Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110124\
Data File : BF140206.D
Acq On : 01 Nov 2024 12:07
Operator : RC/JU
Sample : P4578-01RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 01 12:39:39 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	6.881	152	221542	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	874676	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	496865	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	893182	20.000	ng	0.00
76) Chrysene-d12	14.068	240	535712	20.000	ng	0.02
86) Perylene-d12	15.574	264	445221	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	397857	28.114	ng	0.00
7) Phenol-d6	6.498	99	483636	26.387	ng	-0.01
23) Nitrobenzene-d5	7.439	82	545652	34.575	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	315662	67.921	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1027093	34.164	ng	-0.01
79) Terphenyl-d14	13.016	244	1571178	47.791	ng	0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	74441	6.697	ng	# 78
25) Isophorone	7.439	82	542206	18.102	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	63927	9.540	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	63927	7.758	ng	# 21
63) Azobenzene	10.639	77	171882	5.335	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	20136	2.188	ng	# 1
77) Benzidine	13.010	184	20341	2.309	ng	# 92

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

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Operator : RC/JU
Sample : P4578-01RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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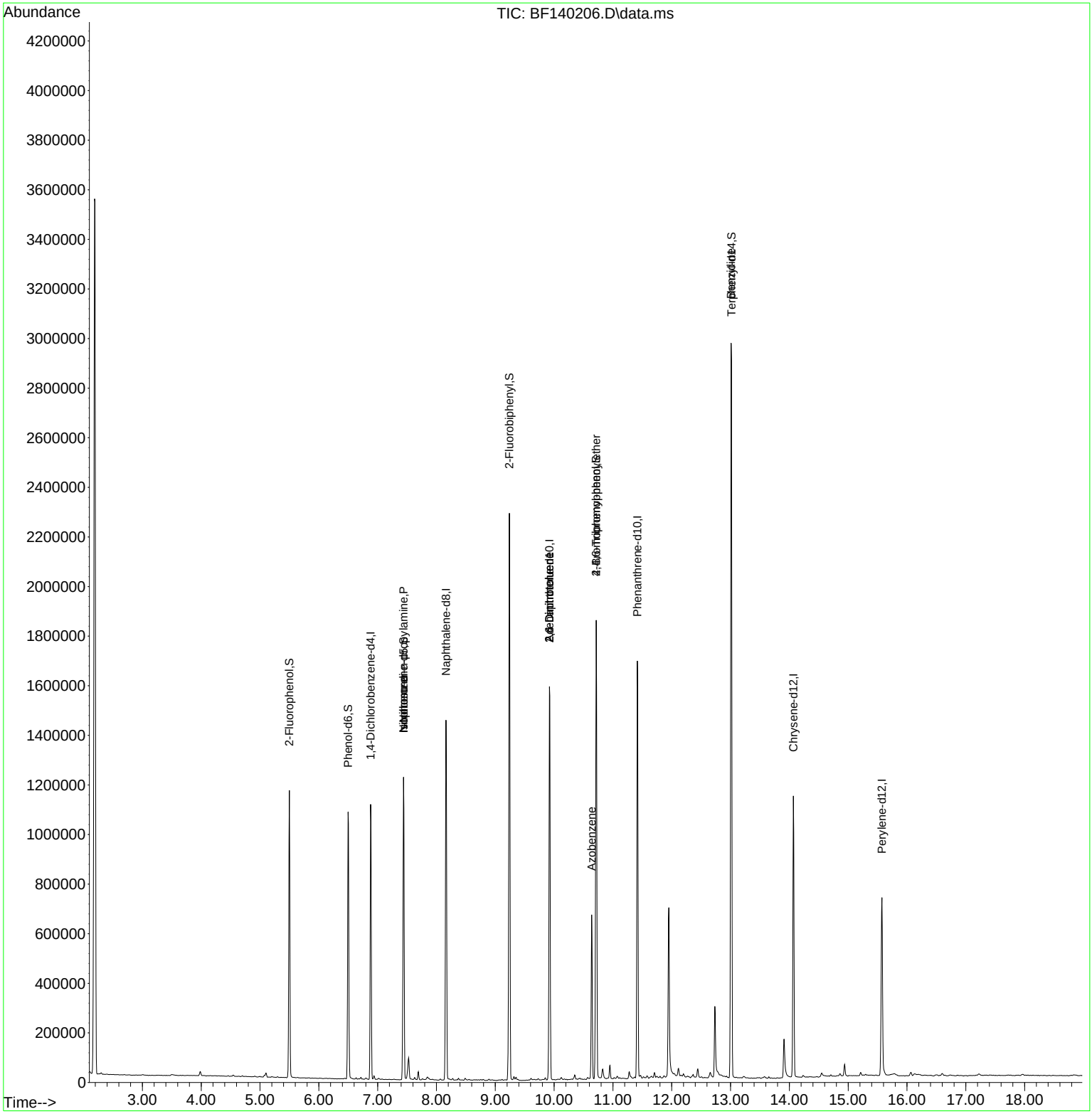
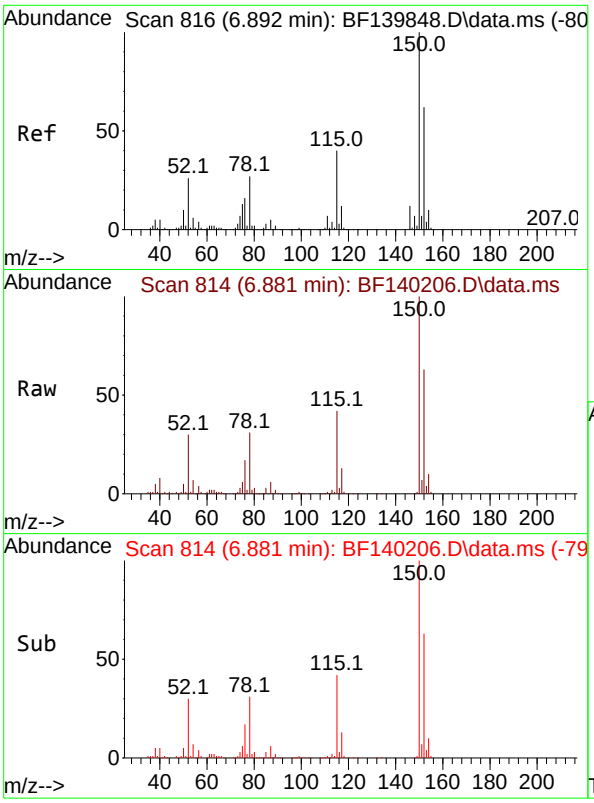


