Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
Data File : BF139947.D
Acq On : 23 Oct 2024 00:11
Operator : RC/JU
Sample : P4385-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-6

Quant Time: Oct 23 01:15:12 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	6.892	152	114279	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	384129	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	173441	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	309030	20.000	ng	0.00
76) Chrysene-d12	14.051	240	295313	20.000	ng	0.00
86) Perylene-d12	15.527	264	215288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	688420	94.305	ng	0.00
7) Phenol-d6	6.504	99	816896	86.402	ng	0.00
23) Nitrobenzene-d5	7.445	82	509749	73.549	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	170666	105.199	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	848203	80.824	ng	0.00
79) Terphenyl-d14	12.998	244	1040925	57.436	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	68148	11.885	ng	# 78
25) Isophorone	7.445	82	508137	38.628	ng	# 67
51) 2,6-Dinitrotoluene	9.927	165	21901	9.363	ng	# 21
57) 2,4-Dinitrotoluene	9.927	165	21901	7.614	ng	# 21
63) Azobenzene	10.633	77	27131	2.413	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	10841	3.405	ng	# 1
77) Benzidine	12.998	184	13421	2.764	ng	# 91

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

Quantitation Report (Not Reviewed)

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Acq On : 23 Oct 2024 00:11
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Sample : P4385-12
Misc :
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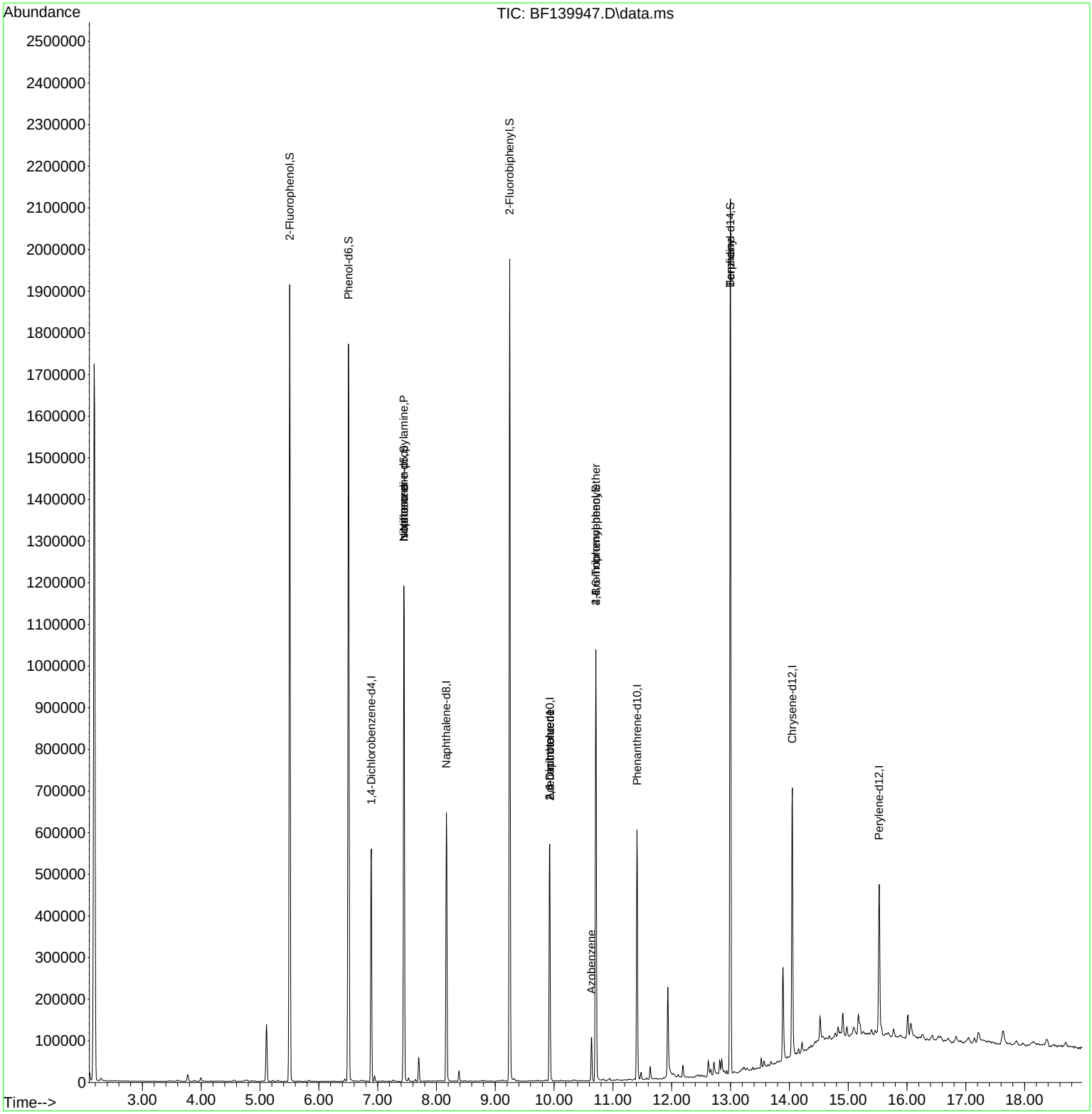
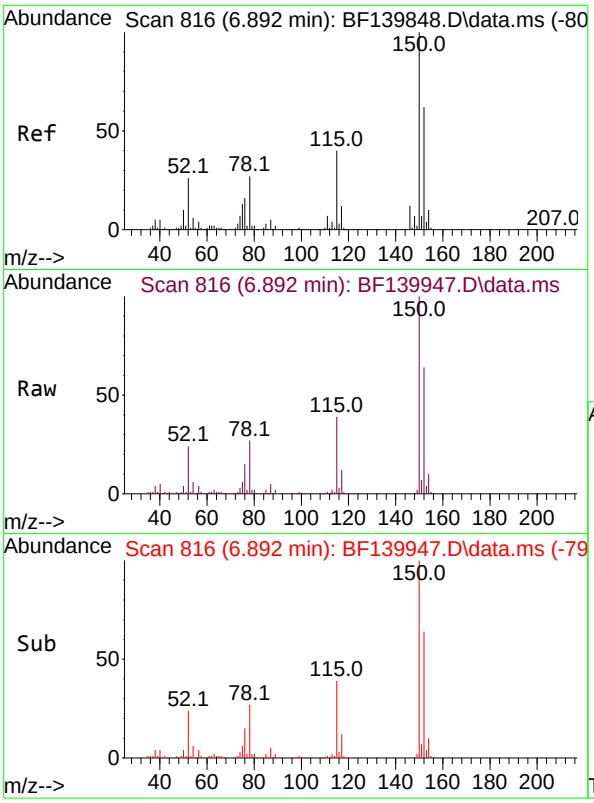


