Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
Data File : BF138273.D
Acq On : 20 Jun 2024 20:43
Operator : CG\JU
Sample : P2977-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OSTL-C4

Quant Time: Jun 21 01:20:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	283011	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1093180	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	606186	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	1019390	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	528048	20.000	ng	-0.01
86) Perylene-d12	15.509	264	597664	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1221930	72.226	ng	0.00
7) Phenol-d6	6.510	99	1514429	70.593	ng	-0.01
23) Nitrobenzene-d5	7.445	82	892782	47.544	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	459559	76.153	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1786465	46.863	ng	-0.01
79) Terphenyl-d14	12.986	244	1806333	54.179	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	116170	9.136	ng	# 76
25) Isophorone	7.445	82	890961	26.231	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	79845	9.909	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	79845	8.034	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.704	198	1026	7.103	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	28990	2.524	ng	# 1
77) Benzidine	12.986	184	21419	3.507	ng	# 94

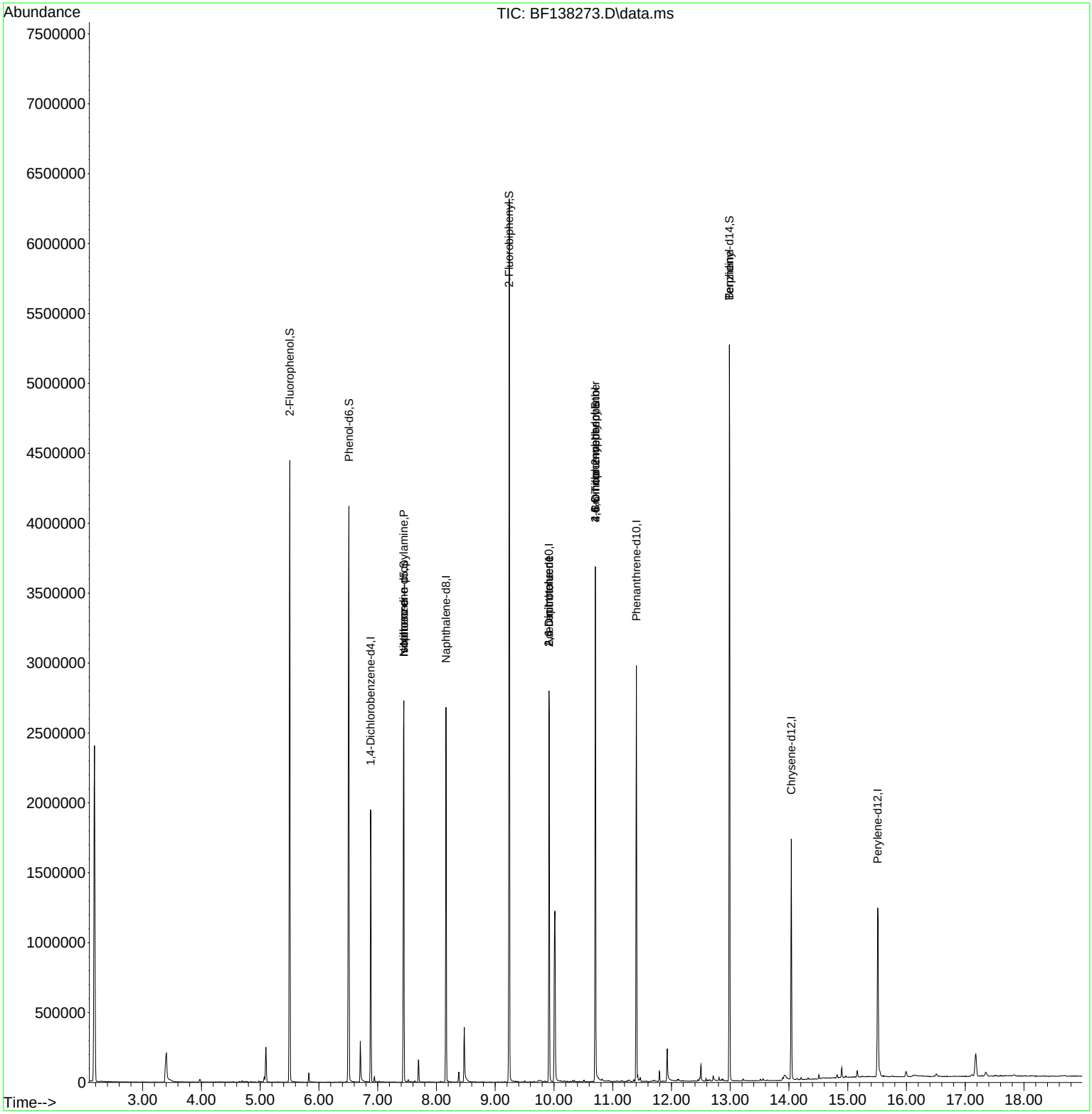
(#) = qualifier out of range (m) = manual integration (+) = signals summed

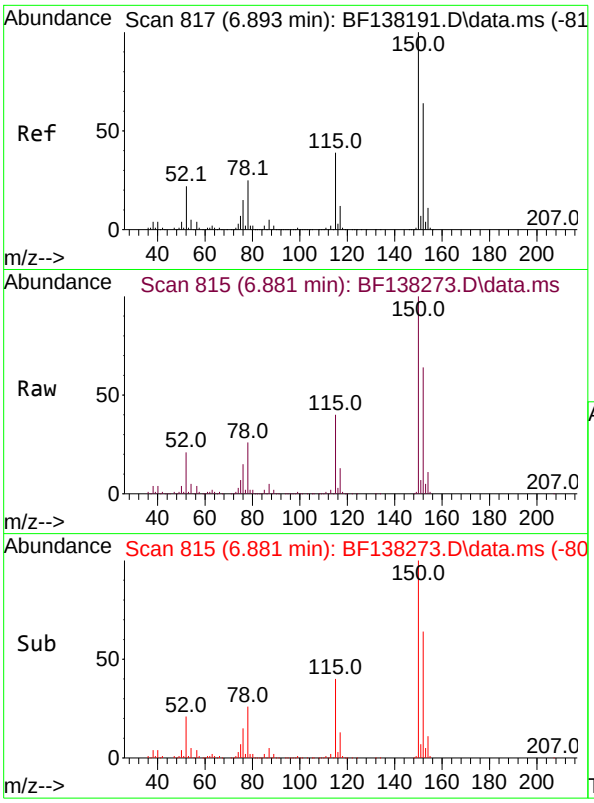
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
Data File : BF138273.D
Acq On : 20 Jun 2024 20:43
Operator : CG\JU
Sample : P2977-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OSTL-C4

