Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
Data File : BF138233.D
Acq On : 18 Jun 2024 19:29
Operator : CG\JU
Sample : P2918-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POLE

Quant Time: Jun 19 01:24:17 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	6.892	152	360979	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1366590	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	700815	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	966545	20.000	ng	0.00
76) Chrysene-d12	14.039	240	627454	20.000	ng	-0.01
86) Perylene-d12	15.515	264	514810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2601104	120.539	ng	0.02
7) Phenol-d6	6.522	99	2958598	108.124	ng	0.00
23) Nitrobenzene-d5	7.457	82	2099655	89.445	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	764824	109.624	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3790476	86.006	ng	0.00
79) Terphenyl-d14	12.998	244	3239493	81.772	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	281524	17.357	ng	# 76
25) Isophorone	7.457	82	2097871	49.408	ng	# 62
51) 2,6-Dinitrotoluene	9.922	165	91930	9.869	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	91931	8.001	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	1764	7.241	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	50090	4.599	ng	# 1
77) Benzidine	12.739	184	135841	18.717	ng	99

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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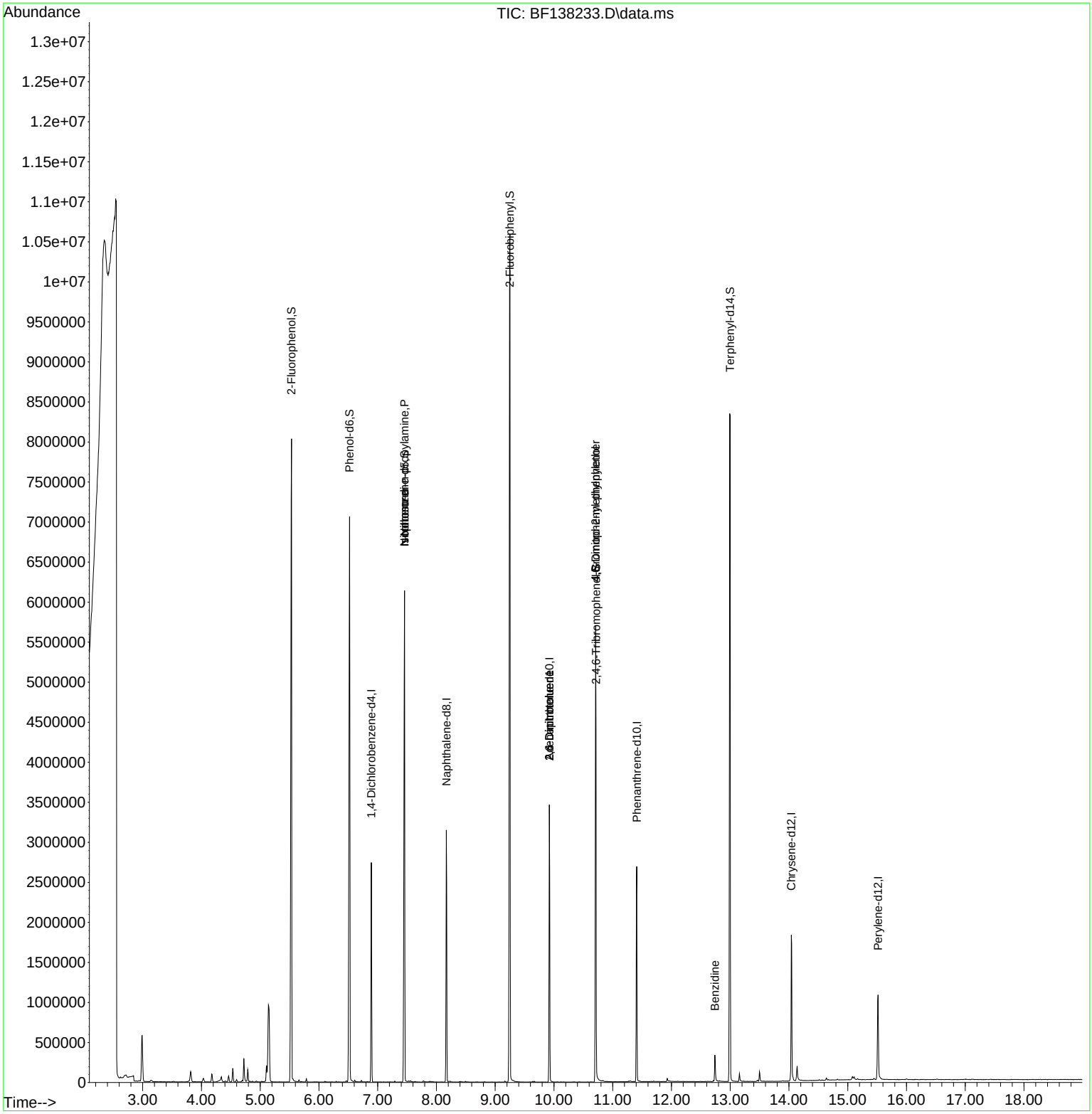
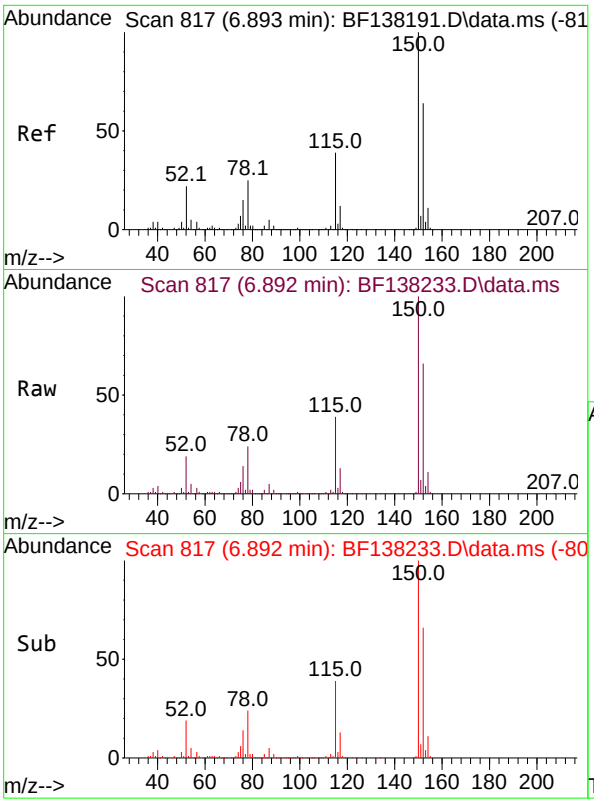