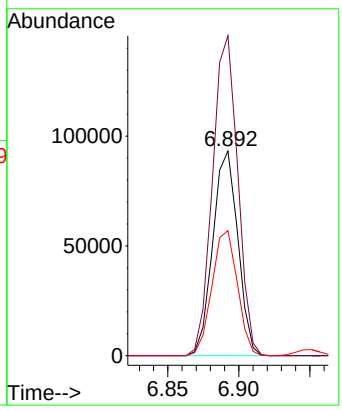


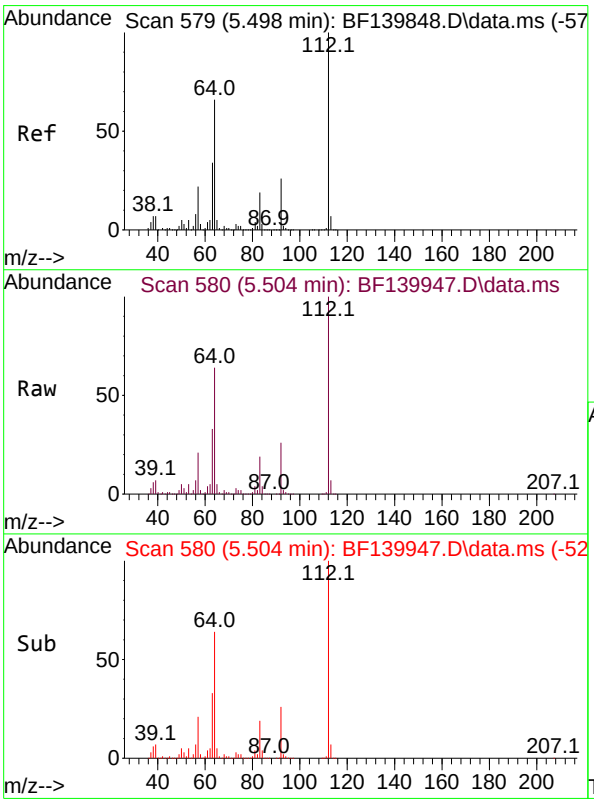
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:152 Resp: 114279

Ion	Ratio	Lower	Upper
152	100		
150	156.3	130.2	195.2
115	61.1	51.4	77.2

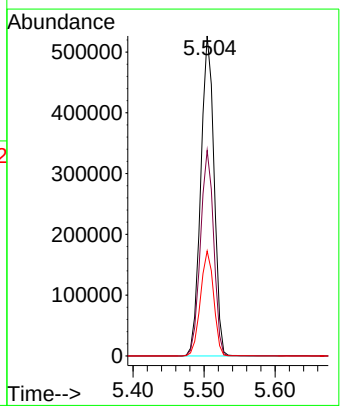


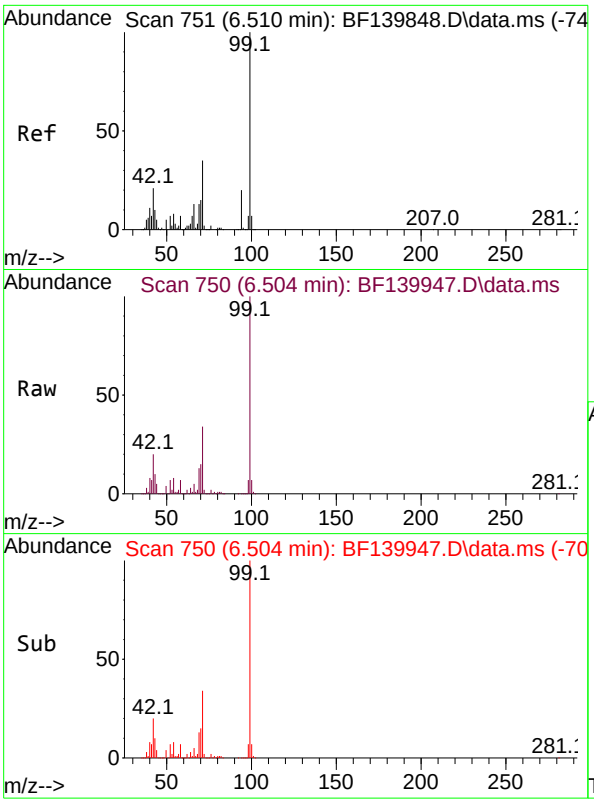


#5
2-Fluorophenol
Concen: 94.305 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