Quant Time: Jun 21 01:20:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration



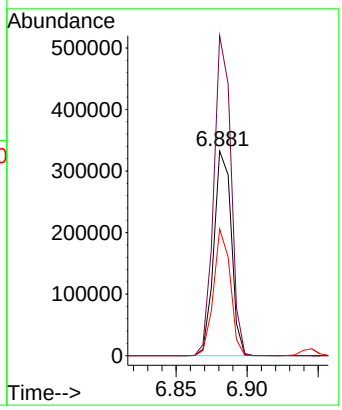


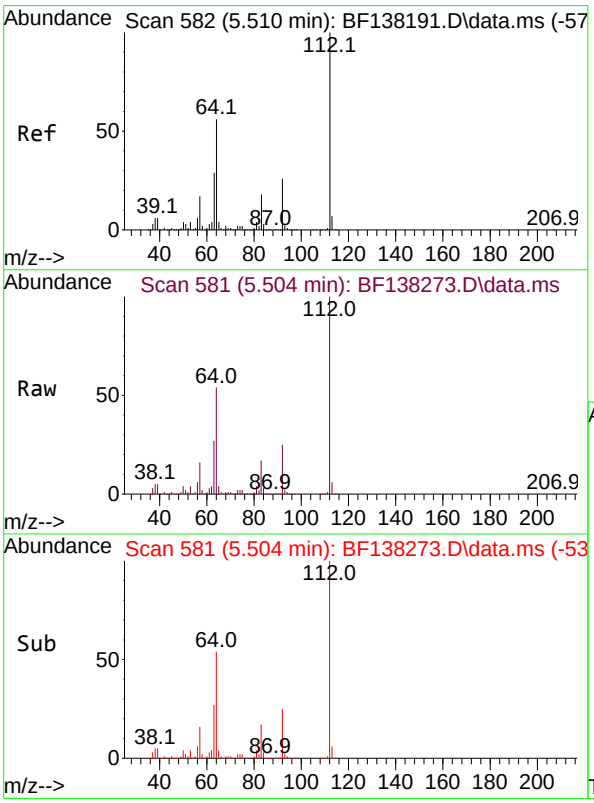
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF138273.D
Acq: 20 Jun 2024 20:43

Instrument :
BNA_F
ClientSampleId :
OSTL-C4

Tgt Ion:152 Resp: 283011

Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.0	187.4
115	61.9	48.4	72.6

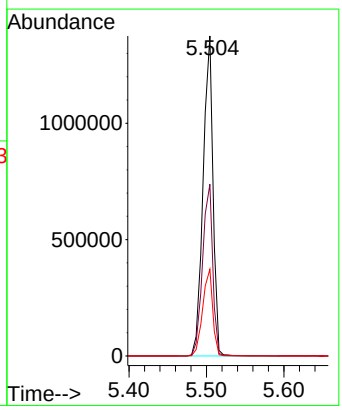


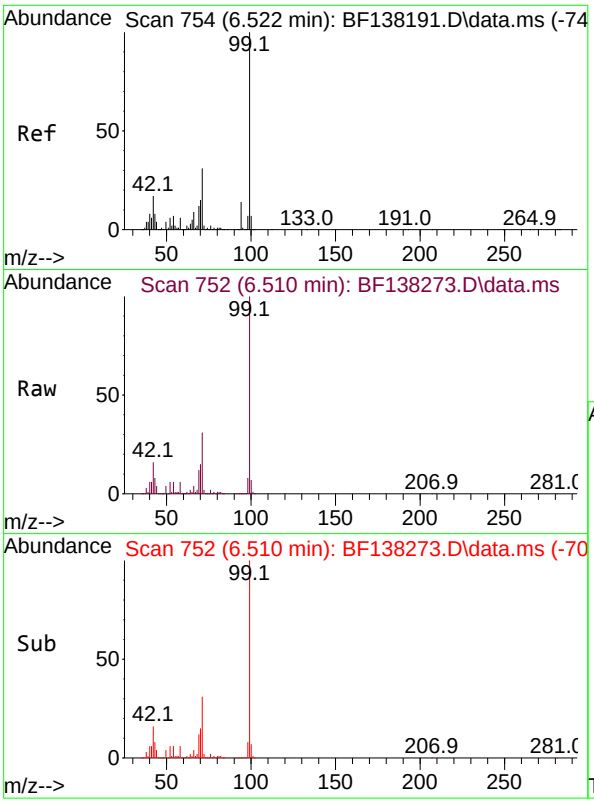


#5
2-Fluorophenol
Concen: 72.226 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138273.D
Acq: 20 Jun 2024 20:43