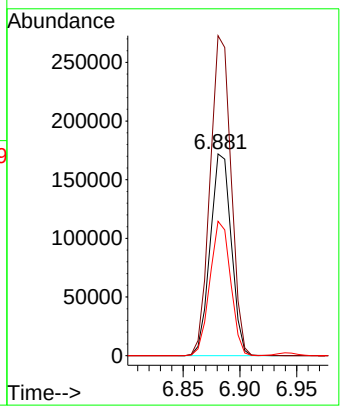


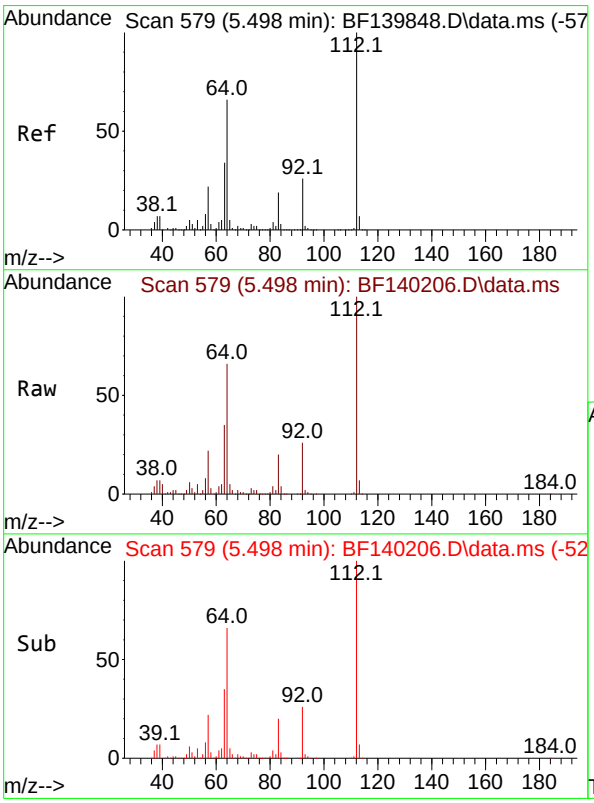
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 8
Delta R.T. -0.011 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 221542

Ion	Ratio	Lower	Upper
152	100		
150	158.6	130.2	195.2
115	66.6	51.4	77.2

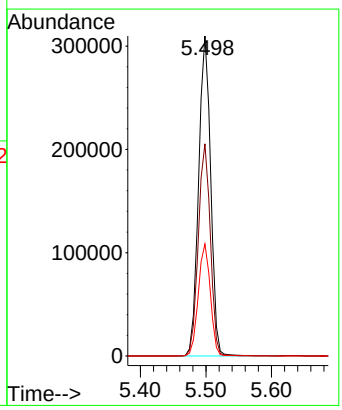


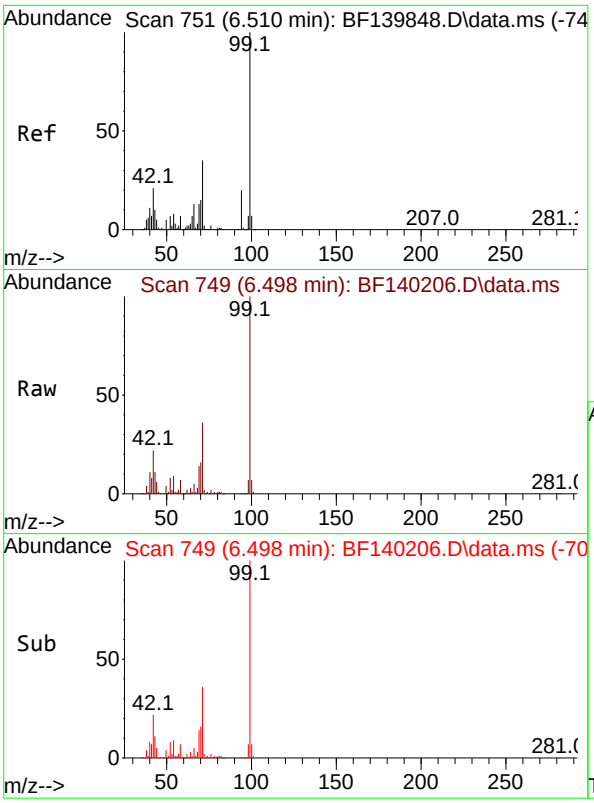


#5
2-Fluorophenol
Concen: 28.114 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

