Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
Data File : BF139607.D
Acq On : 02 Oct 2024 15:29
Operator : RC/JU
Sample : P4209-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Quant Time: Oct 02 16:07:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	94995	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	357908	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	195729	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	366035	20.000	ng	0.00
76) Chrysene-d12	14.027	240	205825	20.000	ng	0.00
86) Perylene-d12	15.492	264	182466	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	385845	70.400	ng	0.00
7) Phenol-d6	6.487	99	335117	45.468	ng	-0.02
23) Nitrobenzene-d5	7.428	82	653281	92.414	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	261568	138.436	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1116815	87.596	ng	0.00
79) Terphenyl-d14	12.975	244	1256018	100.129	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	89119	18.807	ng	# 76
25) Isophorone	7.428	82	650356	51.799	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	25573	8.836	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	25573	6.760	ng	# 17
63) Azobenzene	10.616	77	31262	2.349	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	18270	4.868	ng	# 1
77) Benzidine	12.975	184	16747	4.613	ng	# 90

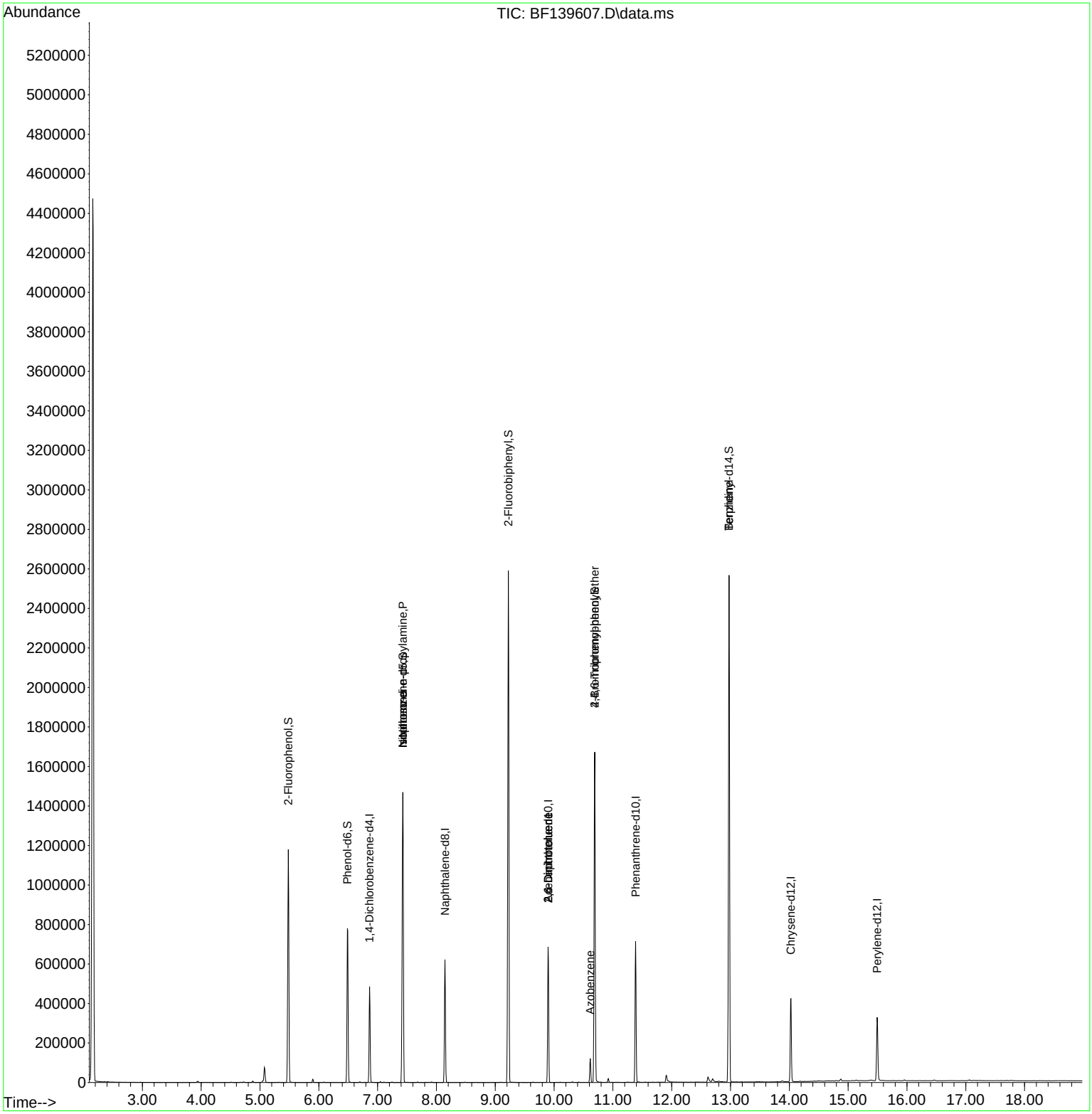
(#) = qualifier out of range (m) = manual integration (+) = signals summed

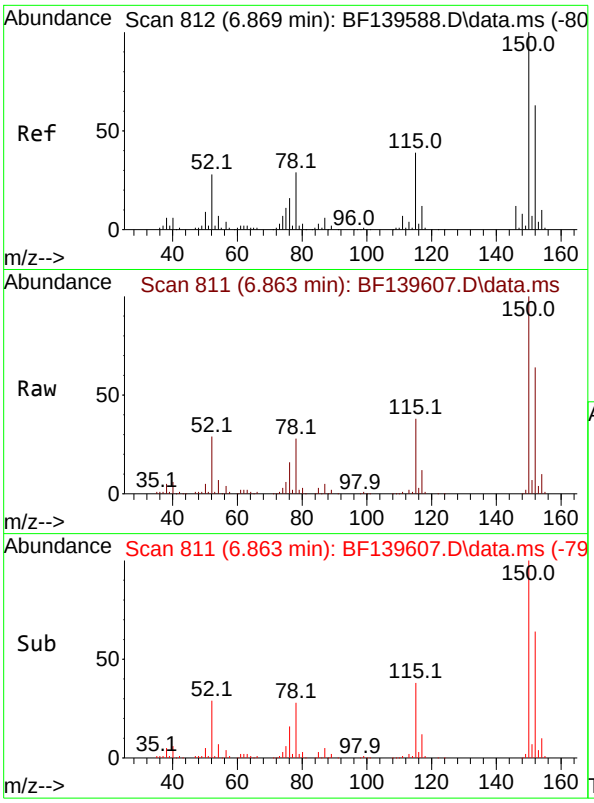
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
Data File : BF139607.D
Acq On : 02 Oct 2024 15:29
Operator : RC/JU
Sample : P4209-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Quant Time: Oct 02 16:07:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration



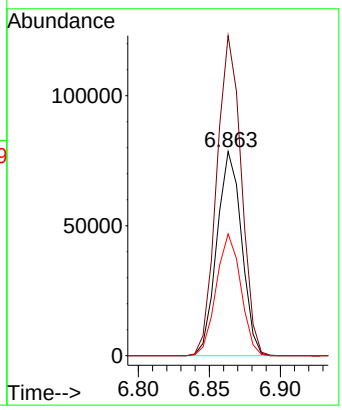


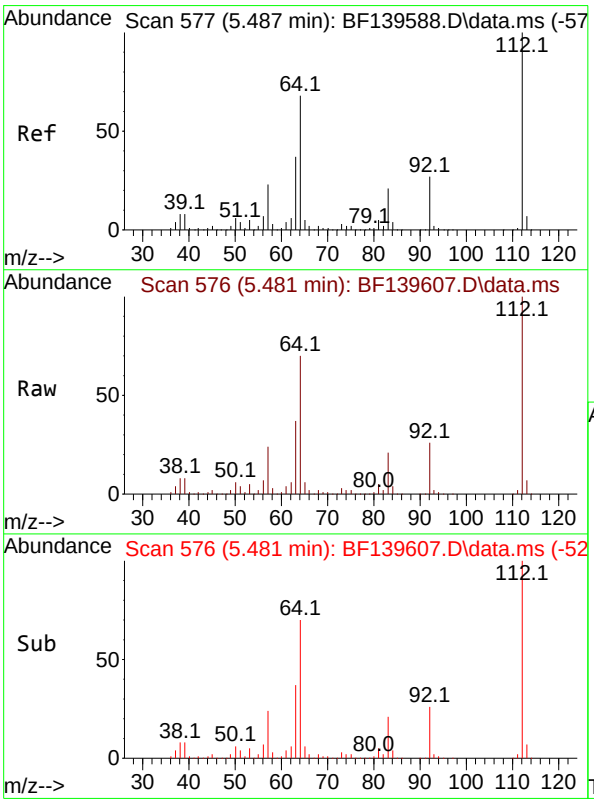
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion:152 Resp: 94995

Ion	Ratio	Lower	Upper
152	100		
150	156.8	127.2	190.8
115	59.6	49.0	73.4

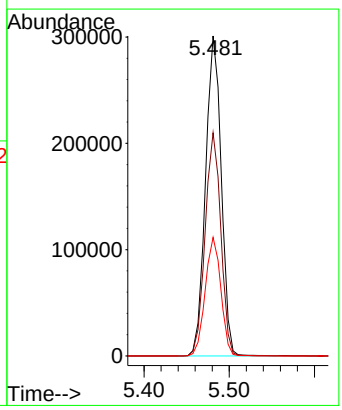


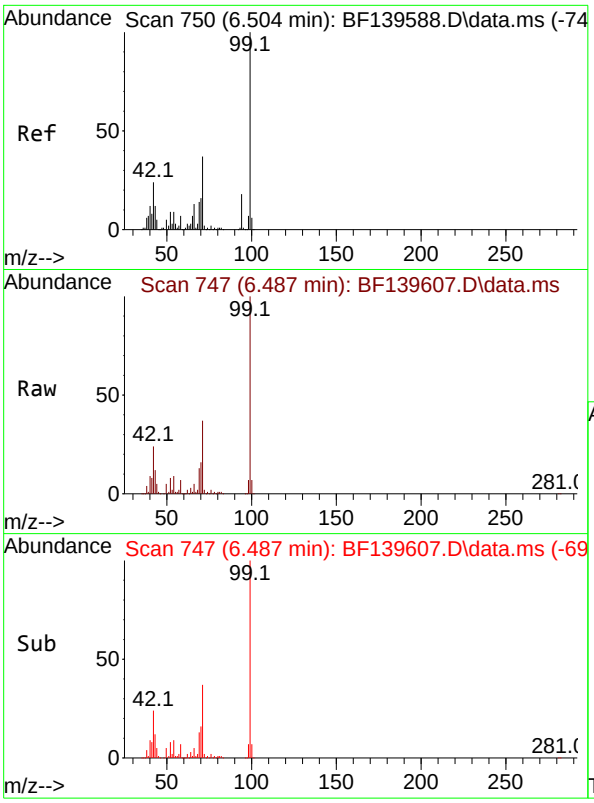


#5
2-Fluorophenol
Concen: 70.400 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Tgt Ion:112 Resp: 385845