Tgt Ion:112 Resp: 1221930

Ion	Ratio	Lower	Upper
112	100		
64	53.6	45.2	67.8
63	27.1	22.9	34.3



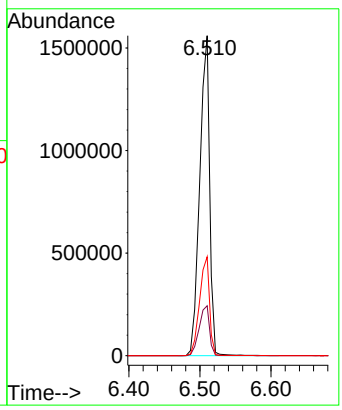


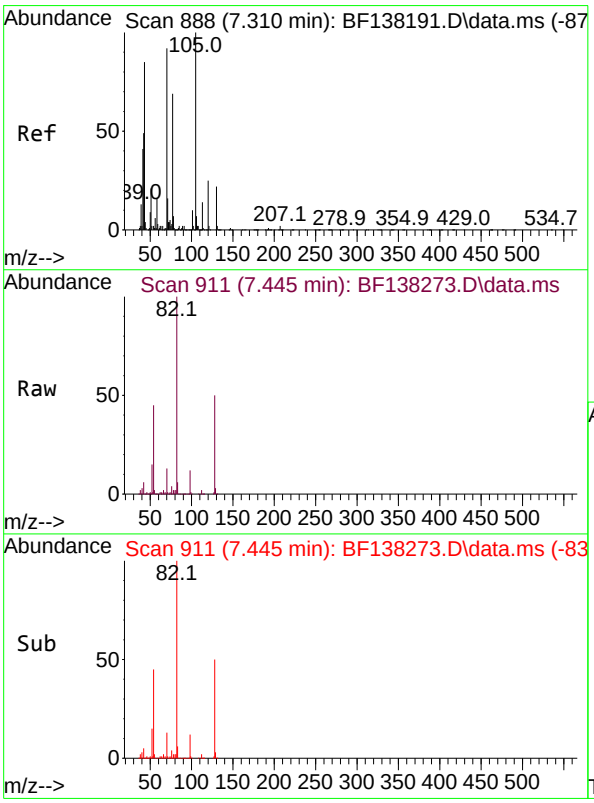
#7
Phenol-d6
Concen: 70.593 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF138273.D
Acq: 20 Jun 2024 20:43

Instrument :
BNA_F
ClientSampleId :
OSTL-C4

Tgt Ion: 99 Resp: 1514429

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.7	20.5
71	30.9	25.0	37.6

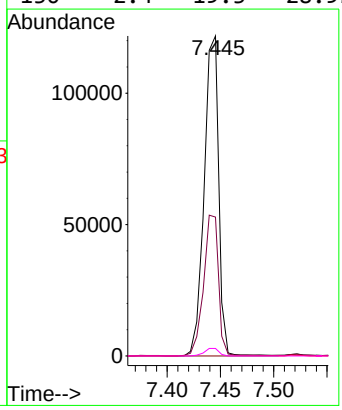


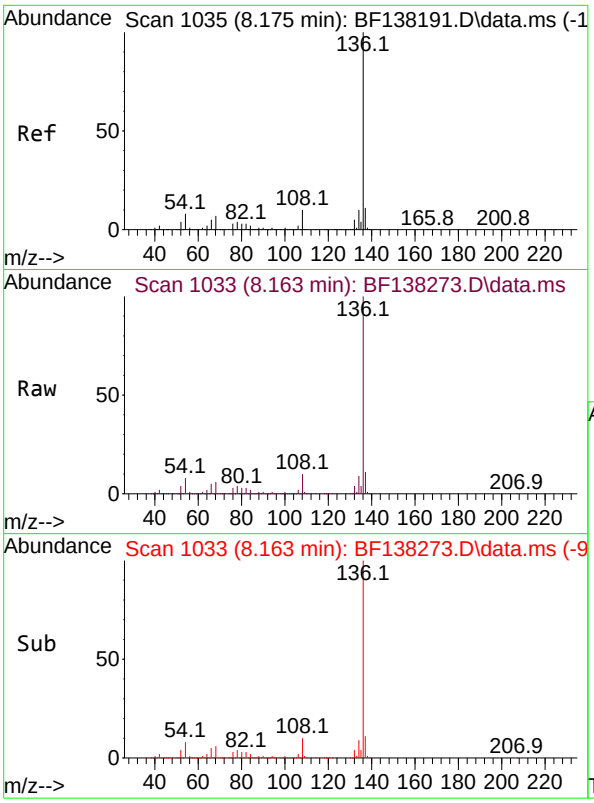


#19
n-Nitroso-di-n-propylamine
Concen: 9.136 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138273.D
Acq: 20 Jun 2024 20:43

Tgt Ion: 70 Resp: 116170

Ion	Ratio	Lower	Upper
70	100		
42	43.4	42.8	64.2
101	0.0	8.4	12.6#
130	2.4	19.3	28.9#



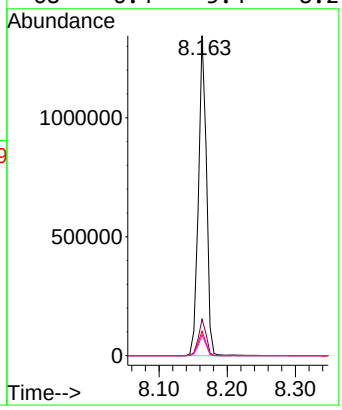


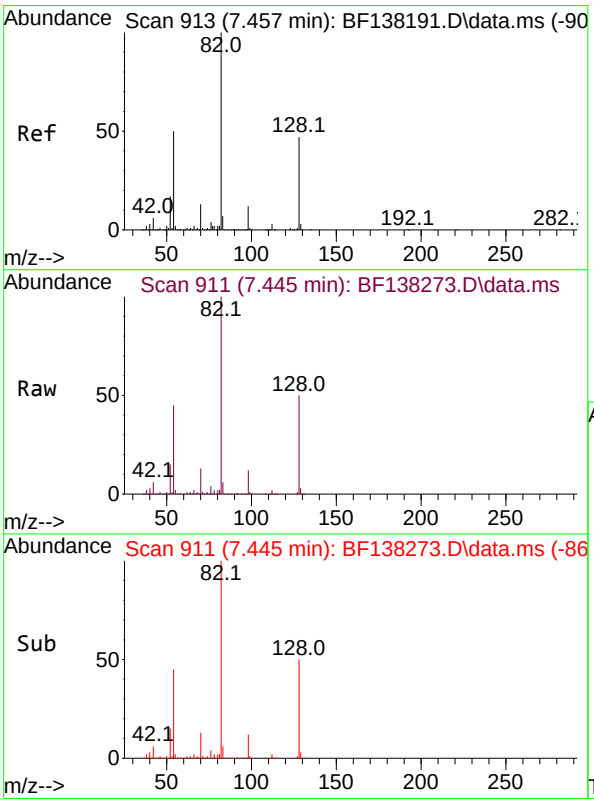
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138273.D
Acq: 20 Jun 2024 20:43

