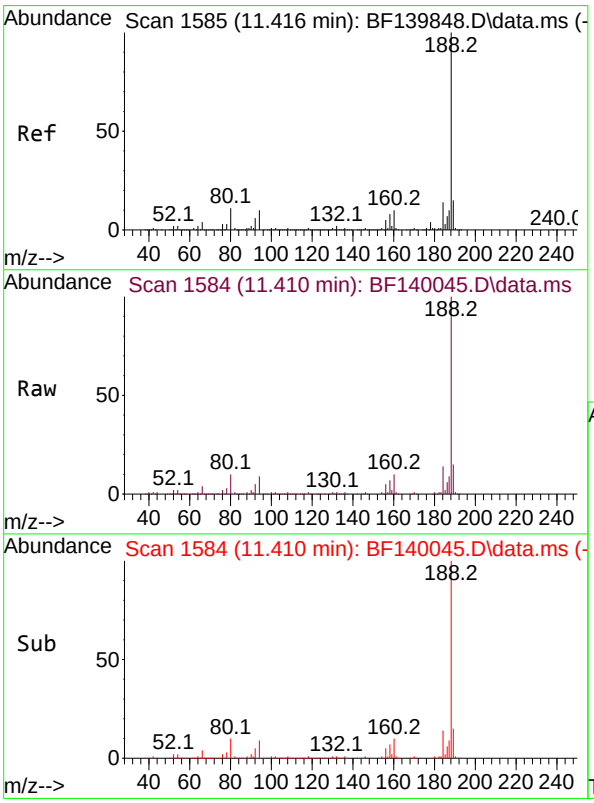
#63
Azobenzene
Concen: 10.116 ng
RT: 10.639 min Scan# 14
Delta R.T. 0.012 min
Lab File: BF140045.D
Acq: 25 Oct 2024 18:50

Instrument :
BNA_F
ClientSampleId :
BP-B5

Tgt Ion: 77 Resp: 134426

Ion	Ratio	Lower	Upper
77	100		
182	83.9	3.3	43.3#
105	153.7	1.2	41.2#
51	41.9	13.3	53.3

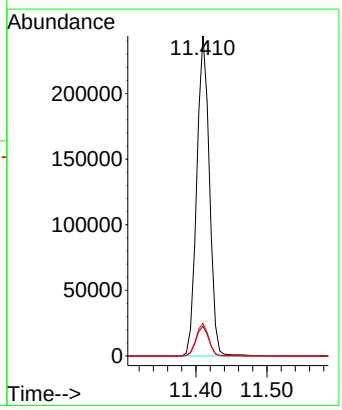


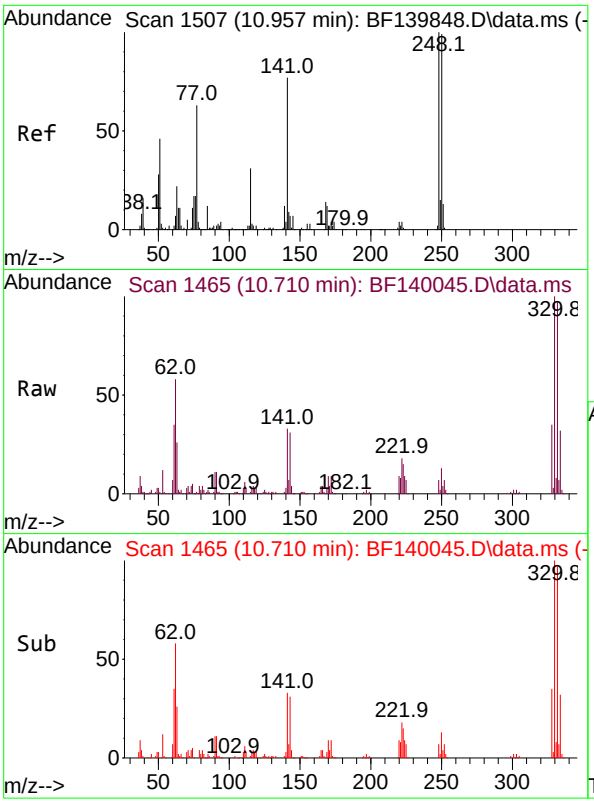


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF140045.D
Acq: 25 Oct 2024 18:50