Tgt Ion:112 Resp: 397857

Ion	Ratio	Lower	Upper
112	100		
64	66.3	53.0	79.6
63	35.0	27.0	40.4



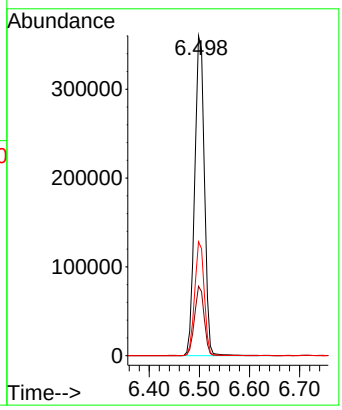


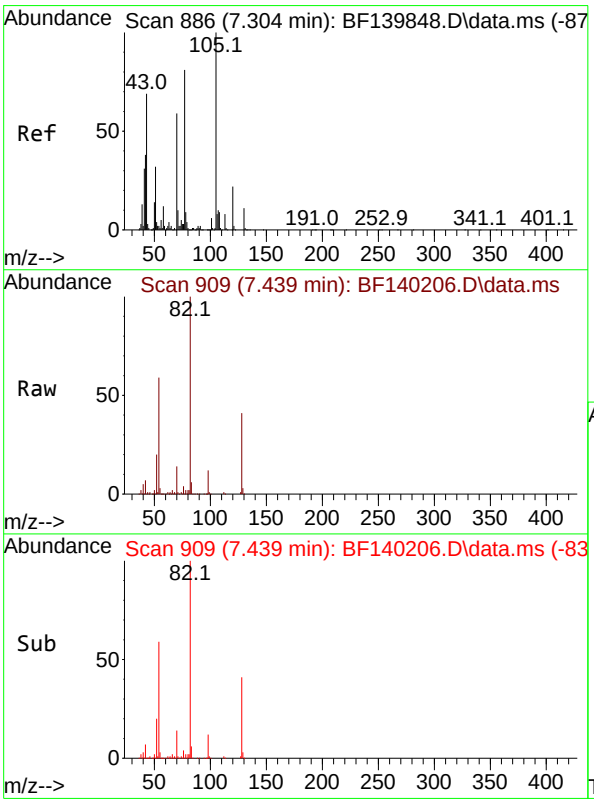
#7
Phenol-d6
Concen: 26.387 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 483636

Ion	Ratio	Lower	Upper
99	100		
42	21.7	16.7	25.1
71	35.6	27.7	41.5

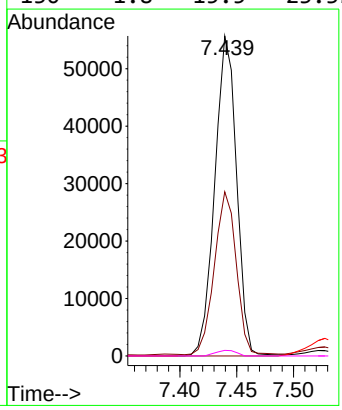


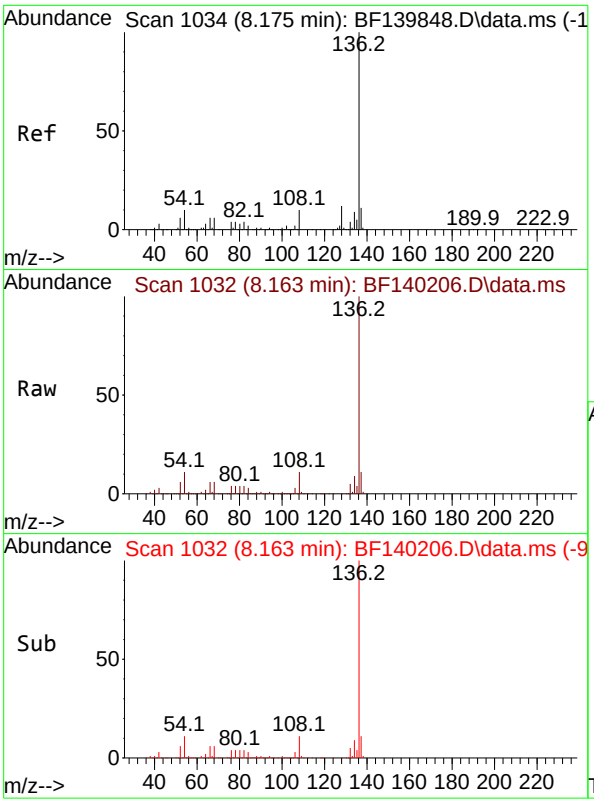


#19
n-Nitroso-di-n-propylamine
Concen: 6.697 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.135 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

Tgt Ion: 70 Resp: 74441

Ion	Ratio	Lower	Upper
70	100		
42	51.3	51.5	77.3#
101	0.0	7.5	11.3#
130	1.8	15.5	23.3#



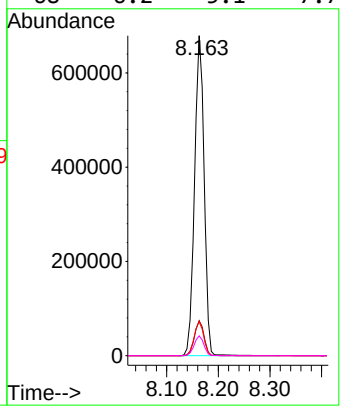


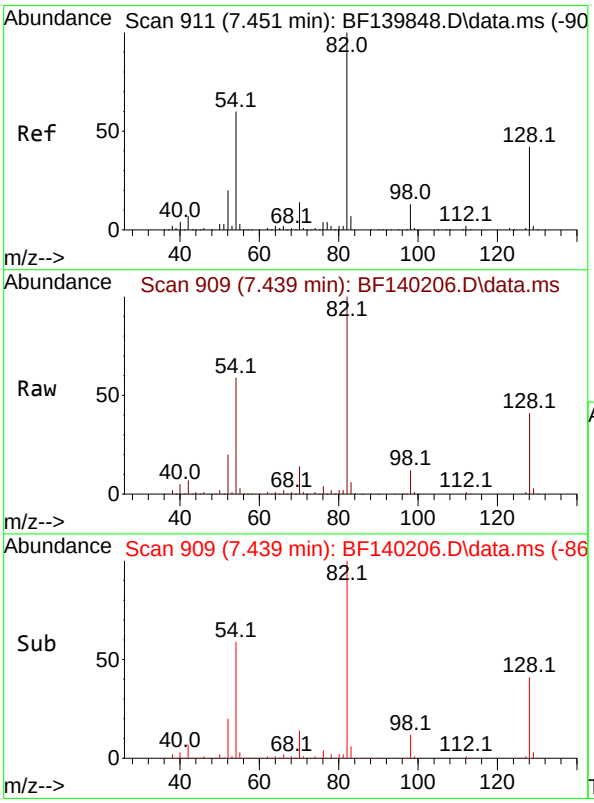
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 874676