Instrument :
BNA_F
ClientSampleId :
OSTL-C4

Tgt Ion:136 Resp: 1093180

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.6	6.6	10.0
68	6.4	5.4	8.2

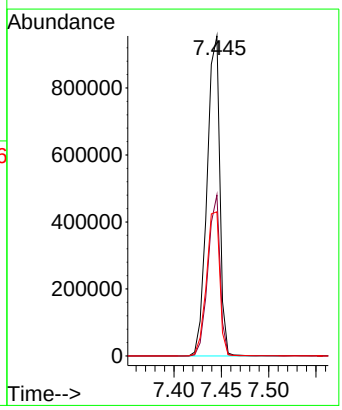


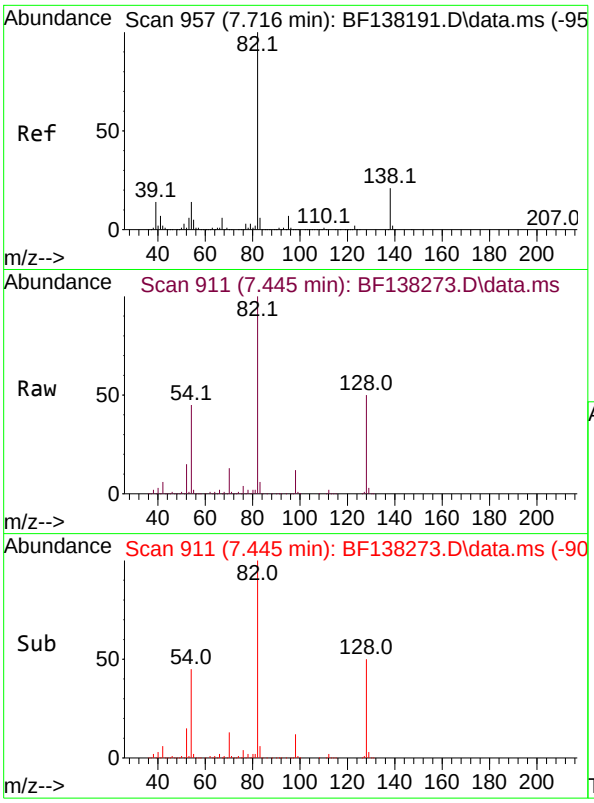


#23
Nitrobenzene-d5
Concen: 47.544 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138273.D
Acq: 20 Jun 2024 20:43

Tgt Ion: 82 Resp: 892782

Ion	Ratio	Lower	Upper
82	100		
128	50.3	37.2	55.8
54	45.1	39.8	59.6



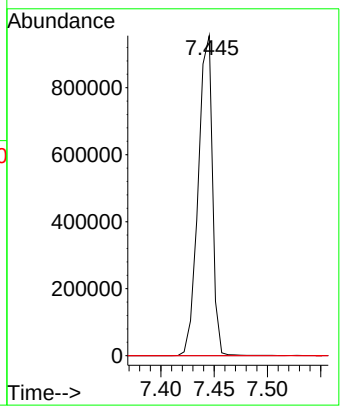


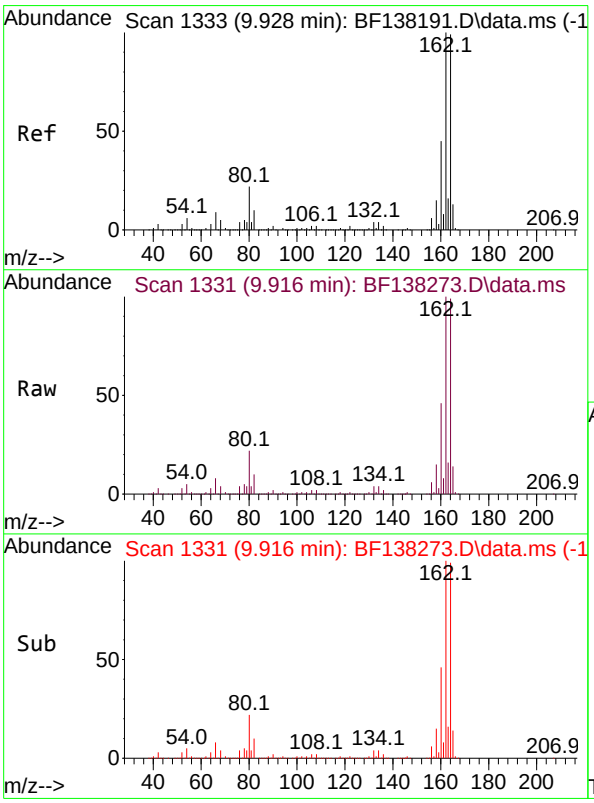
#25
Isophorone
Concen: 26.231 ng
RT: 7.445 min Scan# 9
Delta R.T. -0.271 min
Lab File: BF138273.D
Acq: 20 Jun 2024 20:43

Instrument :
BNA_F
ClientSampleId :
OSTL-C4

Tgt Ion: 82 Resp: 890961

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	16.4	24.6#

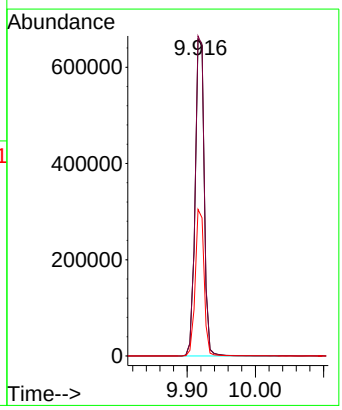


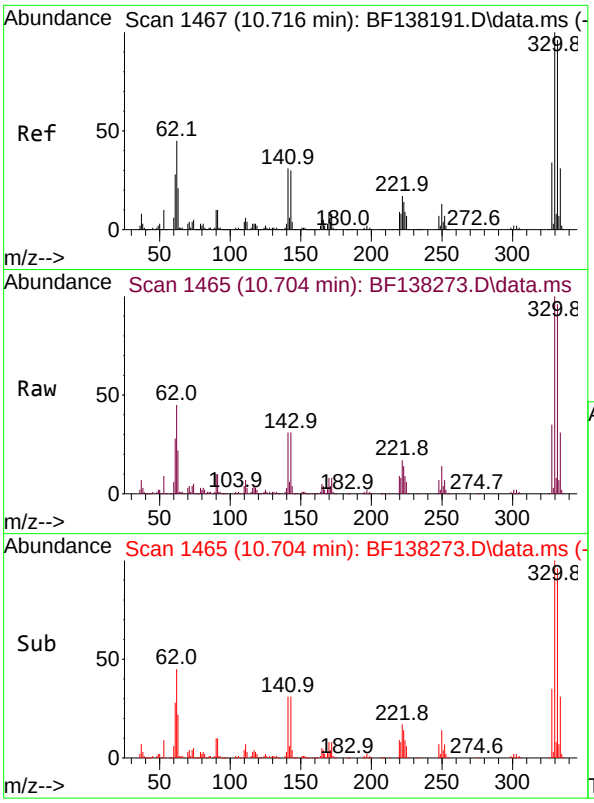


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138273.D
Acq: 20 Jun 2024 20:43