Tgt Ion:112 Resp: 688420

Ion	Ratio	Lower	Upper
112	100		
64	64.2	53.0	79.6
63	32.8	27.0	40.4



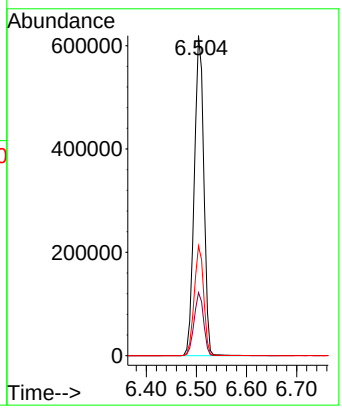


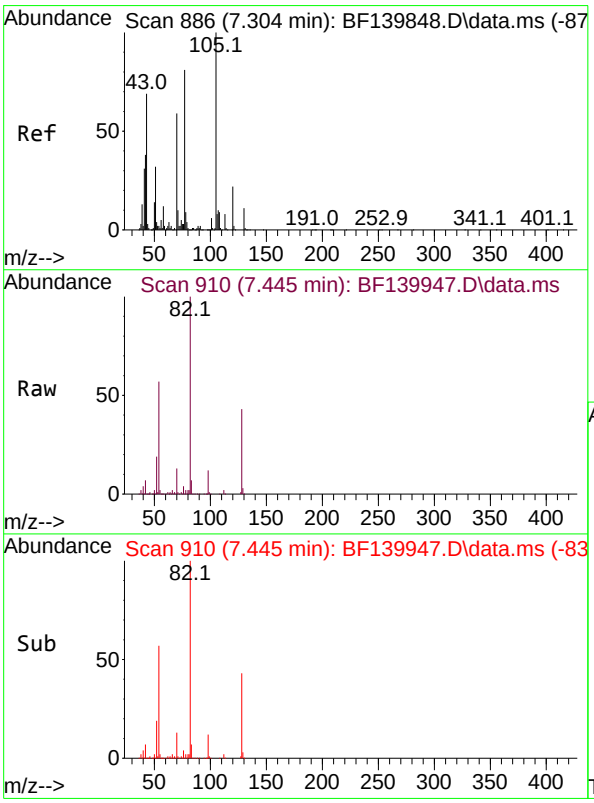
#7
Phenol-d6
Concen: 86.402 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion: 99 Resp: 816896

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.7	25.1
71	34.3	27.7	41.5

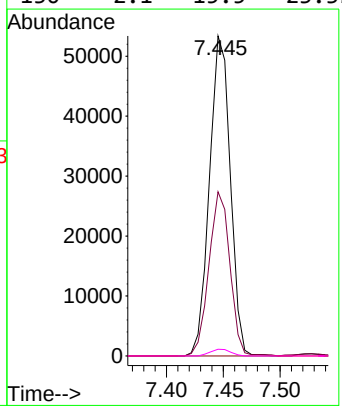


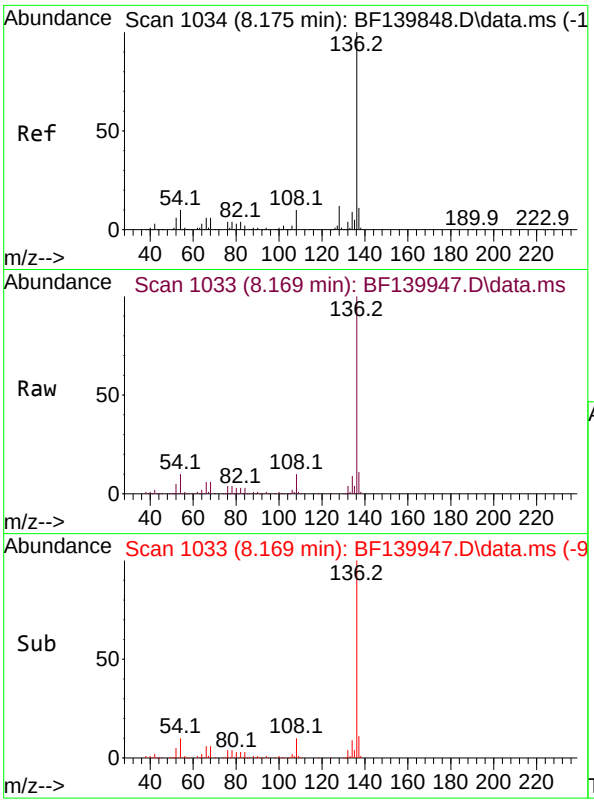


#19
n-Nitroso-di-n-propylamine
Concen: 11.885 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

Tgt Ion: 70 Resp: 68148

Ion	Ratio	Lower	Upper
70	100		
42	51.3	51.5	77.3#
101	0.0	7.5	11.3#
130	2.1	15.5	23.3#



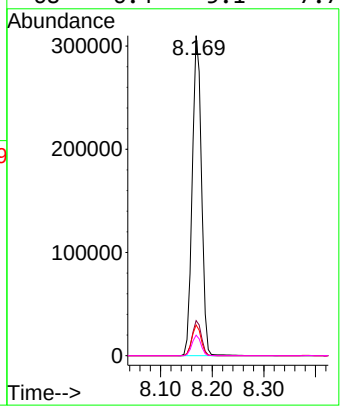


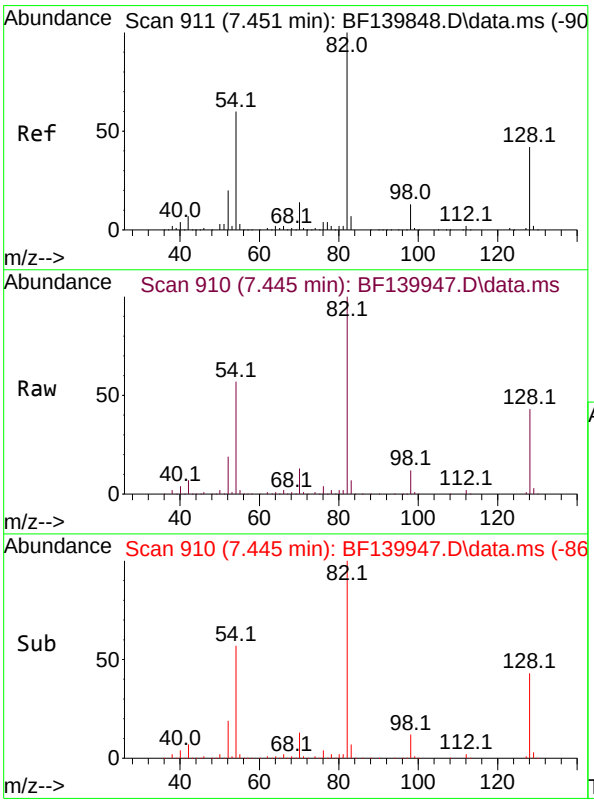
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:136 Resp: 384129