Tgt Ion:188 Resp: 301912

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.9	11.9
80	10.2	9.0	13.4



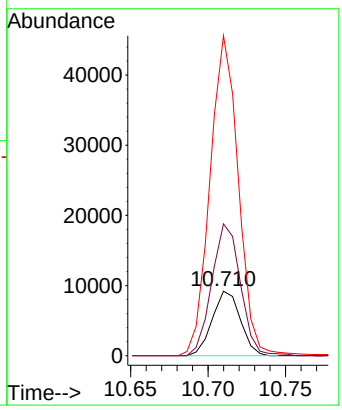


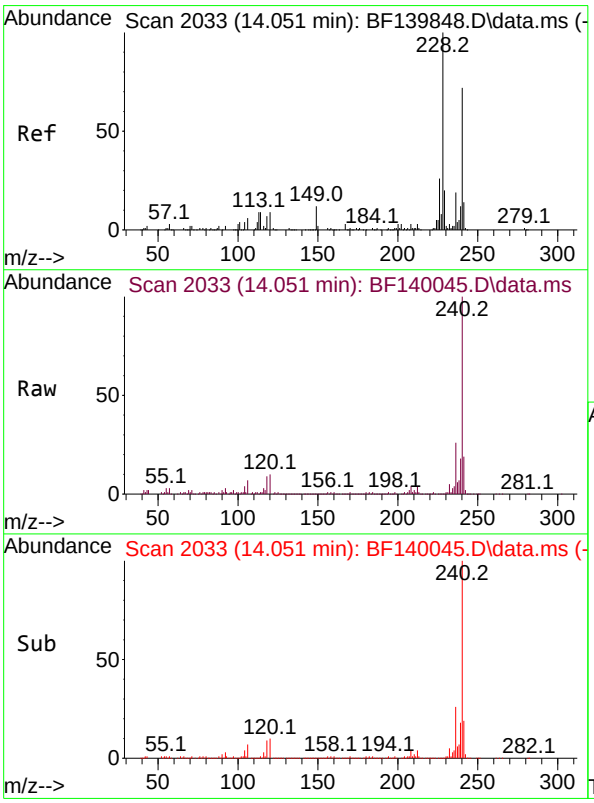
#67
4-Bromophenyl-phenylether
Concen: 3.739 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140045.D
Acq: 25 Oct 2024 18:50

Instrument :
BNA_F
ClientSampleId :
BP-B5

Tgt Ion:248 Resp: 11628

Ion	Ratio	Lower	Upper
248	100		
250	204.3	79.0	118.6#
141	495.8	61.7	92.5#

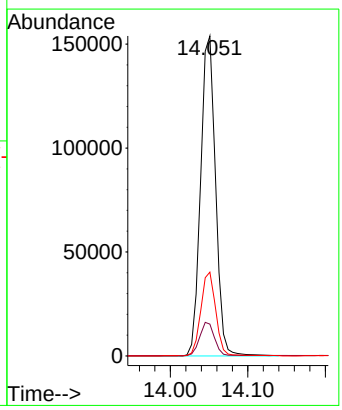


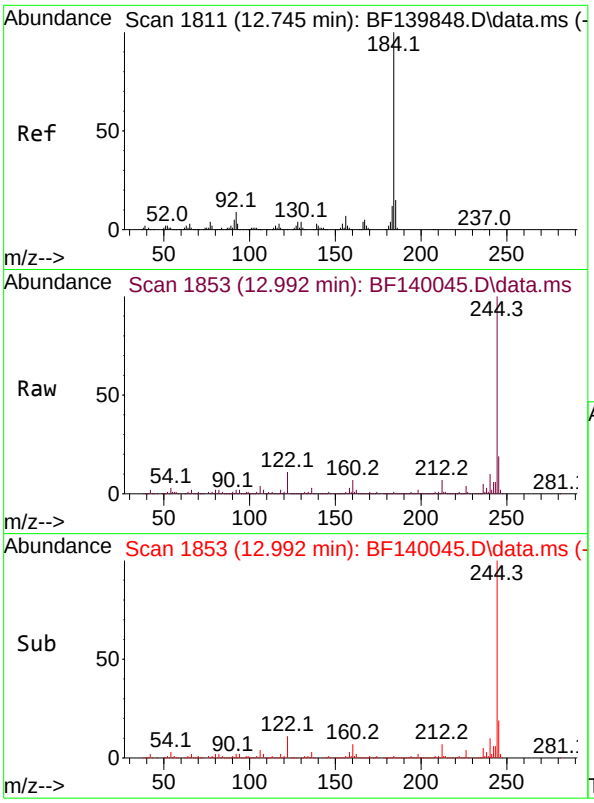


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140045.D
Acq: 25 Oct 2024 18:50