Tgt Ion:164 Resp: 606186

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.6	121.0
160	46.3	36.3	54.5



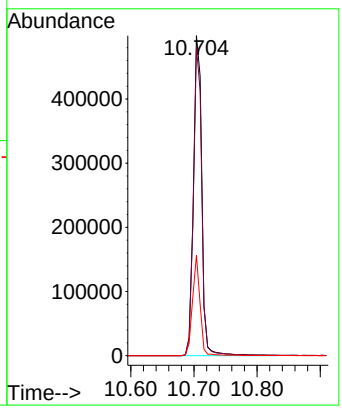


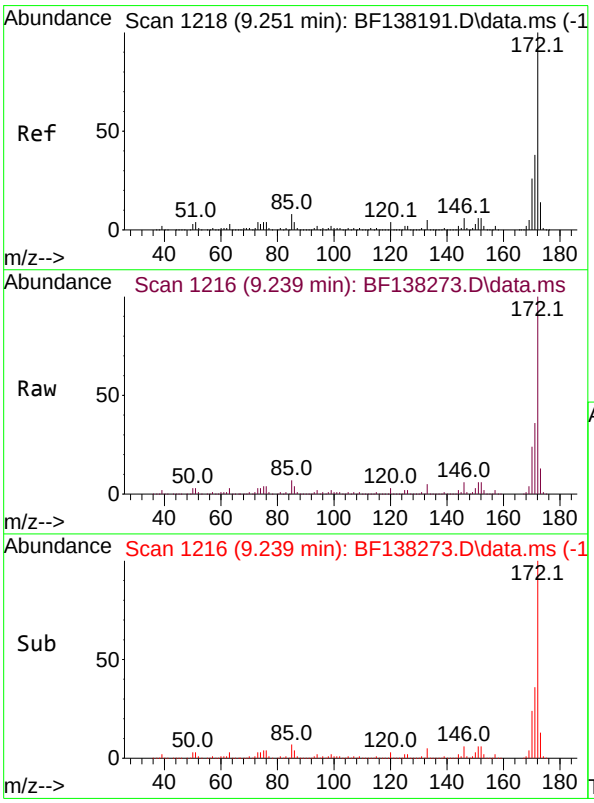
#42
2,4,6-Tribromophenol
Concen: 76.153 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF138273.D
Acq: 20 Jun 2024 20:43

Instrument :
BNA_F
ClientSampleId :
OSTL-C4

Tgt Ion:330 Resp: 459559

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	28.4	23.9	35.9

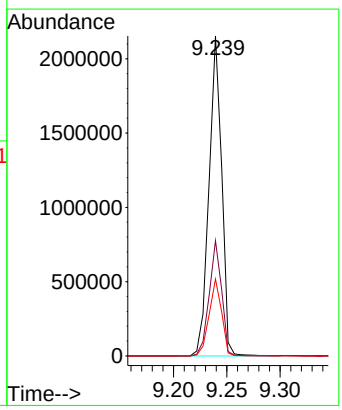


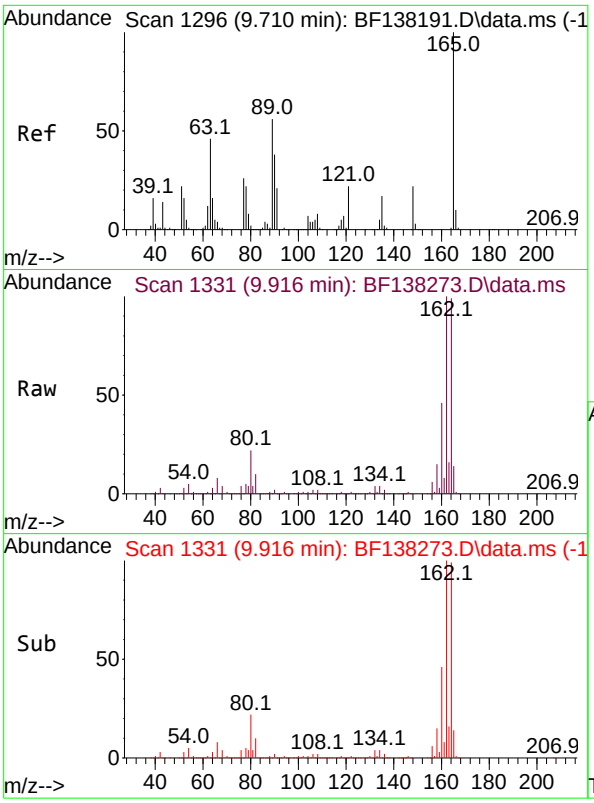


#45
2-Fluorobiphenyl
Concen: 46.863 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138273.D
Acq: 20 Jun 2024 20:43