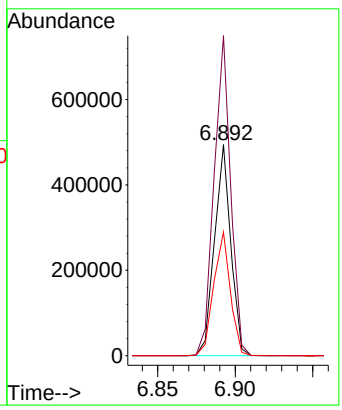


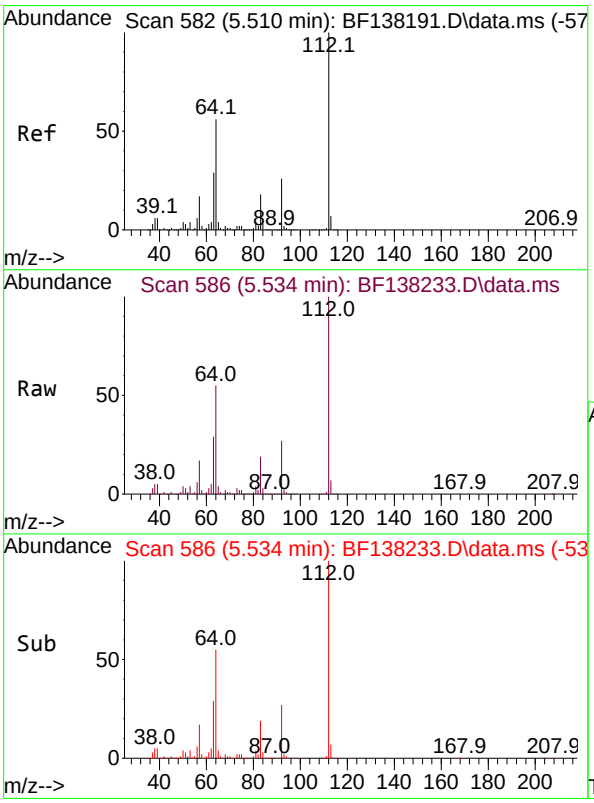
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 8
Delta R.T. -0.001 min
Lab File: BF138233.D
Acq: 18 Jun 2024 19:29

Instrument :
BNA_F
ClientSampleId :
POLE

Tgt Ion:152 Resp: 360979

Ion	Ratio	Lower	Upper
152	100		
150	151.6	125.0	187.4
115	58.6	48.4	72.6

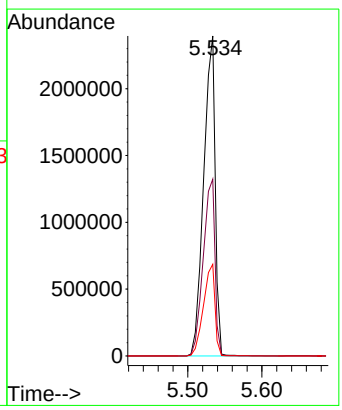


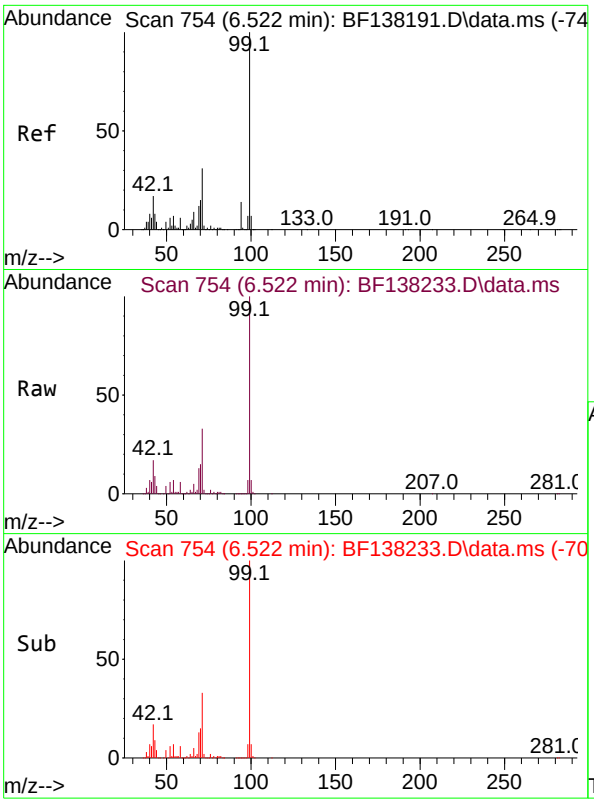


#5
2-Fluorophenol
Concen: 120.539 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.023 min
Lab File: BF138233.D
Acq: 18 Jun 2024 19:29