Ion	Ratio	Lower	Upper
112	100		
64	69.7	54.2	81.4
63	37.1	29.4	44.2



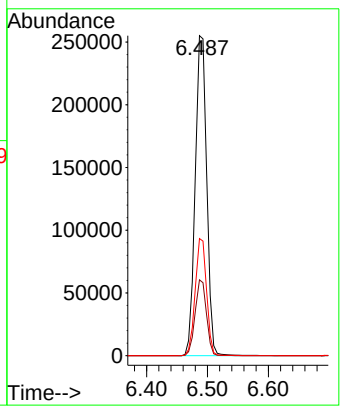


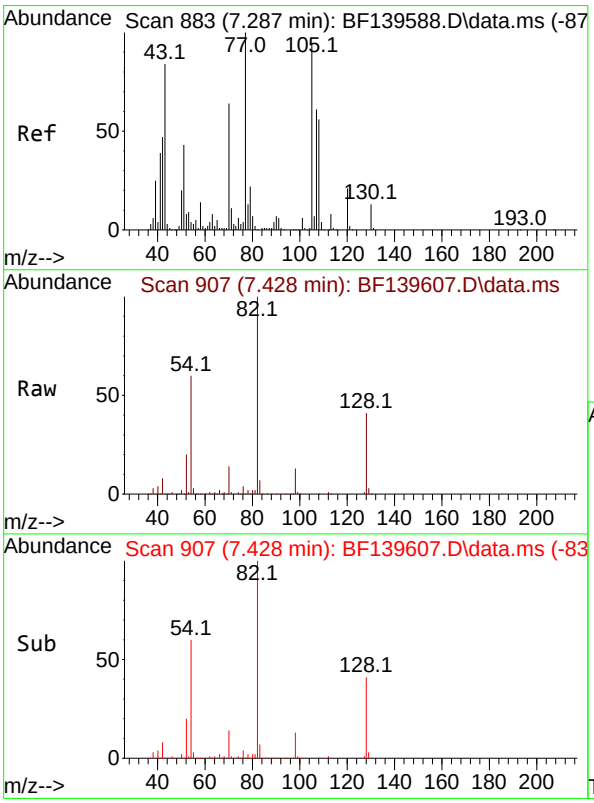
#7
Phenol-d6
Concen: 45.468 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion: 99 Resp: 335117

Ion	Ratio	Lower	Upper
99	100		
42	23.7	19.1	28.7
71	36.6	29.7	44.5

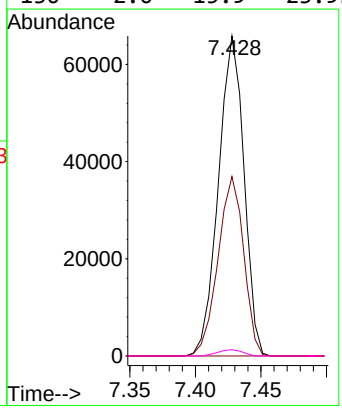


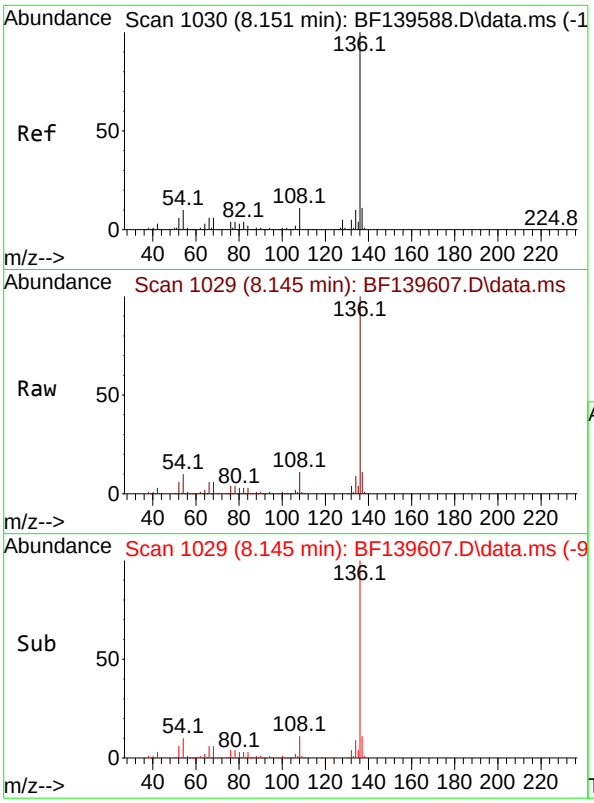


#19
n-Nitroso-di-n-propylamine
Concen: 18.807 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Tgt Ion: 70 Resp: 89119

Ion	Ratio	Lower	Upper
70	100		
42	56.1	58.0	87.0#
101	0.0	7.8	11.8#
130	2.0	15.9	23.9#



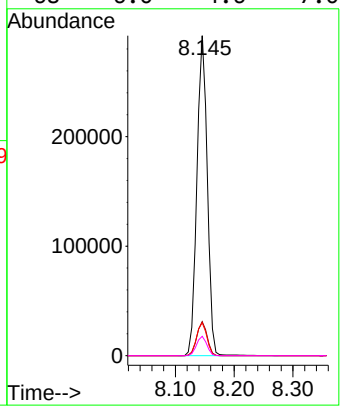


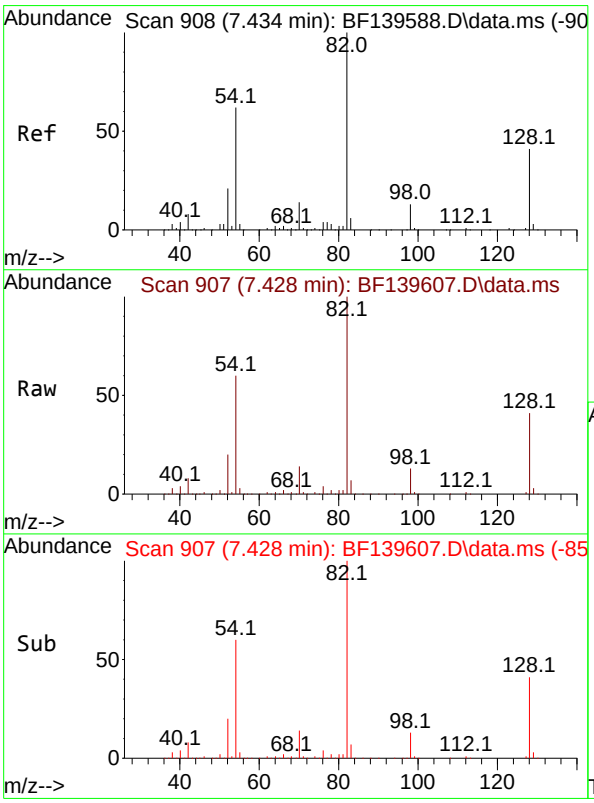
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion:136 Resp: 357908