Tgt Ion:172 Resp: 1786465

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.3	45.5
170	24.0	20.6	30.8



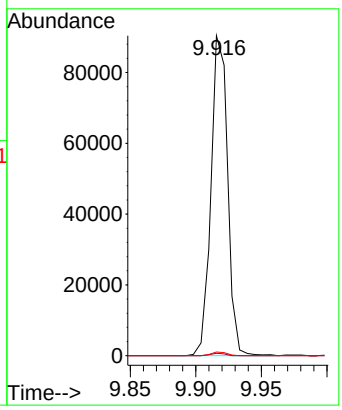


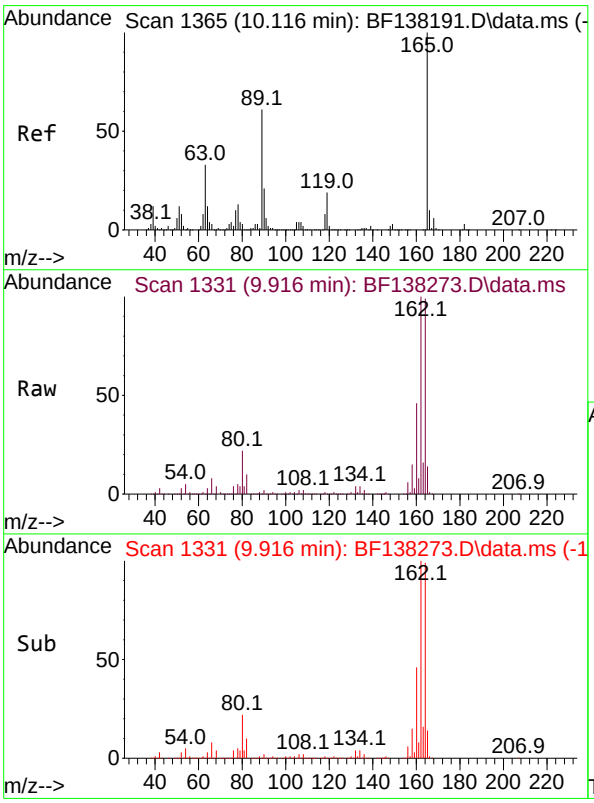
#51
2,6-Dinitrotoluene
Concen: 9.909 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF138273.D
Acq: 20 Jun 2024 20:43

Instrument :
BNA_F
ClientSampleId :
OSTL-C4

Tgt Ion:165 Resp: 79845

Ion	Ratio	Lower	Upper
165	100		
63	0.8	43.7	65.5#
89	1.1	44.9	67.3#

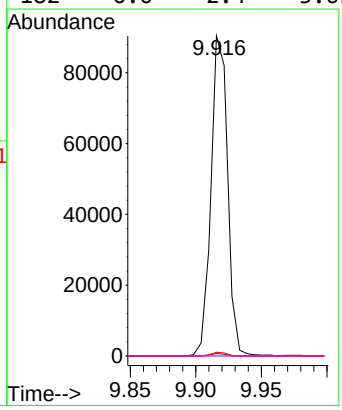


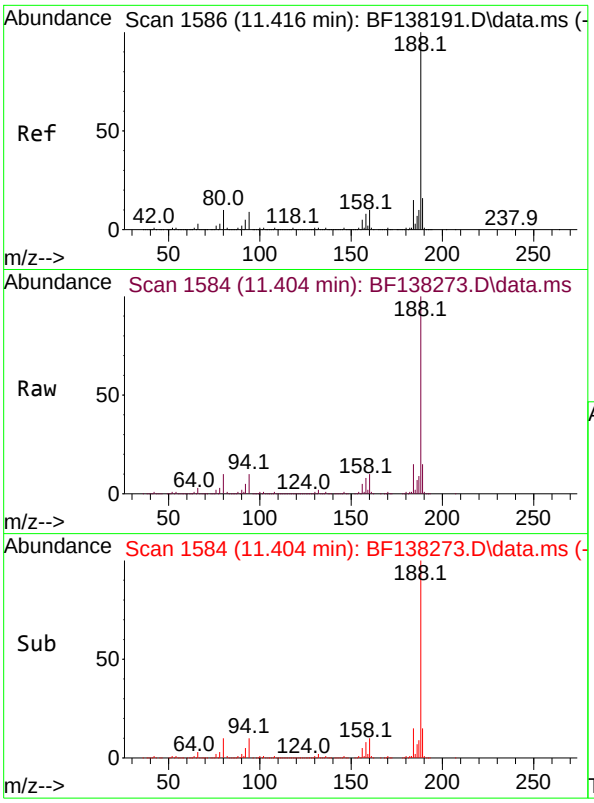


#57
2,4-Dinitrotoluene
Concen: 8.034 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138273.D
Acq: 20 Jun 2024 20:43

Tgt Ion:165 Resp: 79845

Ion	Ratio	Lower	Upper
165	100		
63	0.8	26.6	39.8#
89	1.1	48.7	73.1#
182	0.0	2.4	3.6#



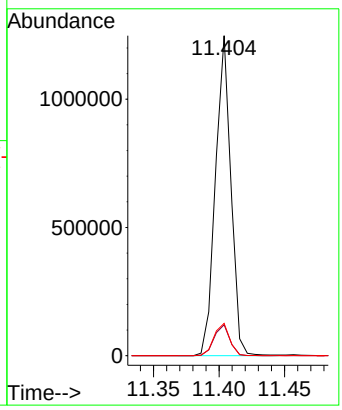


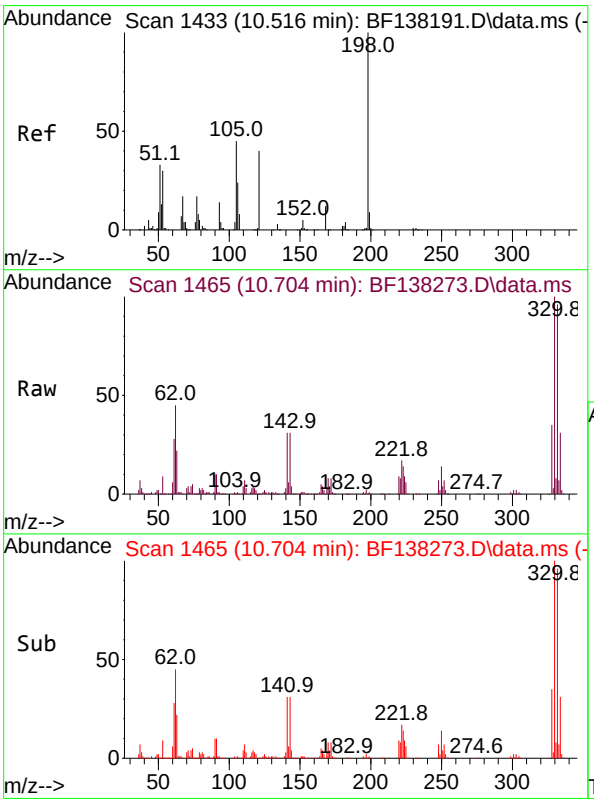
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138273.D
Acq: 20 Jun 2024 20:43