Tgt Ion:112 Resp: 2601104

Ion	Ratio	Lower	Upper
112	100		
64	55.3	45.2	67.8
63	28.7	22.9	34.3



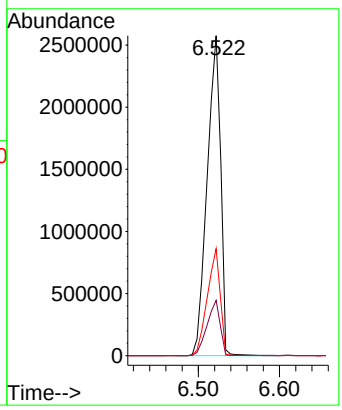


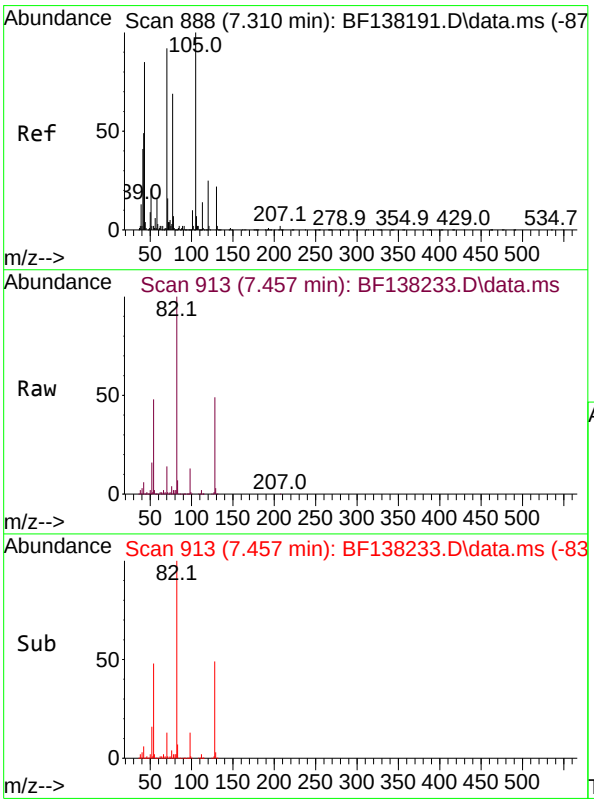
#7
Phenol-d6
Concen: 108.124 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF138233.D
Acq: 18 Jun 2024 19:29