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.6	8.4	12.6
68	6.2	5.1	7.7

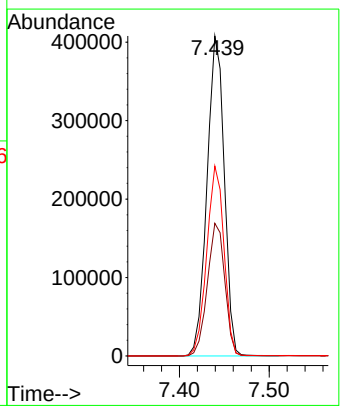


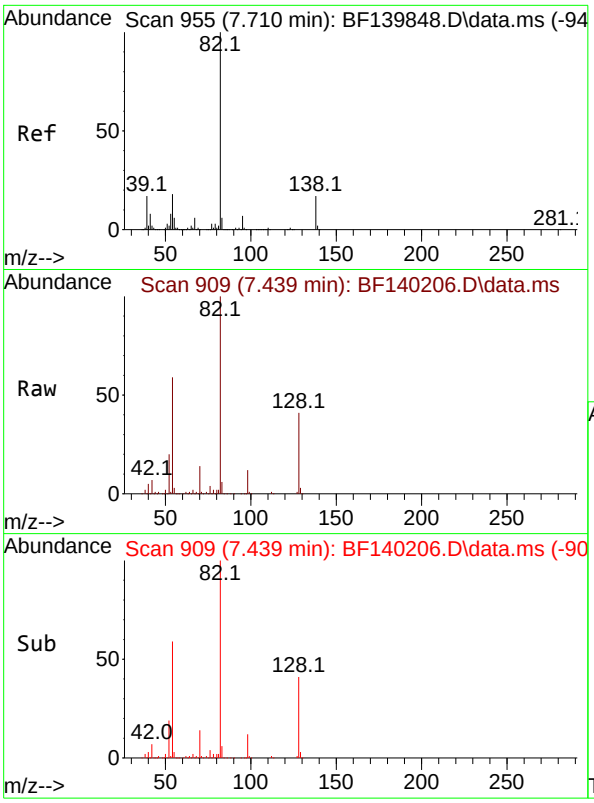


#23
Nitrobenzene-d5
Concen: 34.575 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

Tgt Ion: 82 Resp: 545652

Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.4	50.0
54	59.3	47.8	71.8



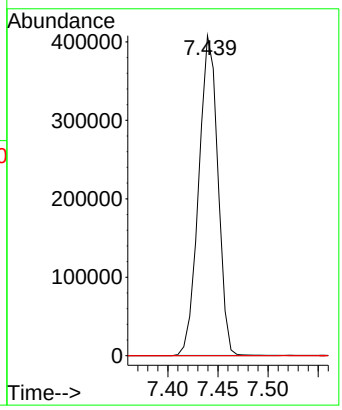


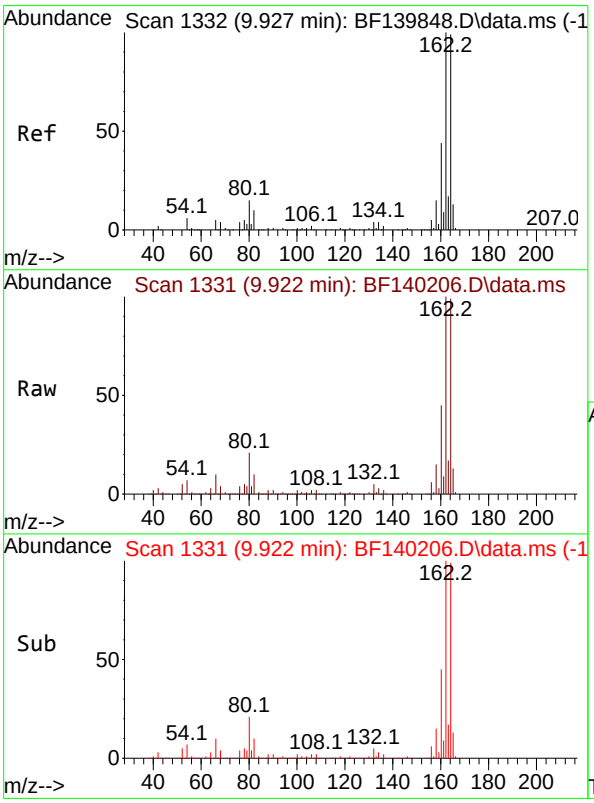
#25
Isophorone
Concen: 18.102 ng
RT: 7.439 min Scan# 9
Delta R.T. -0.271 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 542206