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	10.3	8.3	12.5
68	6.0	4.6	7.0

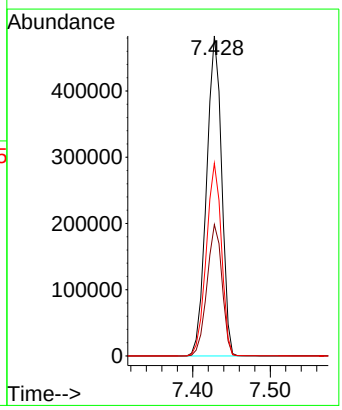


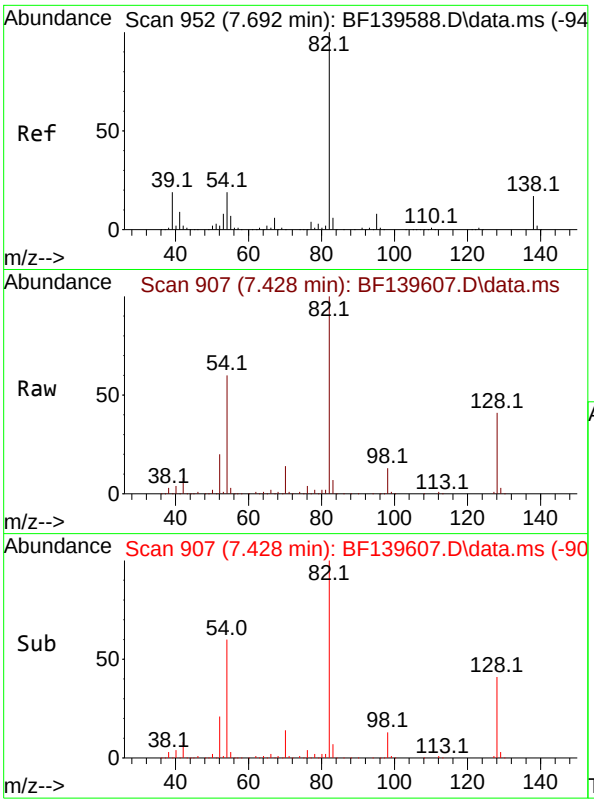


#23
Nitrobenzene-d5
Concen: 92.414 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Tgt Ion: 82 Resp: 653281

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.4	48.6
54	60.2	49.1	73.7



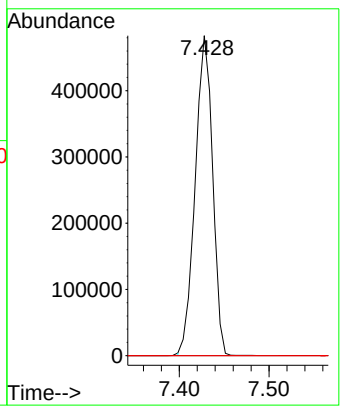


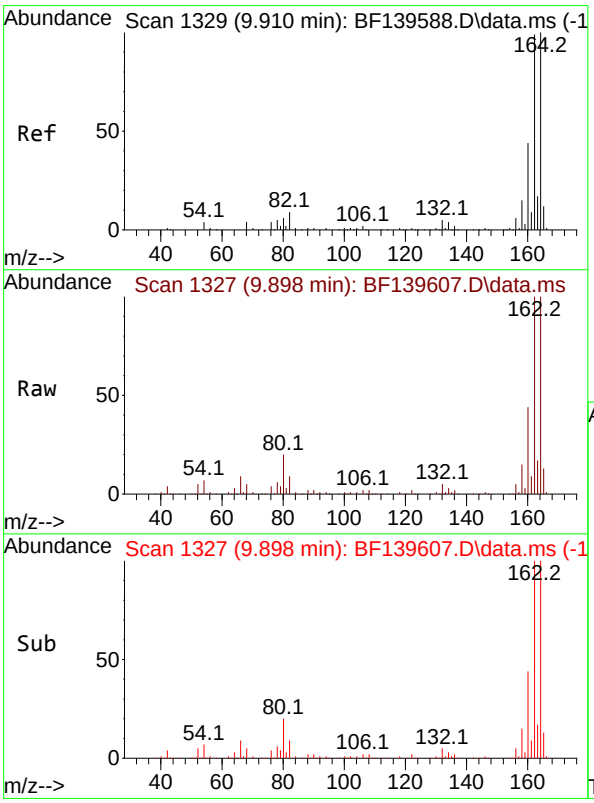
#25
Isophorone
Concen: 51.799 ng
RT: 7.428 min Scan# 9
Delta R.T. -0.265 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion: 82 Resp: 650356