Instrument :
BNA_F
ClientSampleId :
POLE

Tgt Ion: 99 Resp: 2958598

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.7	20.5
71	33.5	25.0	37.6

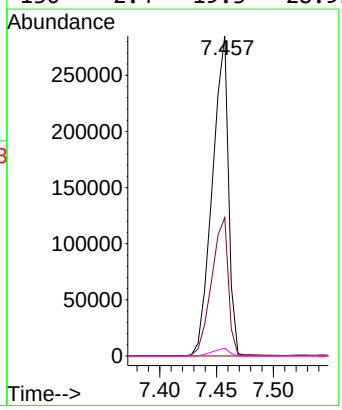


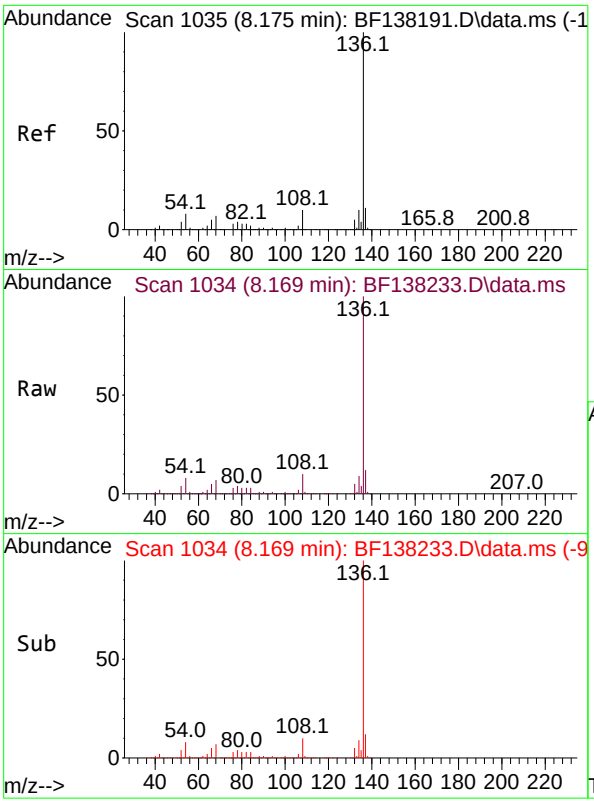


#19
n-Nitroso-di-n-propylamine
Concen: 17.357 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF138233.D
Acq: 18 Jun 2024 19:29

Tgt Ion: 70 Resp: 281524

Ion	Ratio	Lower	Upper
70	100		
42	43.3	42.8	64.2
101	0.0	8.4	12.6#
130	2.4	19.3	28.9#



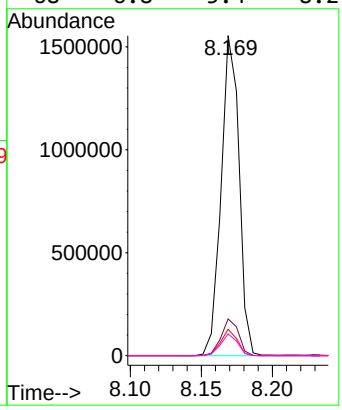


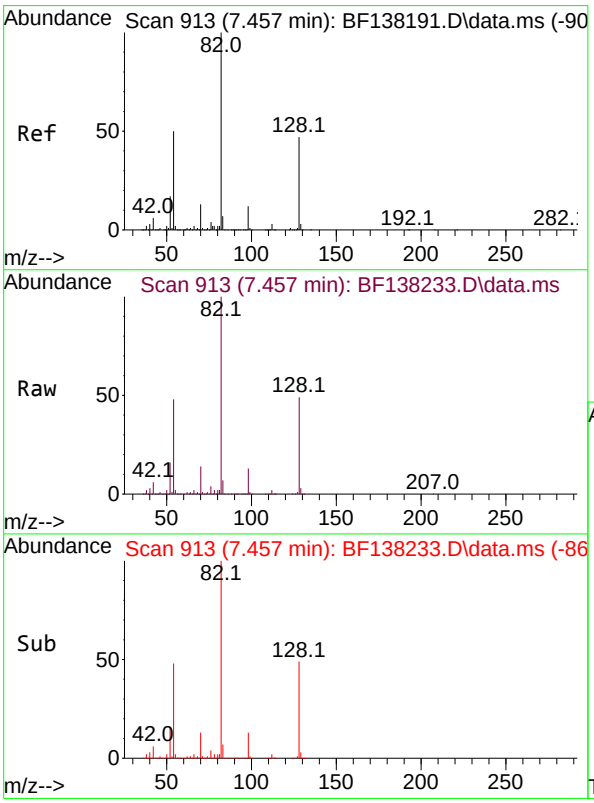
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138233.D
Acq: 18 Jun 2024 19:29