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

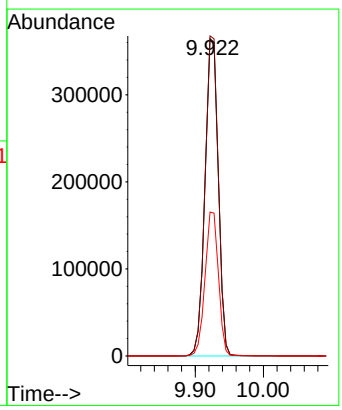


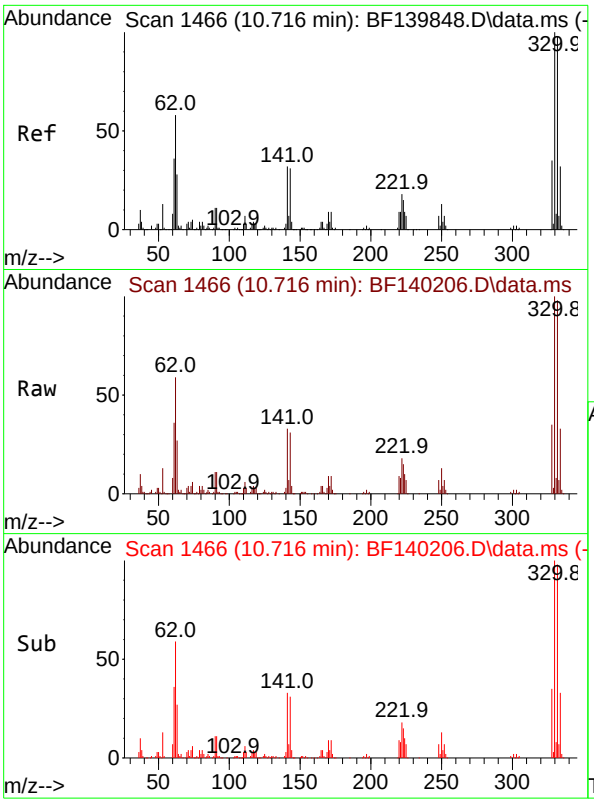


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

Tgt Ion:164 Resp: 496865

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.0	121.4
160	45.3	35.4	53.0



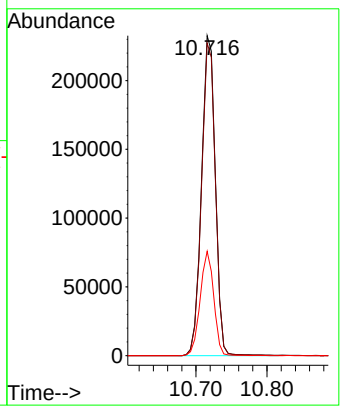


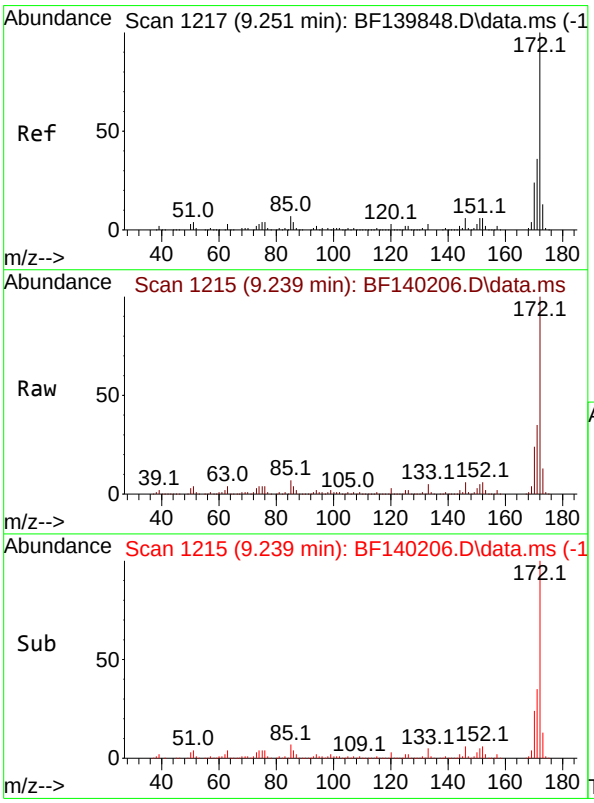
#42
2,4,6-Tribromophenol
Concen: 67.921 ng
RT: 10.716 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 315662

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.1	117.1
141	32.1	26.6	39.8

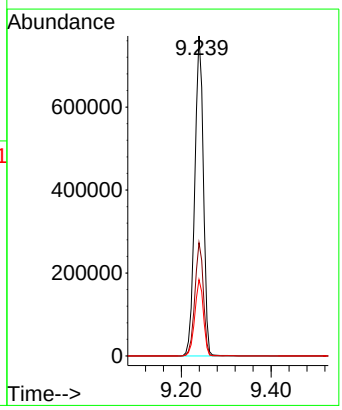


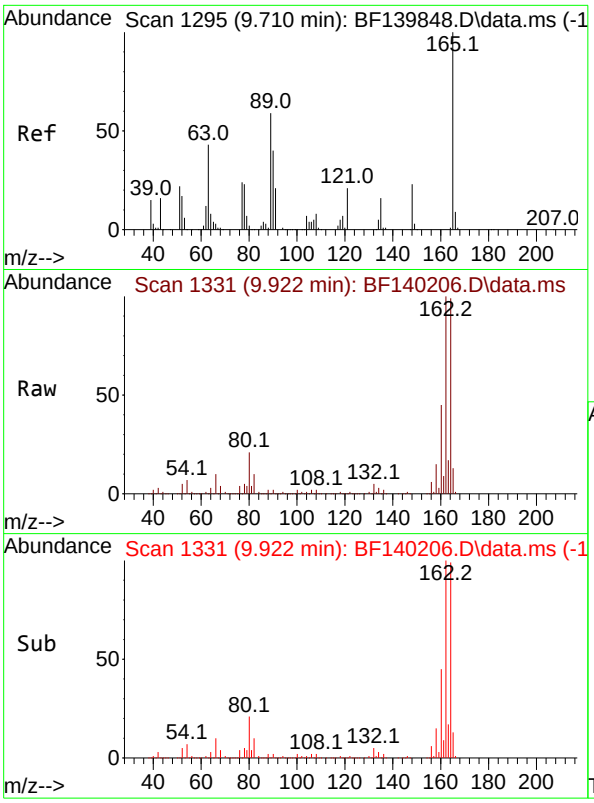


#45
2-Fluorobiphenyl
Concen: 34.164 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