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.6	8.4	12.6
68	6.4	5.1	7.7

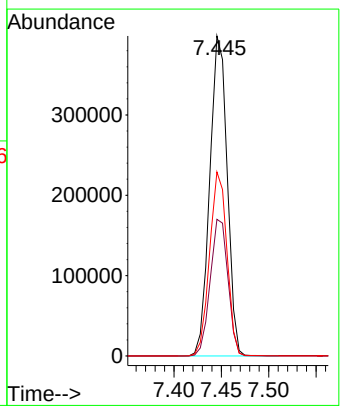


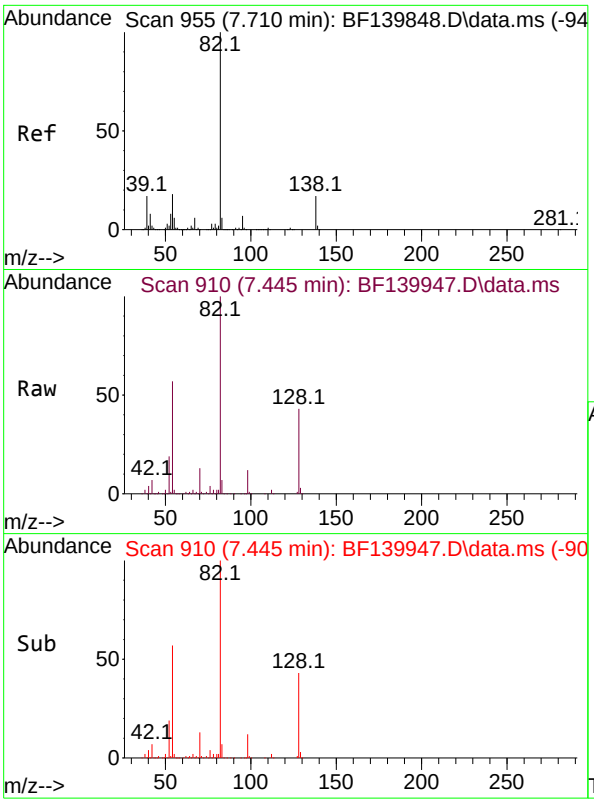


#23
Nitrobenzene-d5
Concen: 73.549 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

Tgt Ion: 82 Resp: 509749

Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.4	50.0
54	57.5	47.8	71.8



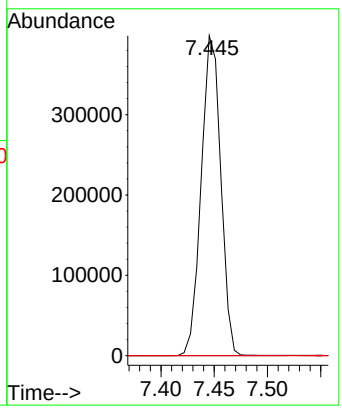


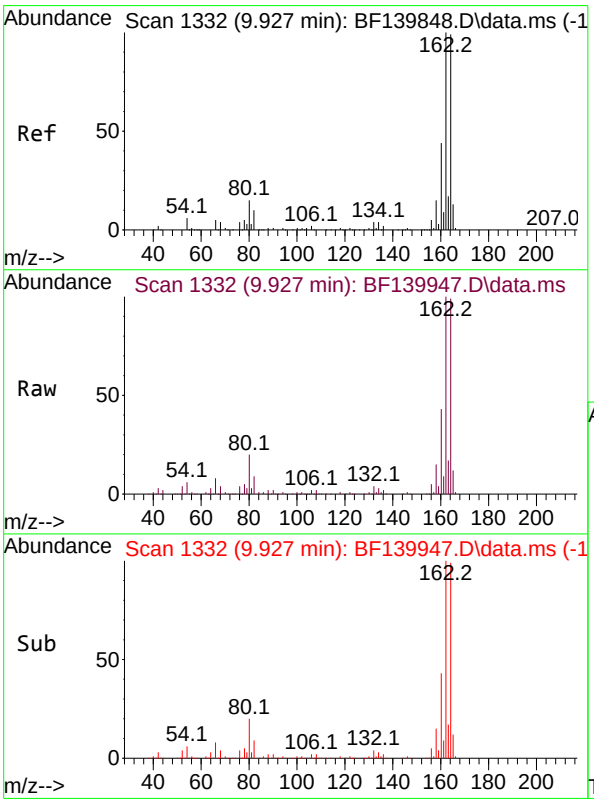
#25
Isophorone
Concen: 38.628 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion: 82 Resp: 508137