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.1	9.1#
138	0.0	13.4	20.2#

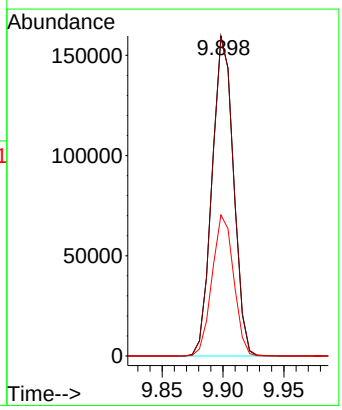


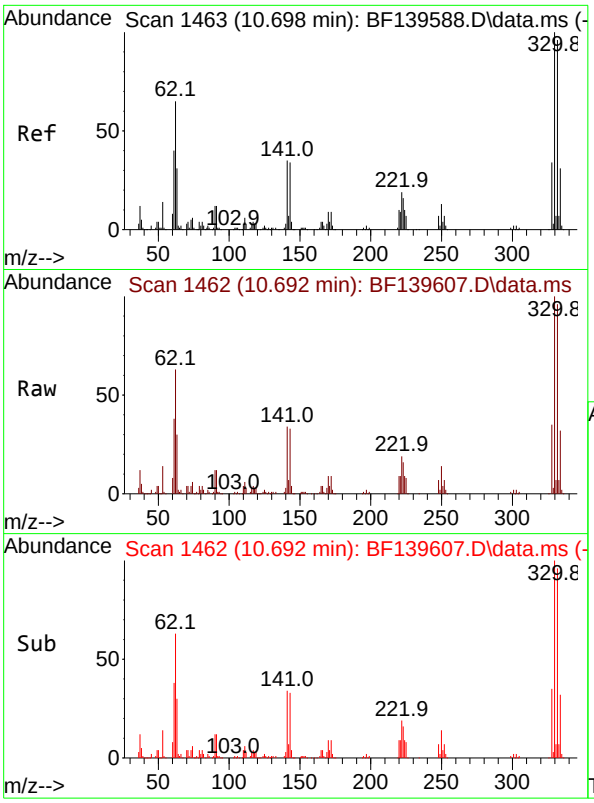


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Tgt Ion:164 Resp: 195729

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.4	119.0
160	44.0	35.1	52.7



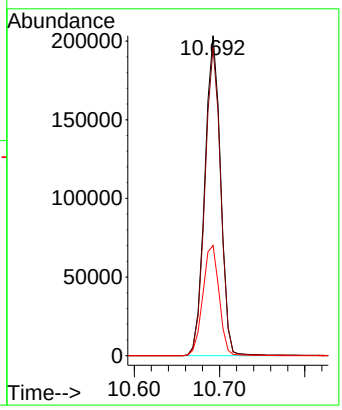


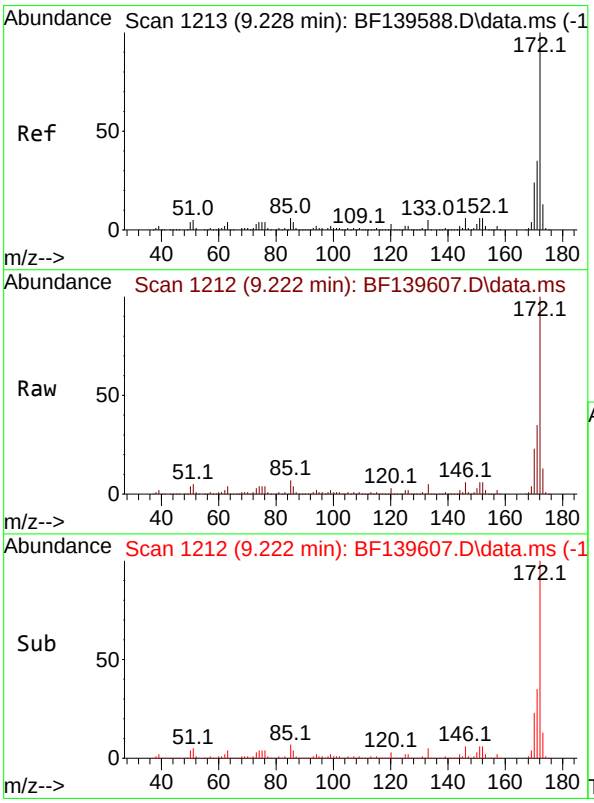
#42
2,4,6-Tribromophenol
Concen: 138.436 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion:330 Resp: 261568

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.5	114.7
141	35.6	29.3	43.9

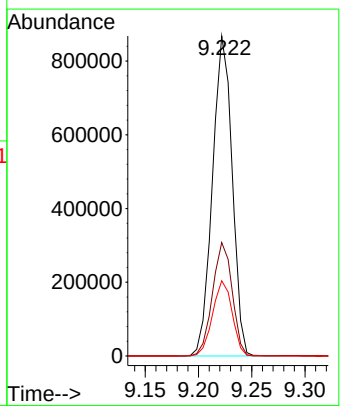


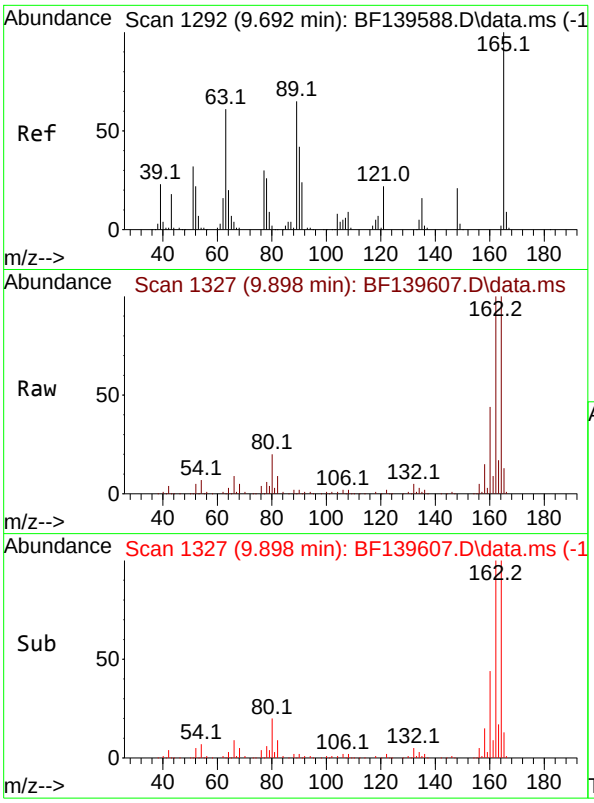


#45
2-Fluorobiphenyl
Concen: 87.596 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Tgt Ion:172 Resp: 1116815