Instrument :
BNA_F
ClientSampleId :
OSTL-C4

Tgt Ion:188 Resp: 1019390

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.6	11.4
80	10.1	8.1	12.1

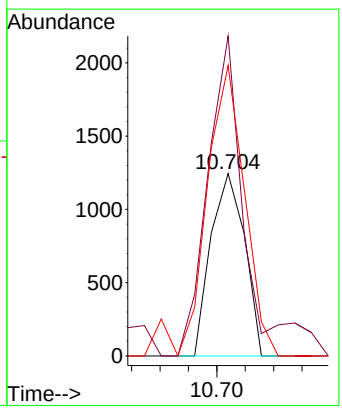


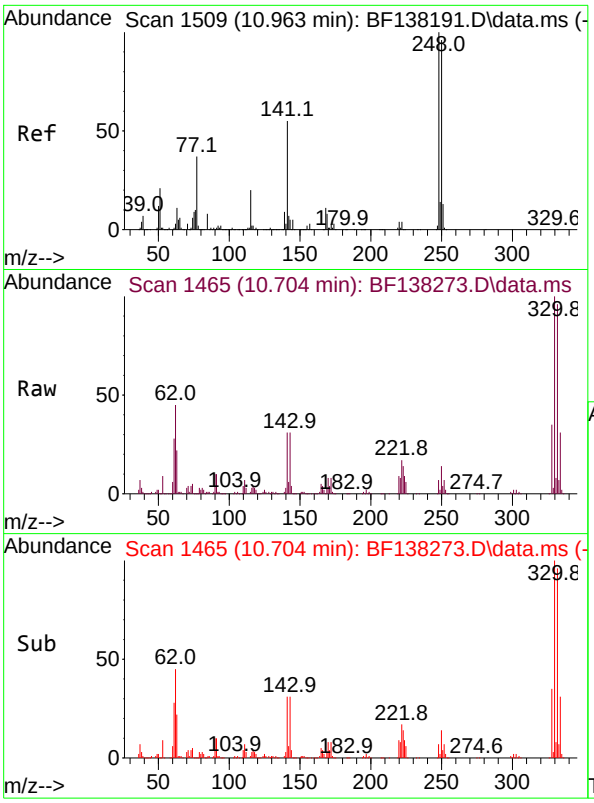


#65
4,6-Dinitro-2-methylphenol
Concen: 7.103 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF138273.D
Acq: 20 Jun 2024 20:43

Tgt Ion:198 Resp: 1026

Ion	Ratio	Lower	Upper
198	100		
51	175.4	26.9	66.9#
105	159.3	26.0	66.0#



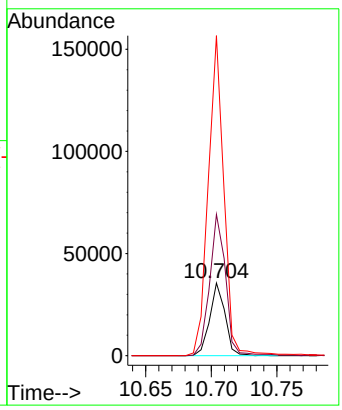


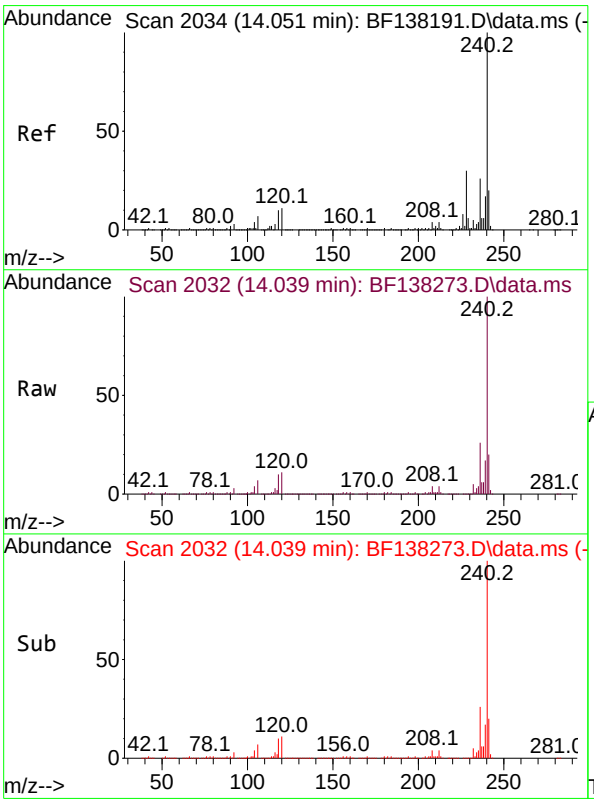
#67
4-Bromophenyl-phenylether
Concen: 2.524 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF138273.D
Acq: 20 Jun 2024 20:43