Instrument :
BNA_F
ClientSampleId :
POLE

Tgt Ion:136 Resp: 1366590

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.2	6.6	10.0
68	6.8	5.4	8.2

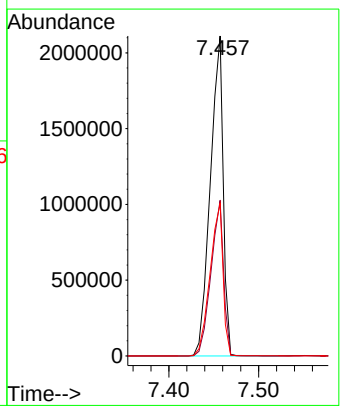


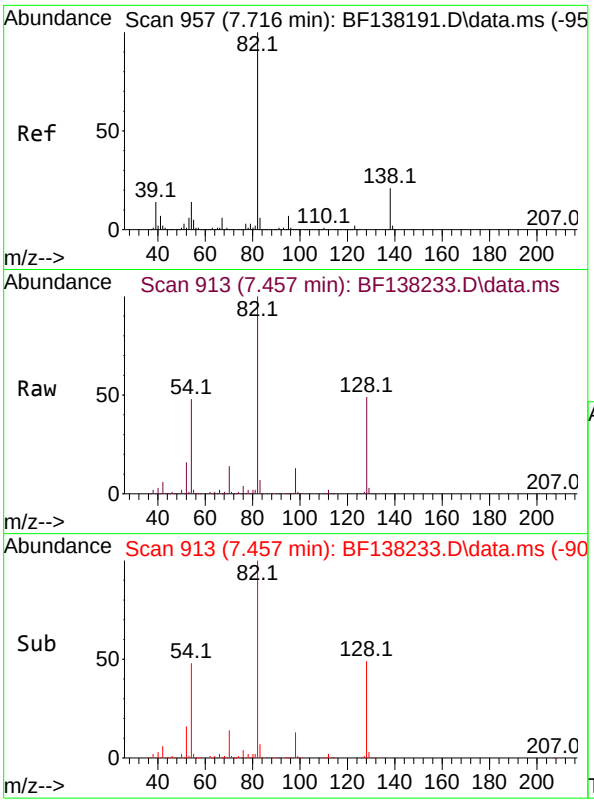


#23
Nitrobenzene-d5
Concen: 89.445 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF138233.D
Acq: 18 Jun 2024 19:29

Tgt Ion: 82 Resp: 2099655

Ion	Ratio	Lower	Upper
82	100		
128	48.7	37.2	55.8
54	47.7	39.8	59.6



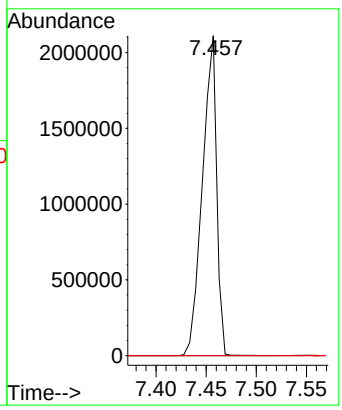


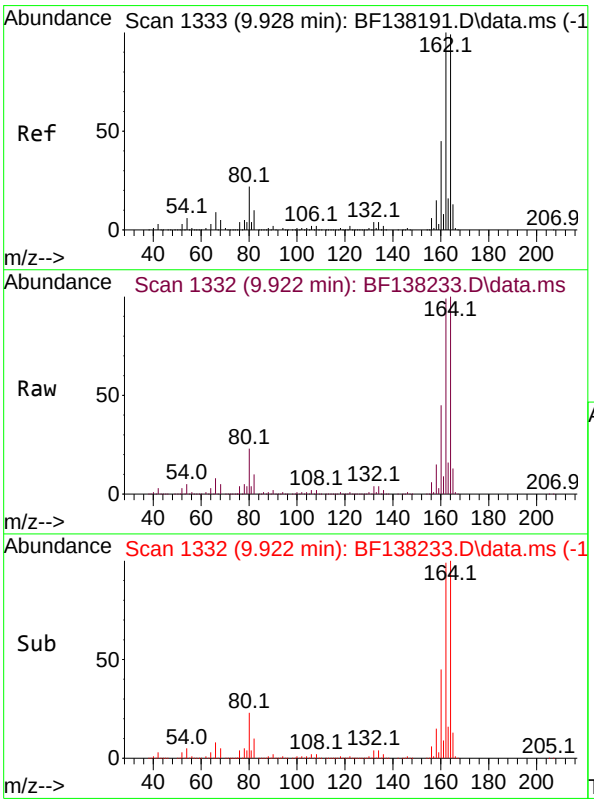
#25
Isophorone
Concen: 49.408 ng
RT: 7.457 min Scan# 9
Delta R.T. -0.259 min
Lab File: BF138233.D
Acq: 18 Jun 2024 19:29