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	23.5	18.8	28.2



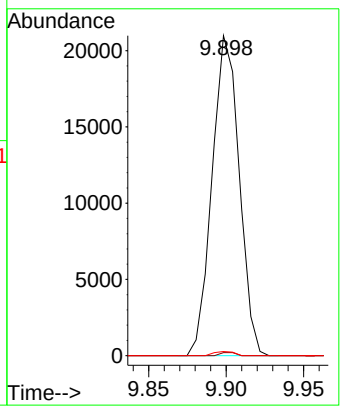


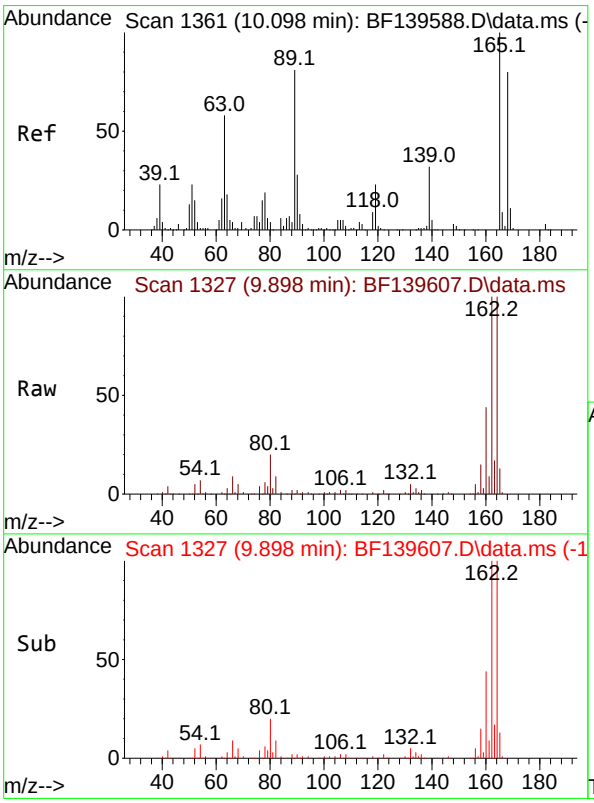
#51
2,6-Dinitrotoluene
Concen: 8.836 ng
RT: 9.898 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion:165 Resp: 25573

Ion	Ratio	Lower	Upper
165	100		
63	1.0	56.7	85.1#
89	1.3	51.6	77.4#

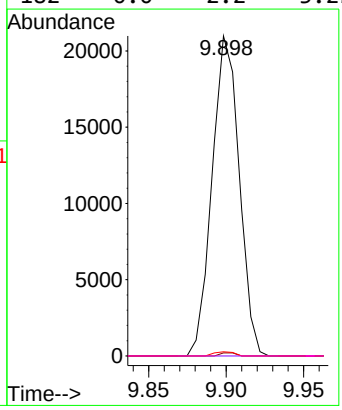


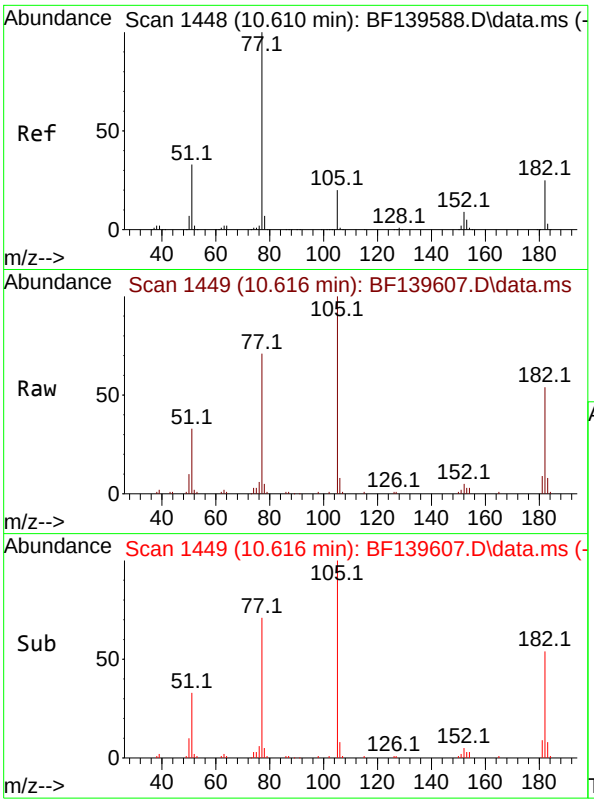


#57
2,4-Dinitrotoluene
Concen: 6.760 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Tgt Ion:165 Resp: 25573

Ion	Ratio	Lower	Upper
165	100		
63	1.0	46.9	70.3#
89	1.3	64.4	96.6#
182	0.0	2.2	3.2#



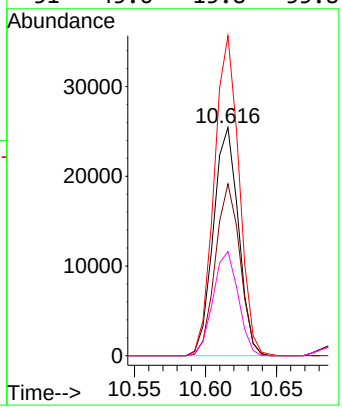


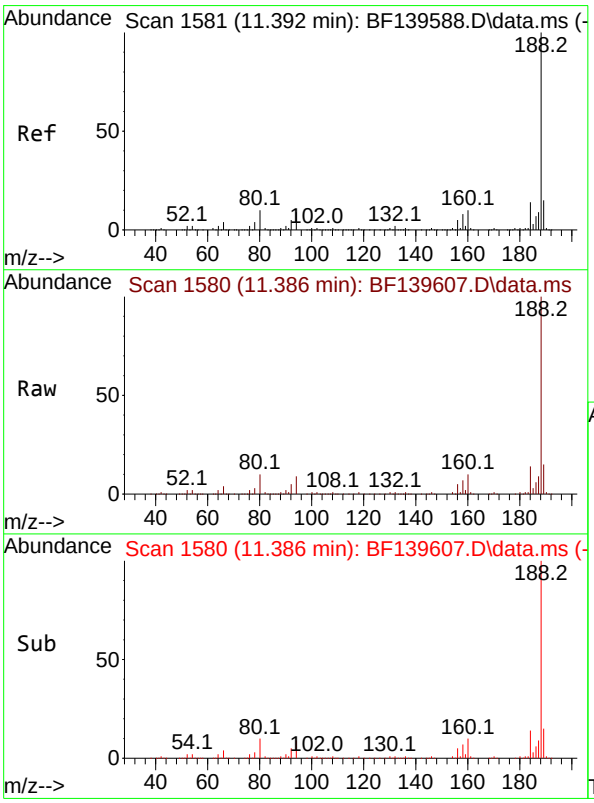
#63
Azobenzene
Concen: 2.349 ng
RT: 10.616 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion: 77 Resp: 31262