Instrument :
BNA_F
ClientSampleId :
OSTL-C4

Tgt Ion:248 Resp: 28990

Ion	Ratio	Lower	Upper
248	100		
250	194.4	77.2	115.8#
141	440.5	44.1	66.1#

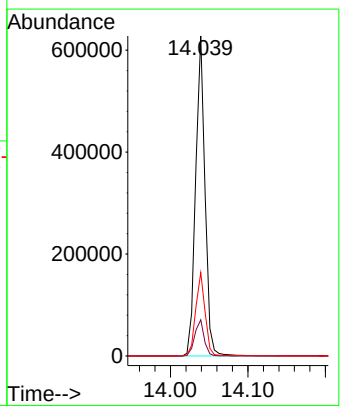


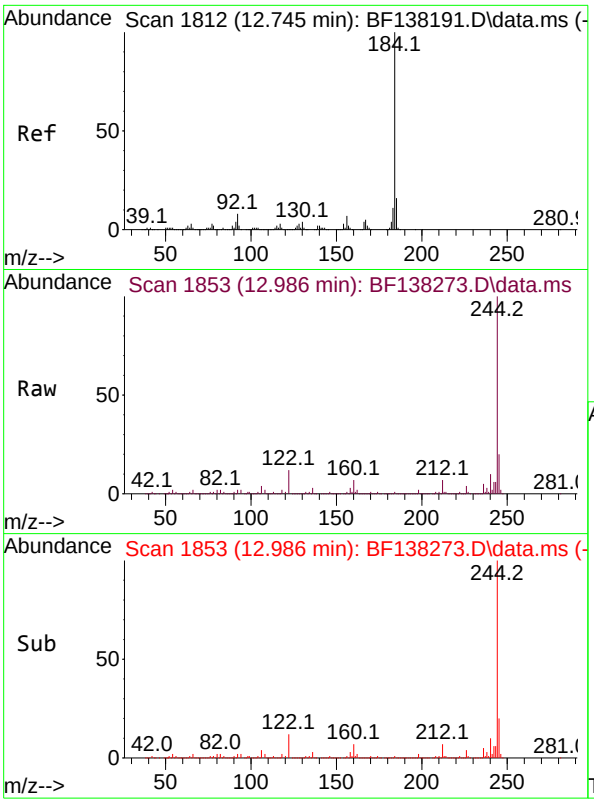


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138273.D
Acq: 20 Jun 2024 20:43

Tgt Ion:240 Resp: 528048

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.2	13.8
236	26.1	21.0	31.6



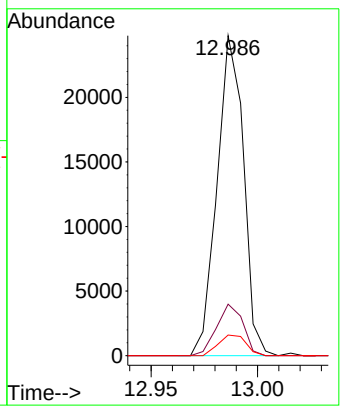


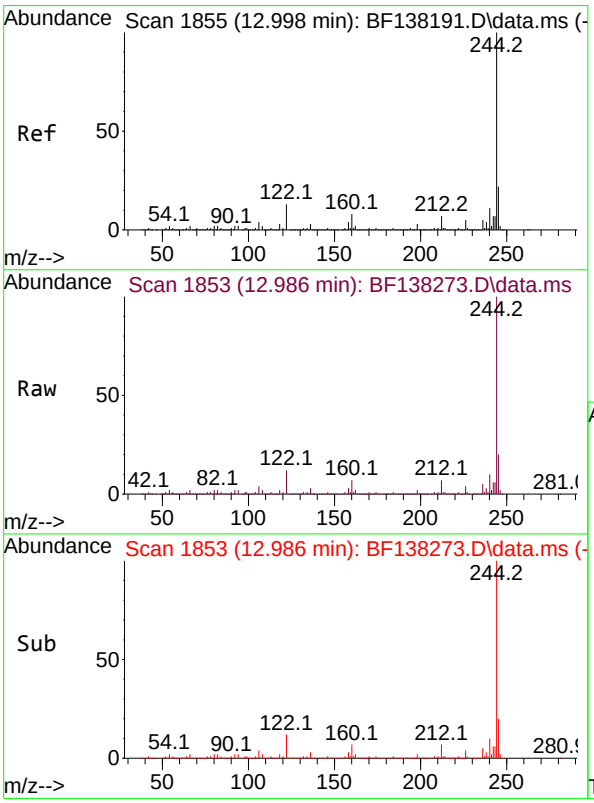
#77
Benzidine
Concen: 3.507 ng
RT: 12.986 min Scan# 1
Delta R.T. 0.241 min
Lab File: BF138273.D
Acq: 20 Jun 2024 20:43

Instrument :
BNA_F
ClientSampleId :
OSTL-C4

Tgt Ion:184 Resp: 21419

Ion	Ratio	Lower	Upper
184	100		
185	16.1	12.6	19.0
183	6.4	9.0	13.6#

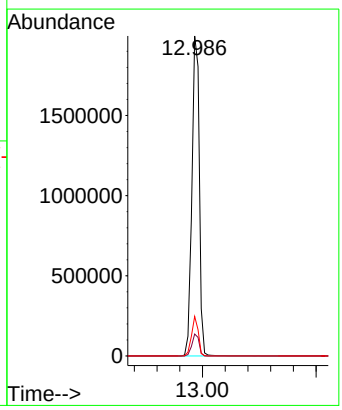


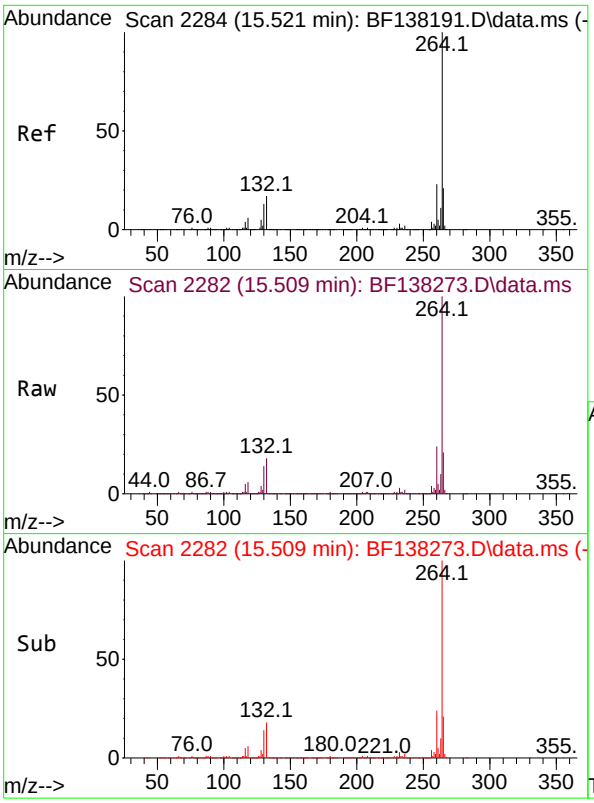


#79
Terphenyl-d14
Concen: 54.179 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF138273.D
Acq: 20 Jun 2024 20:43

Tgt Ion:244 Resp: 1806333

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	12.4	10.6	15.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF138273.D
Acq: 20 Jun 2024 20:43

Instrument :
BNA_F
ClientSampleId :
OSTL-C4

Tgt Ion:264 Resp: 597664

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.3	17.0	25.6