Tgt Ion:172 Resp: 1027093

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.9	19.1	28.7



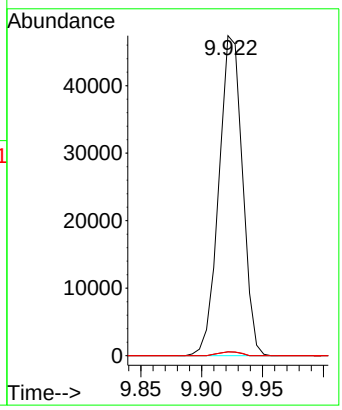


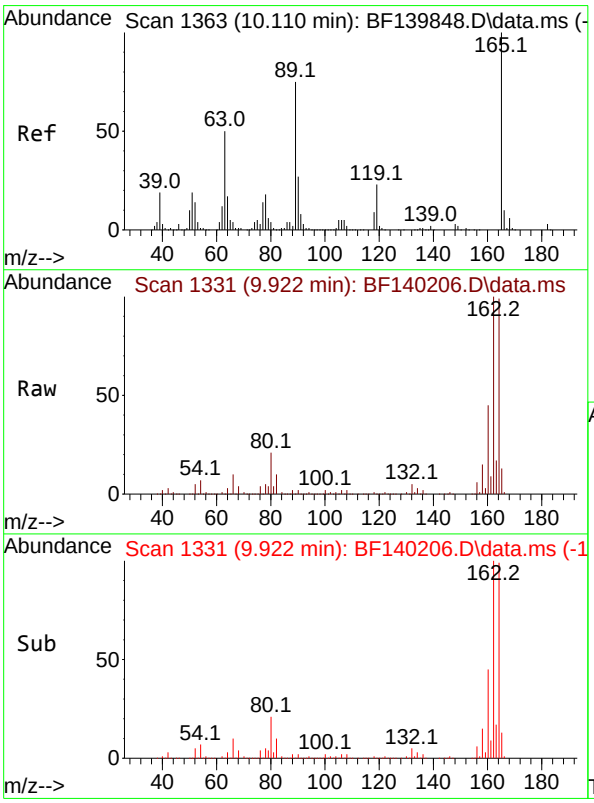
#51
2,6-Dinitrotoluene
Concen: 9.540 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.212 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 63927

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

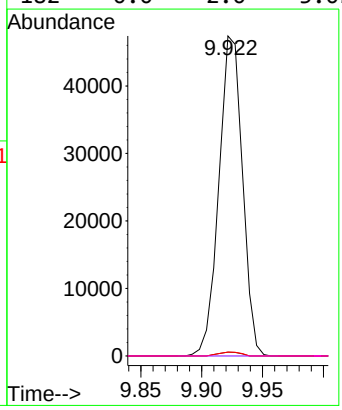


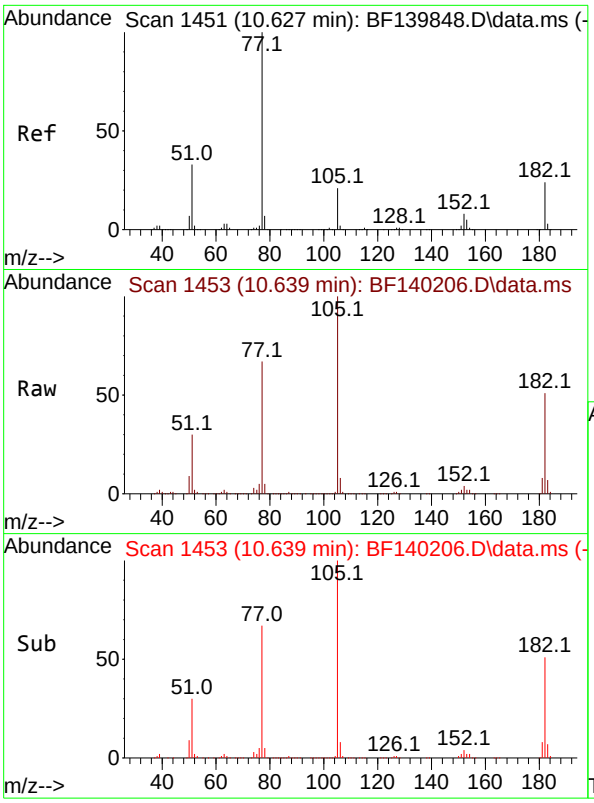


#57
2,4-Dinitrotoluene
Concen: 7.758 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

Tgt Ion:165 Resp: 63927

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



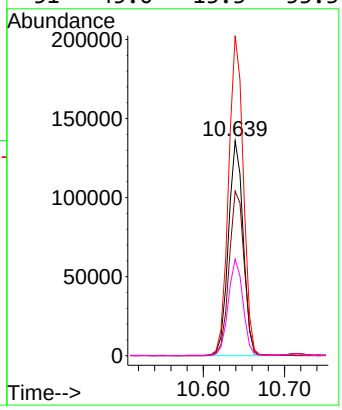


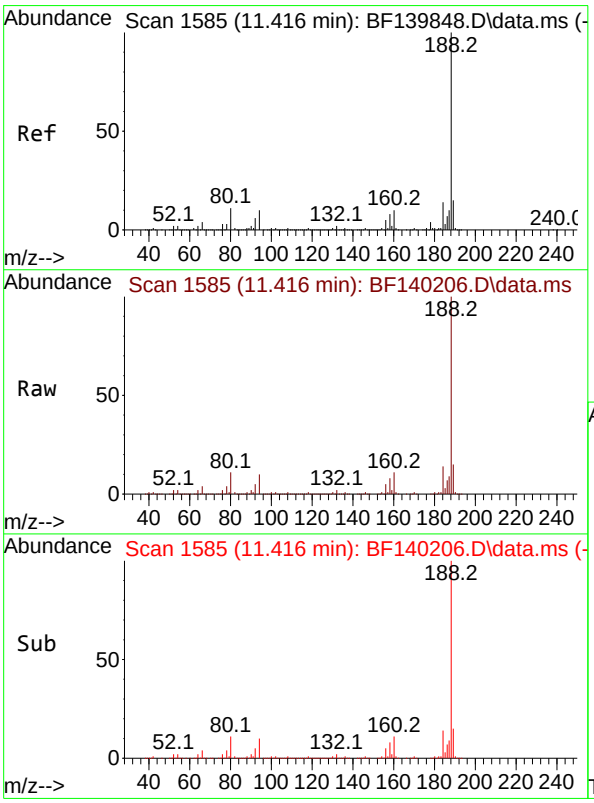
#63
Azobenzene
Concen: 5.335 ng
RT: 10.639 min Scan# 14
Delta R.T. 0.012 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 171882