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

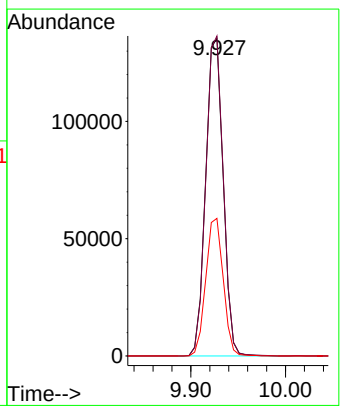


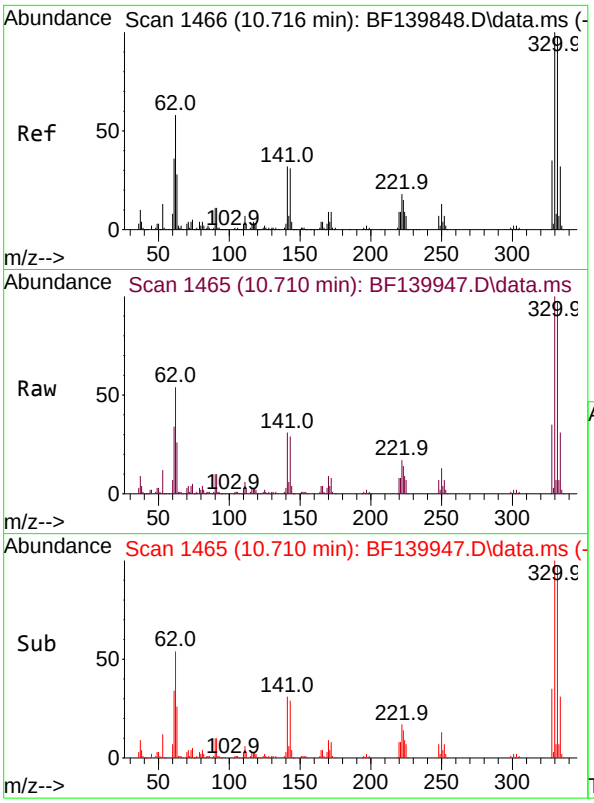


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

Tgt Ion:164 Resp: 173441

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.0	121.4
160	43.4	35.4	53.0



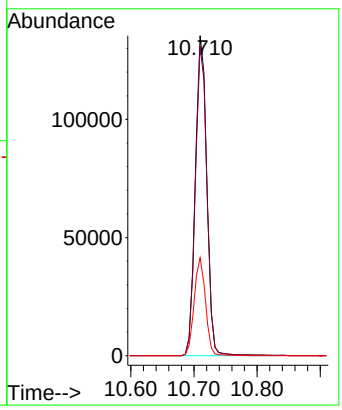


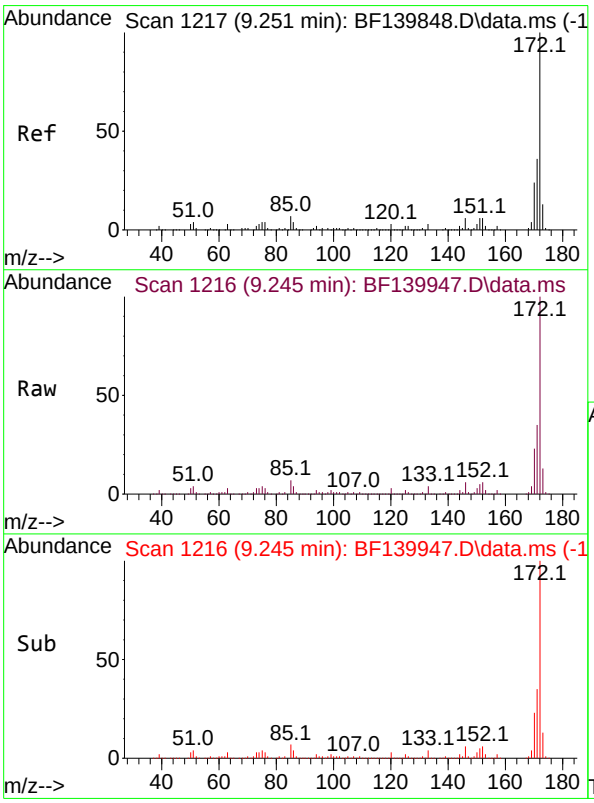
#42
2,4,6-Tribromophenol
Concen: 105.199 ng
RT: 10.710 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:330 Resp: 170666

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.1	117.1
141	30.3	26.6	39.8

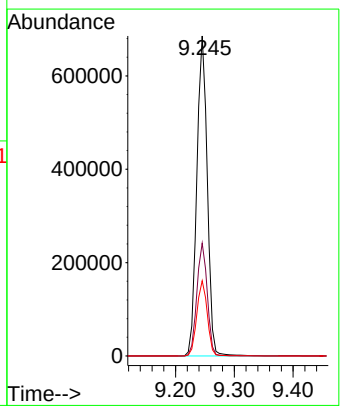


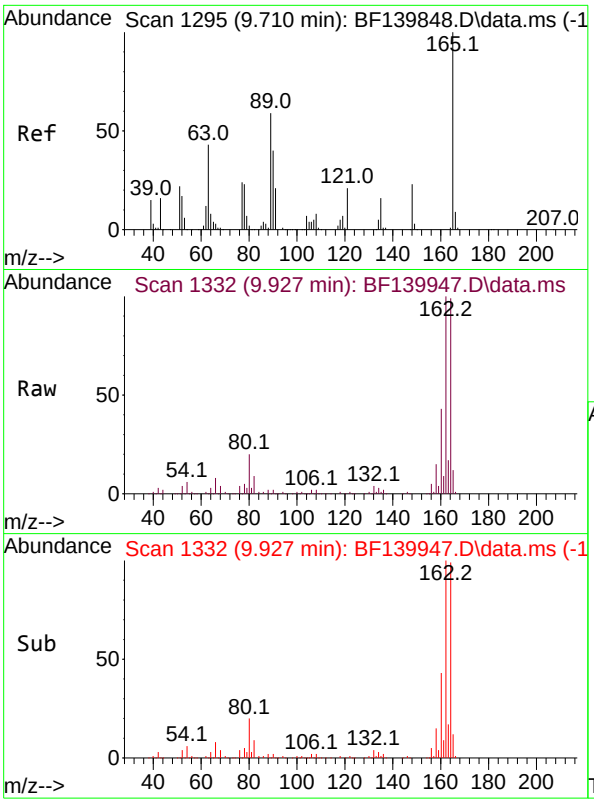


#45
2-Fluorobiphenyl
Concen: 80.824 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