Instrument :
BNA_F
ClientSampleId :
POLE

Tgt Ion: 82 Resp: 2097871

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

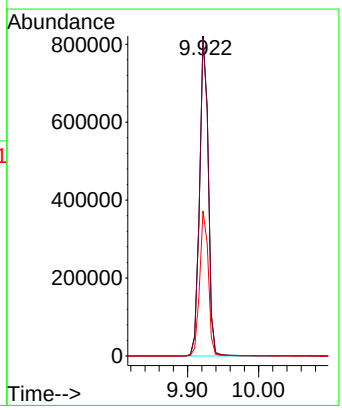


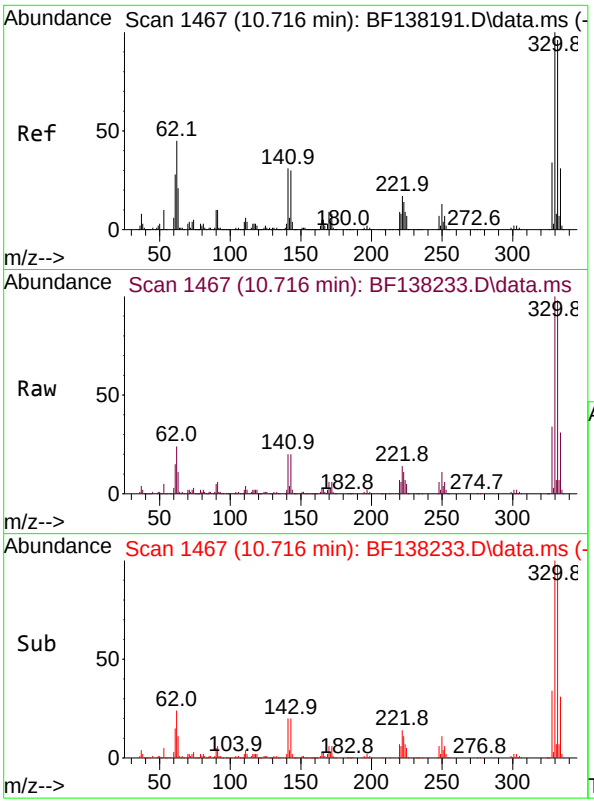


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF138233.D
Acq: 18 Jun 2024 19:29