Ion	Ratio	Lower	Upper
77	100		
182	75.3	4.2	44.2#
105	140.2	0.0	39.6#
51	45.6	15.8	55.8

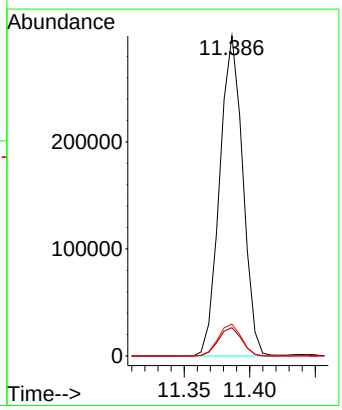


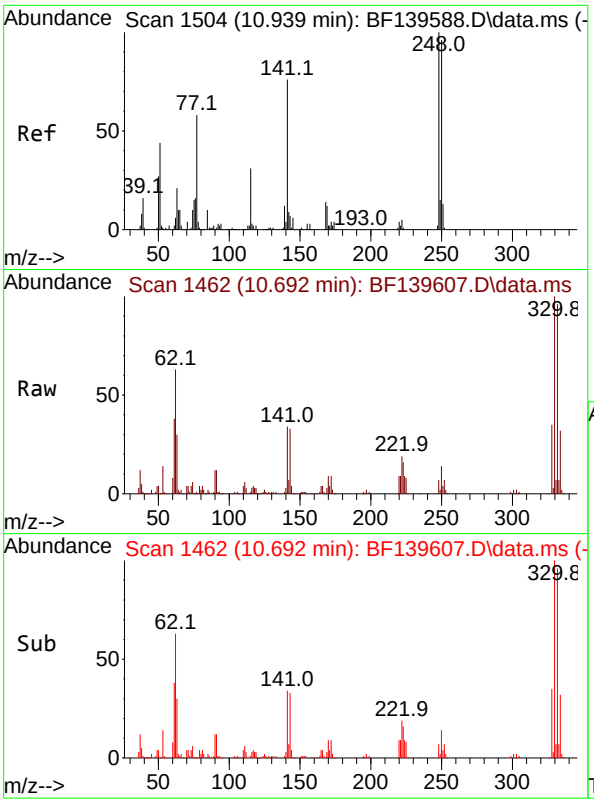


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Tgt Ion:188 Resp: 366035

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.2
80	9.9	8.2	12.2



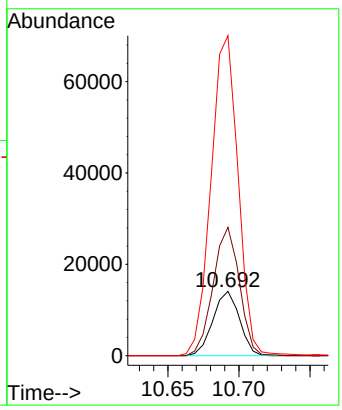


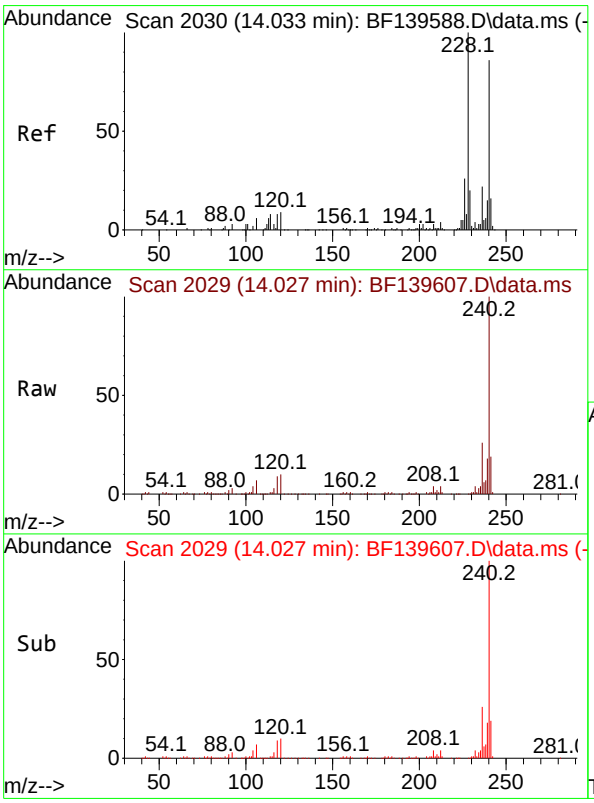
#67
4-Bromophenyl-phenylether
Concen: 4.868 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion:248 Resp: 18270