Tgt Ion:240 Resp: 206250

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.4	14.2
236	26.2	20.9	31.3



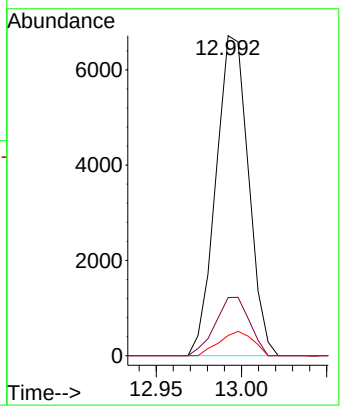


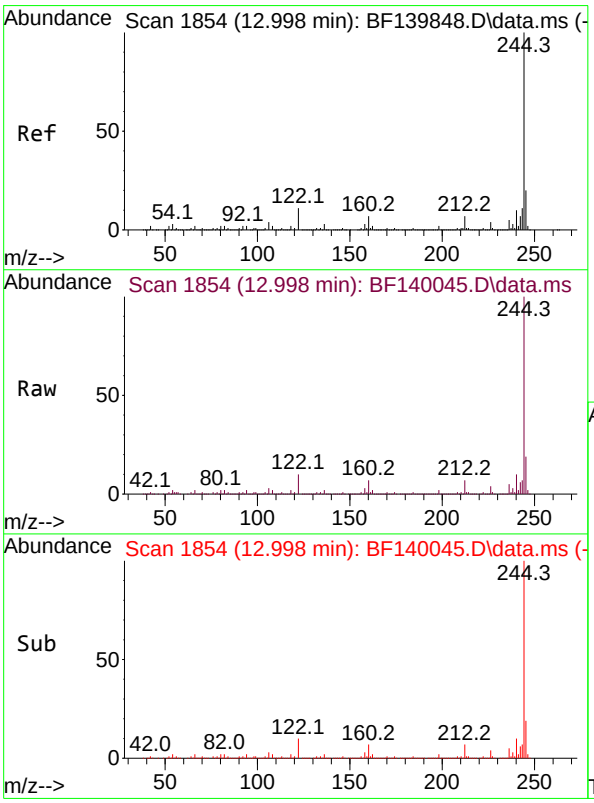
#77
Benzidine
Concen: 2.637 ng
RT: 12.992 min Scan# 1
Delta R.T. 0.247 min
Lab File: BF140045.D
Acq: 25 Oct 2024 18:50

Instrument :
BNA_F
ClientSampleId :
BP-B5

Tgt Ion:184 Resp: 8943

Ion	Ratio	Lower	Upper
184	100		
185	18.1	12.0	18.0#
183	6.3	9.4	14.2#

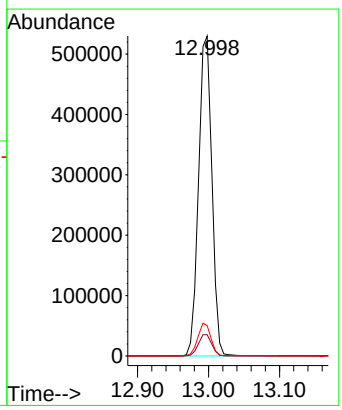


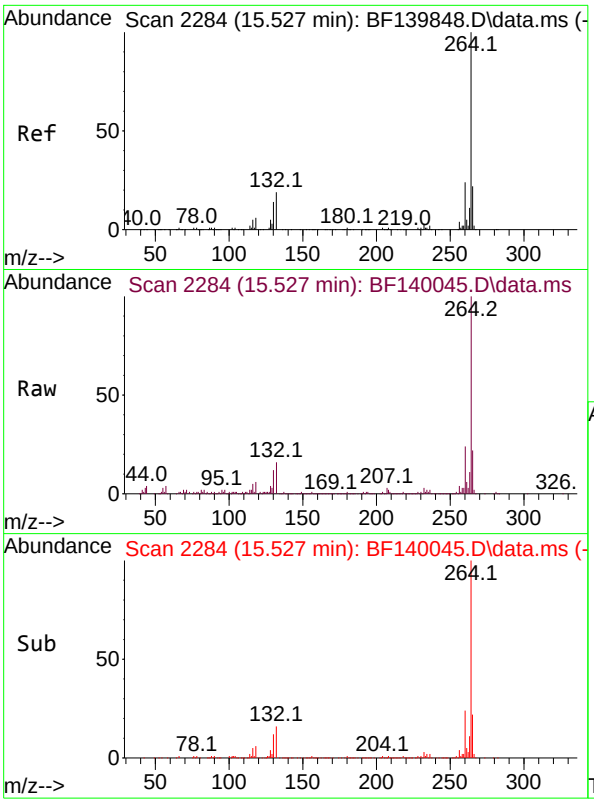


#79
Terphenyl-d14
Concen: 54.841 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF140045.D
Acq: 25 Oct 2024 18:50

Tgt Ion:244 Resp: 694147

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	9.5	8.6	13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF140045.D
Acq: 25 Oct 2024 18:50

Instrument :
BNA_F
ClientSampleId :
BP-B5

Tgt Ion:264 Resp: 165894

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.8	17.4	26.0