Ion	Ratio	Lower	Upper
77	100		
182	76.6	3.3	43.3#
105	148.9	1.2	41.2#
51	45.0	13.3	53.3

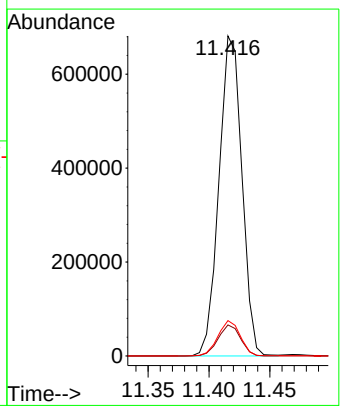


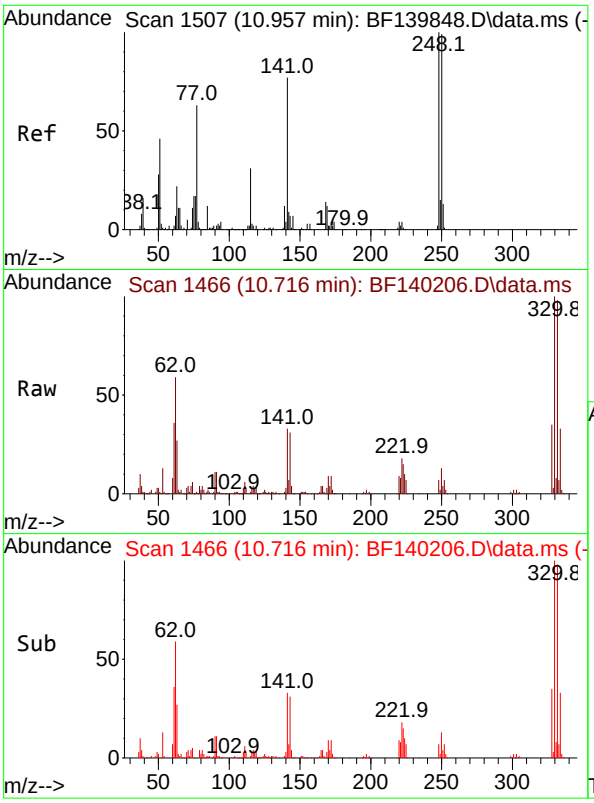


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

Tgt Ion:188 Resp: 893182

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.9	11.9
80	11.0	9.0	13.4



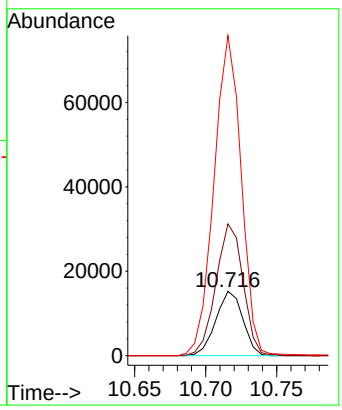


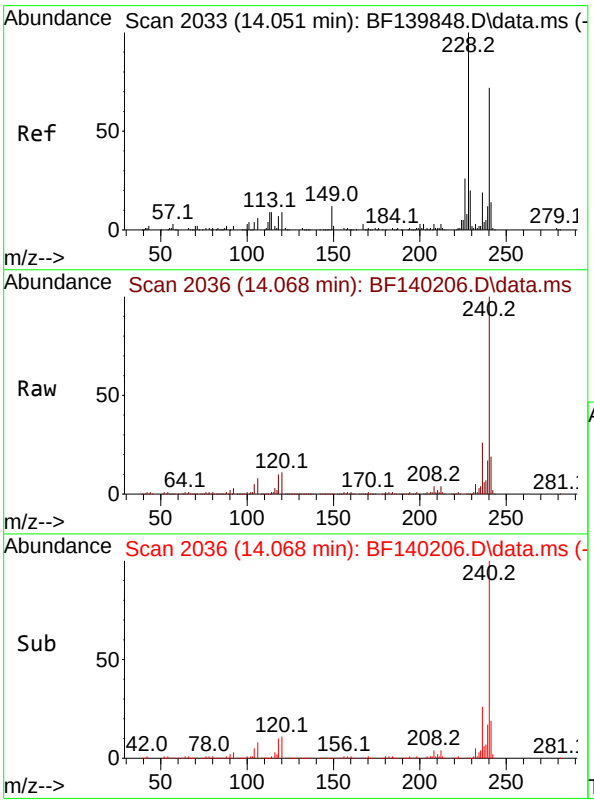
#67
4-Bromophenyl-phenylether
Concen: 2.188 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 20136