Tgt Ion:172 Resp: 848203

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.5	19.1	28.7



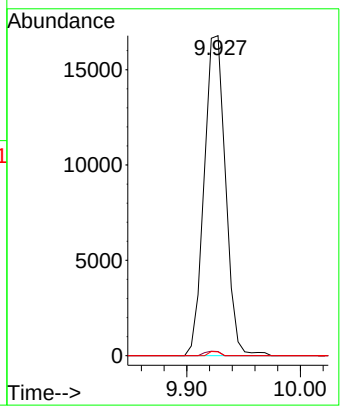


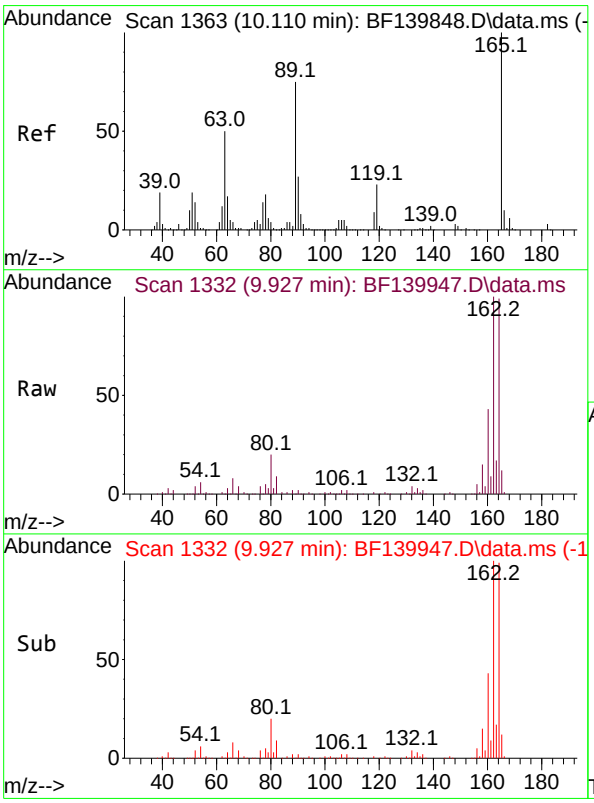
#51
2,6-Dinitrotoluene
Concen: 9.363 ng
RT: 9.927 min Scan# 1
Delta R.T. 0.218 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:165 Resp: 21901

Ion	Ratio	Lower	Upper
165	100		
63	1.3	50.6	75.8#
89	1.2	47.5	71.3#

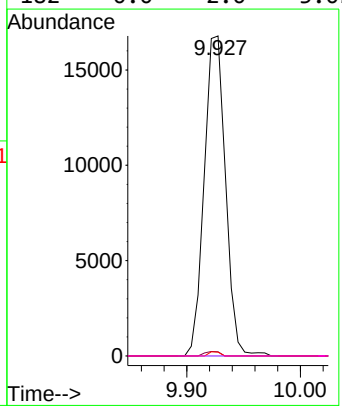


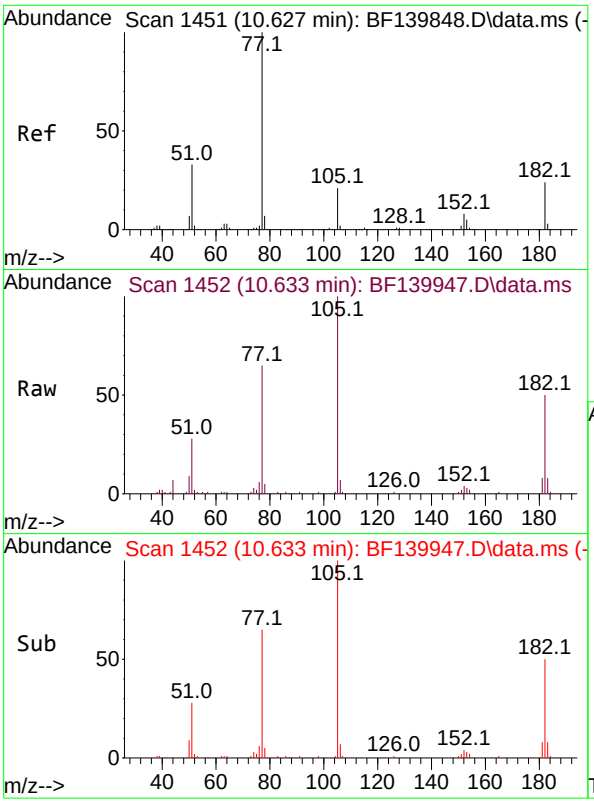


#57
2,4-Dinitrotoluene
Concen: 7.614 ng
RT: 9.927 min Scan# 1332
Delta R.T. -0.182 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

Tgt Ion:165 Resp: 21901

Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.1	60.1#
89	1.2	60.4	90.6#
182	0.0	2.0	3.0#



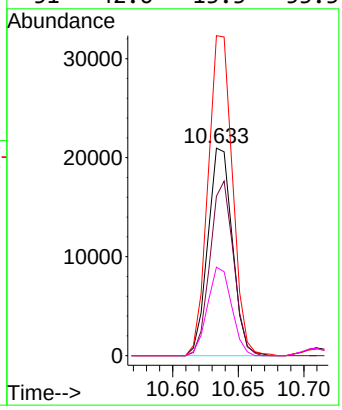


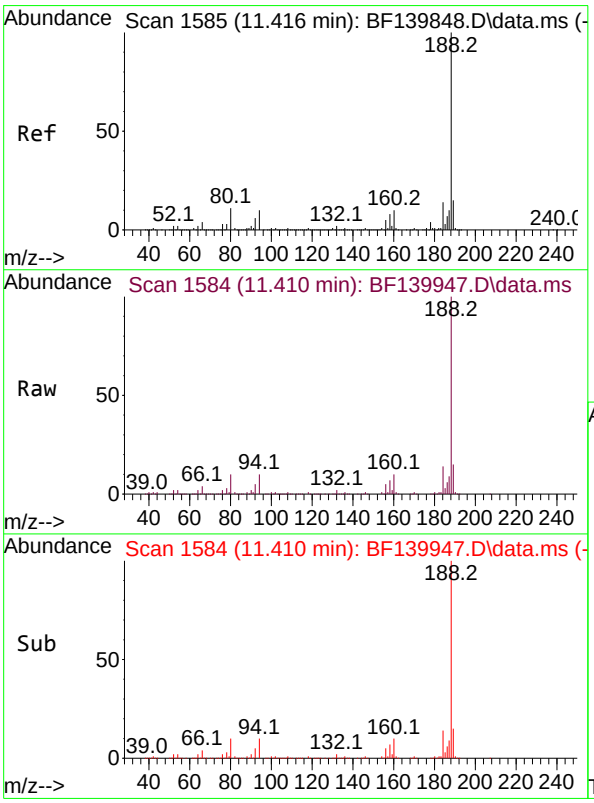
#63
Azobenzene
Concen: 2.413 ng
RT: 10.633 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion: 77 Resp: 27131