Ion	Ratio	Lower	Upper
248	100		
250	199.5	77.1	115.7#
141	497.5	60.4	90.6#

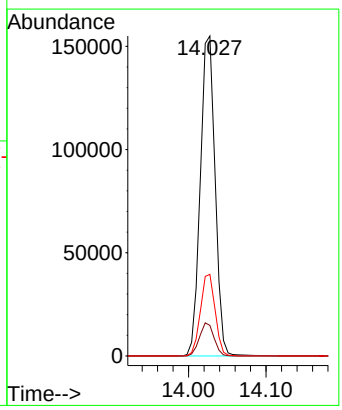


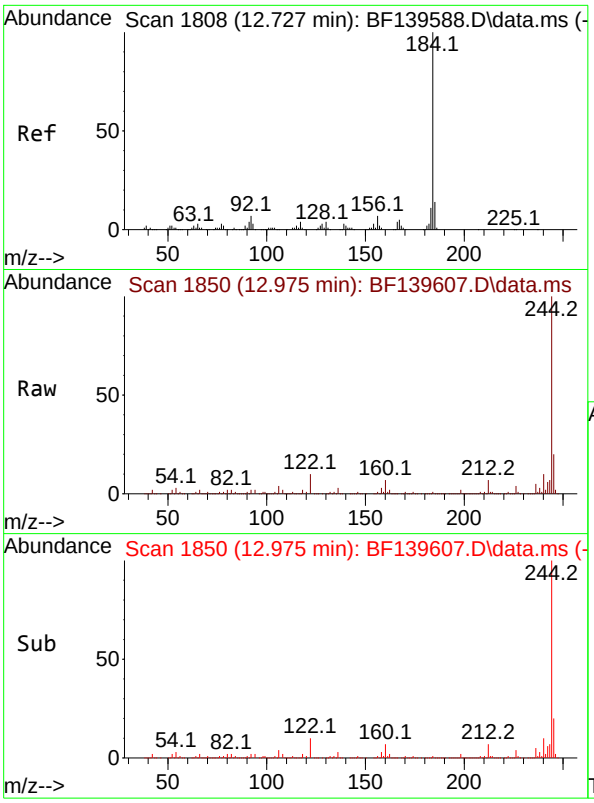


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Tgt Ion:240 Resp: 205825

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.4	12.6
236	25.5	20.3	30.5



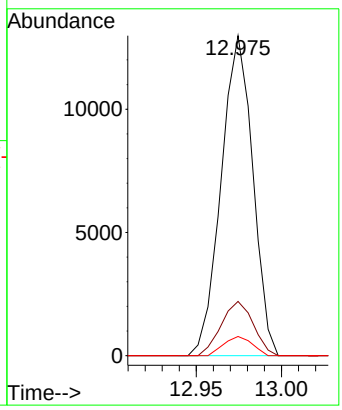


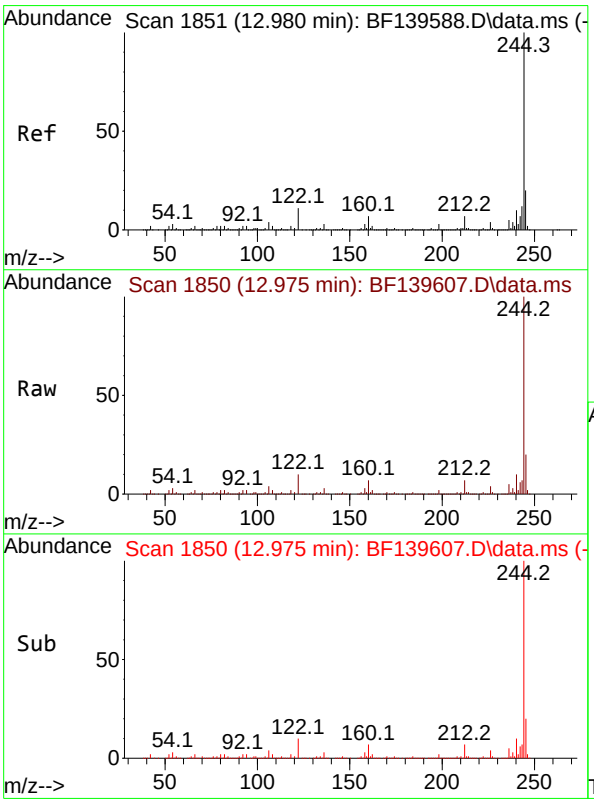
#77
Benzidine
Concen: 4.613 ng
RT: 12.975 min Scan# 1
Delta R.T. 0.247 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion:184 Resp: 16747

Ion	Ratio	Lower	Upper
184	100		
185	17.0	11.4	17.0
183	6.0	8.8	13.2#

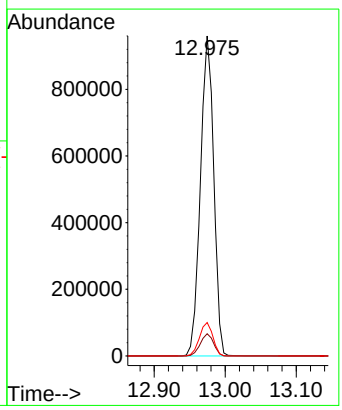


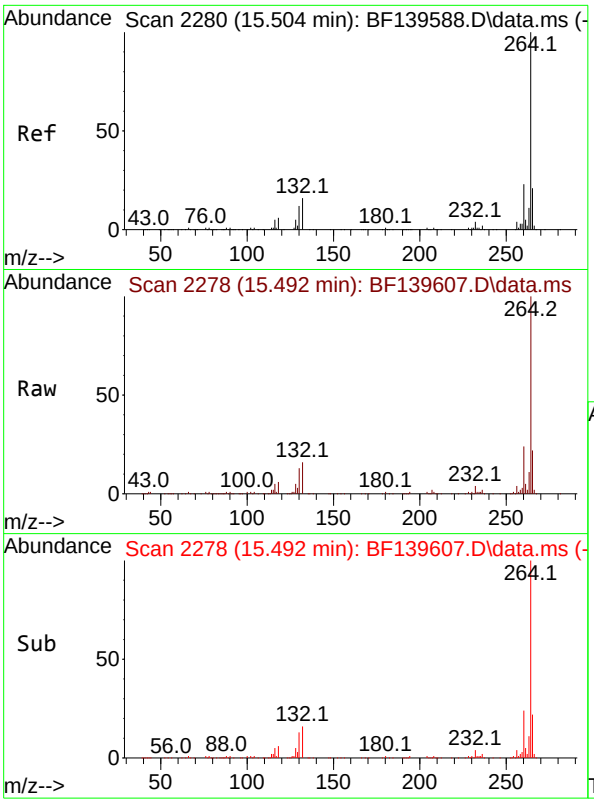


#79
Terphenyl-d14
Concen: 100.129 ng
RT: 12.975 min Scan# 1850
Delta R.T. -0.005 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Tgt Ion:244 Resp: 1256018

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	10.5	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion:264 Resp: 182466

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.5	16.9	25.3