Ion	Ratio	Lower	Upper
248	100		
250	205.1	79.0	118.6#
141	497.6	61.7	92.5#

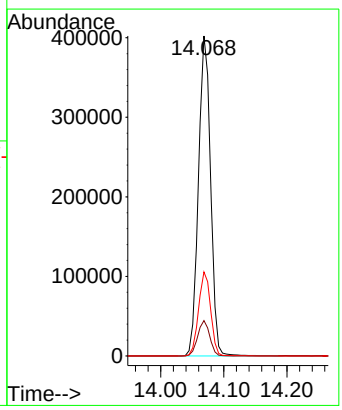


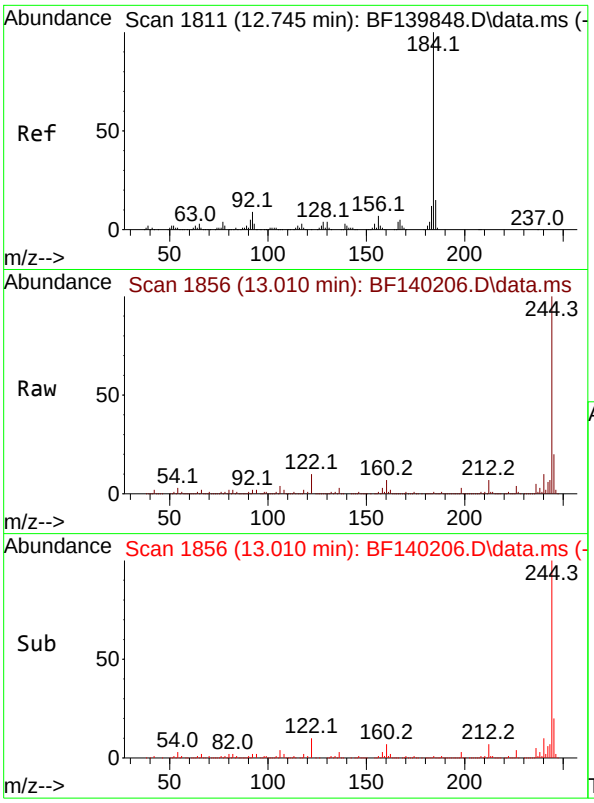


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2036
Delta R.T. 0.018 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

Tgt Ion:240 Resp: 535712

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.4	14.2
236	26.3	20.9	31.3



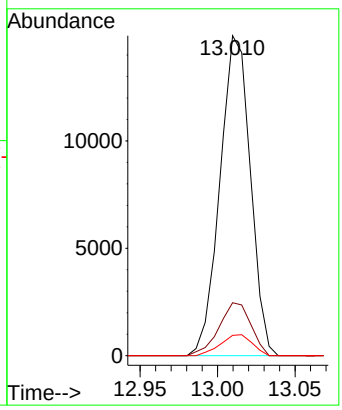


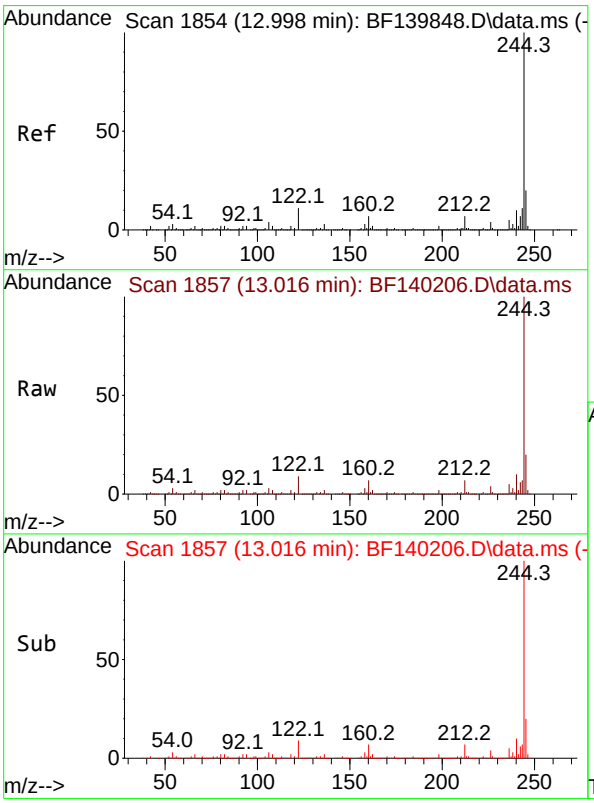
#77
Benzidine
Concen: 2.309 ng
RT: 13.010 min Scan# 1
Delta R.T. 0.265 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 20341

Ion	Ratio	Lower	Upper
184	100		
185	16.6	12.0	18.0
183	6.3	9.4	14.2#

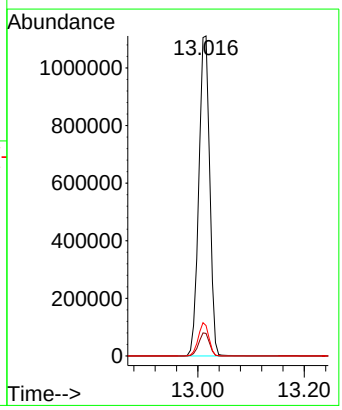


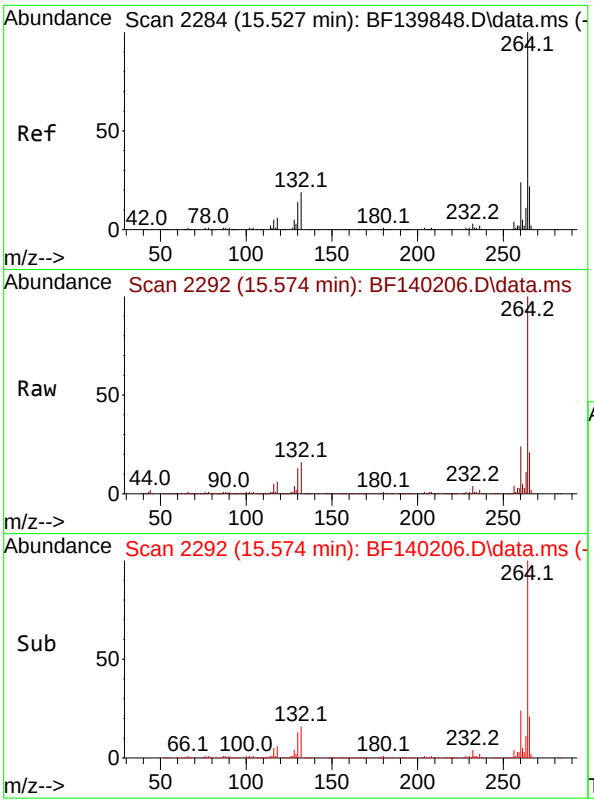


#79
Terphenyl-d14
Concen: 47.791 ng
RT: 13.016 min Scan# 1857
Delta R.T. 0.018 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

Tgt Ion:244 Resp: 1571178

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	9.5	8.6	13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2
Delta R.T. 0.047 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 445221

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.2	17.4	26.0