Ion	Ratio	Lower	Upper
77	100		
182	76.9	3.3	43.3#
105	154.3	1.2	41.2#
51	42.6	13.3	53.3

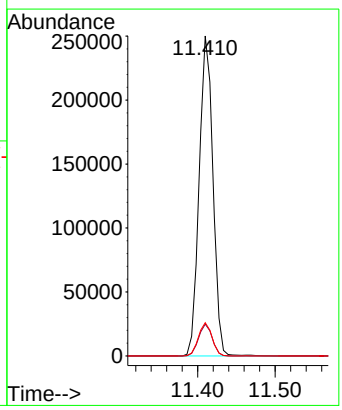


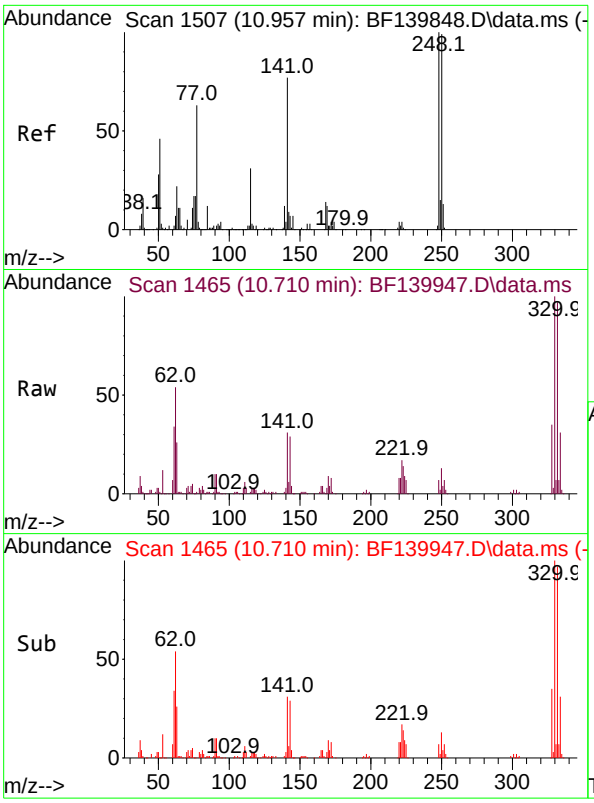


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

Tgt Ion:188 Resp: 309030

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.9	11.9
80	10.4	9.0	13.4



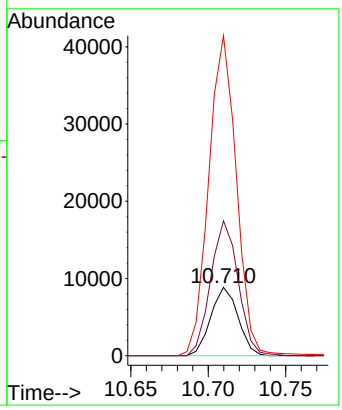


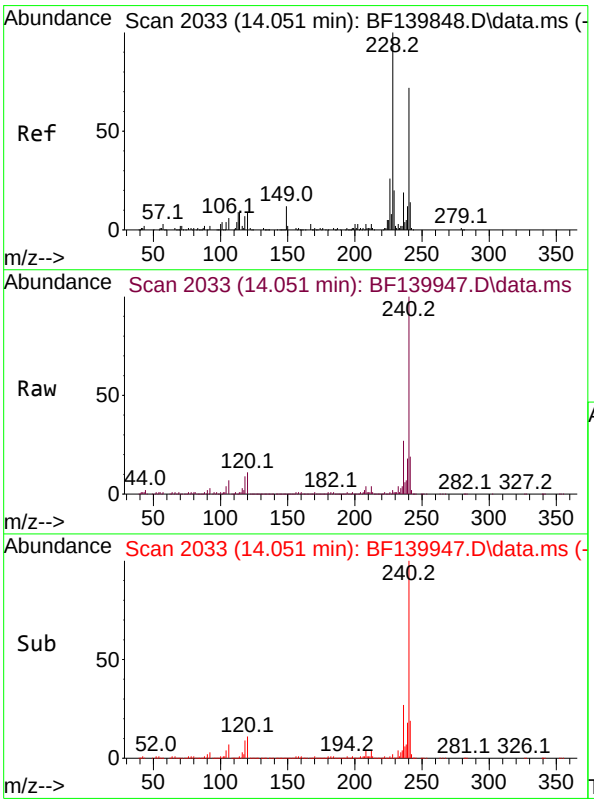
#67
4-Bromophenyl-phenylether
Concen: 3.405 ng
RT: 10.710 min Scan# 1
Delta R.T. -0.247 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:248 Resp: 10841

Ion	Ratio	Lower	Upper
248	100		
250	197.5	79.0	118.6#
141	468.7	61.7	92.5#

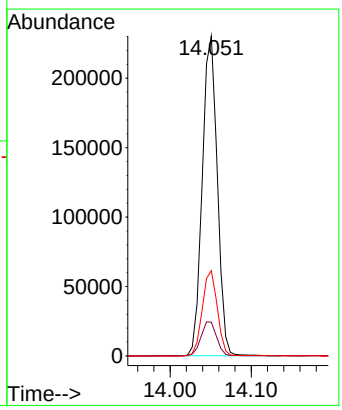


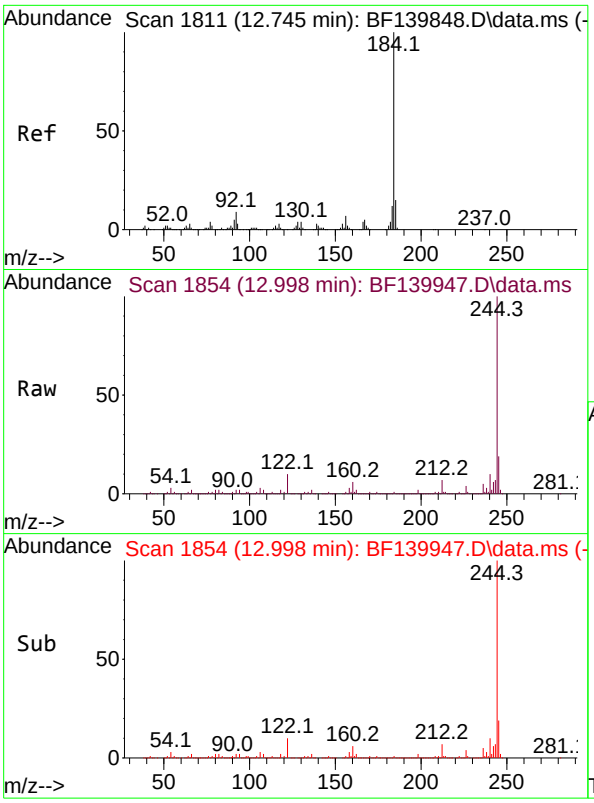


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

Tgt Ion:240 Resp: 295313

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.4	14.2
236	26.6	20.9	31.3



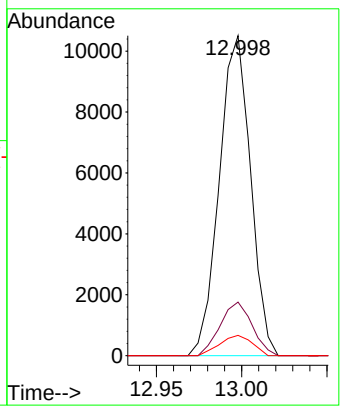


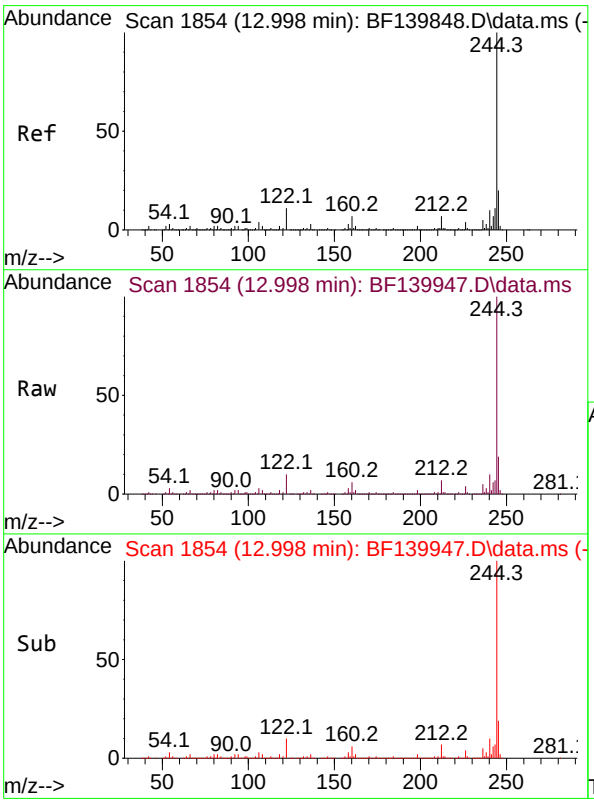
#77
Benzidine
Concen: 2.764 ng
RT: 12.998 min Scan# 1
Delta R.T. 0.253 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:184 Resp: 13421

Ion	Ratio	Lower	Upper
184	100		
185	16.7	12.0	18.0
183	6.4	9.4	14.2#

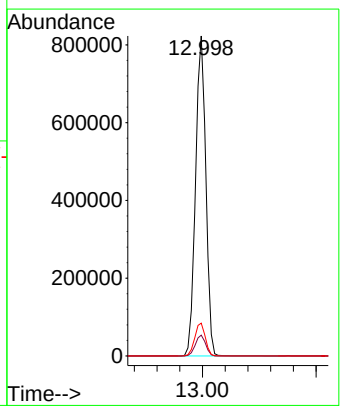


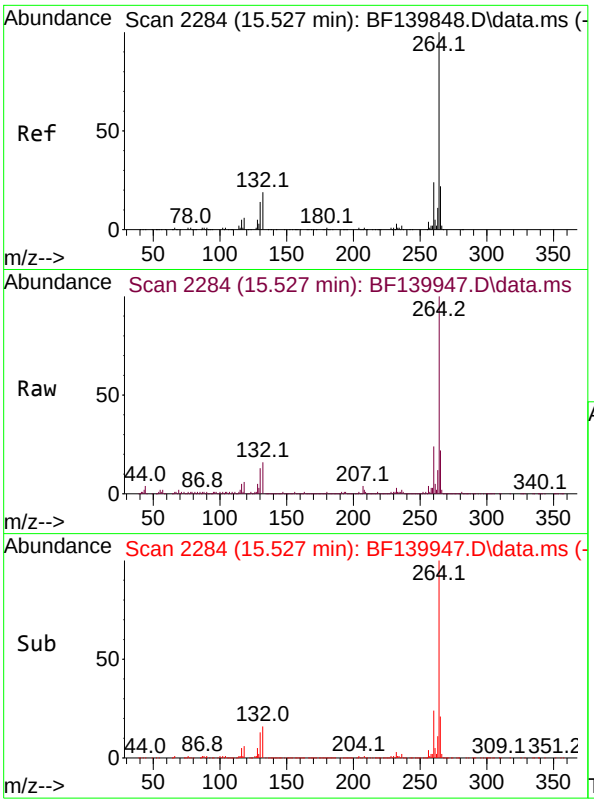


#79
Terphenyl-d14
Concen: 57.436 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

Tgt Ion:244 Resp: 1040925

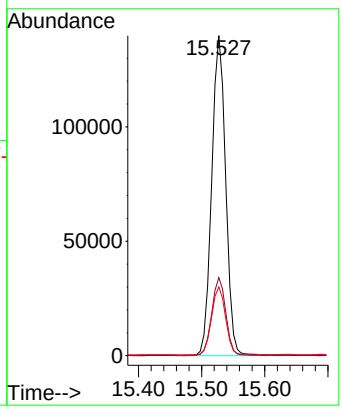
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	10.2	8.6	13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:264 Resp: 215288

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.5	17.4	26.0