Tgt Ion:164 Resp: 700815

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.6	121.0
160	45.2	36.3	54.5



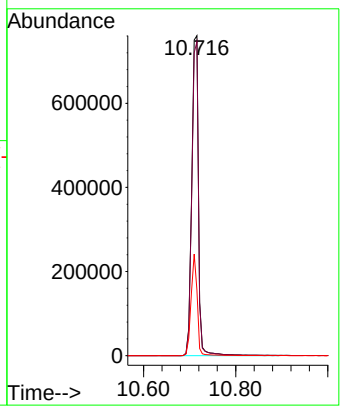


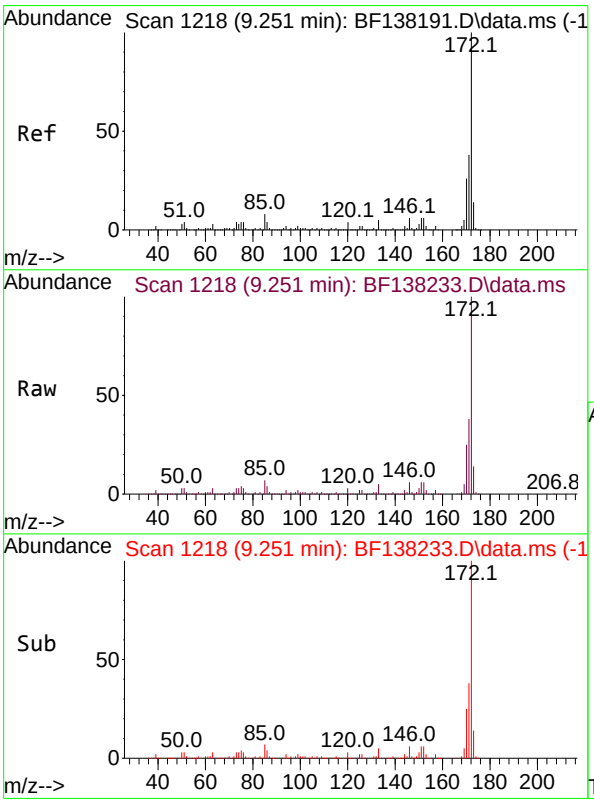
#42
2,4,6-Tribromophenol
Concen: 109.624 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF138233.D
Acq: 18 Jun 2024 19:29

Instrument :
BNA_F
ClientSampleId :
POLE

Tgt Ion:330 Resp: 764824

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	29.1	23.9	35.9

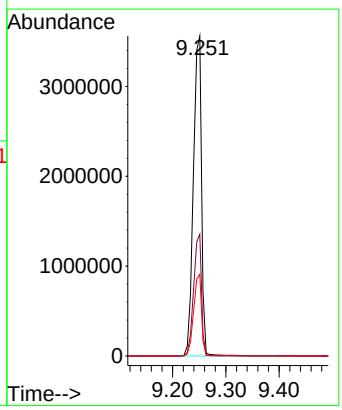


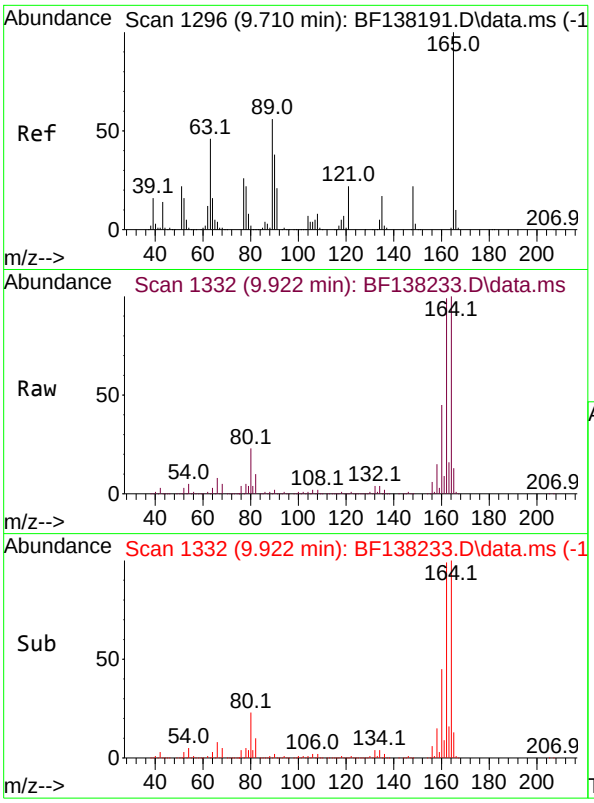


#45
2-Fluorobiphenyl
Concen: 86.006 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF138233.D
Acq: 18 Jun 2024 19:29

Tgt Ion:172 Resp: 3790476

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.3	45.5
170	25.5	20.6	30.8



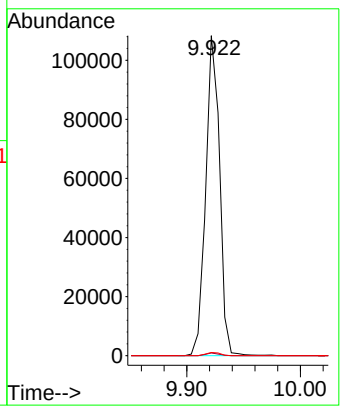


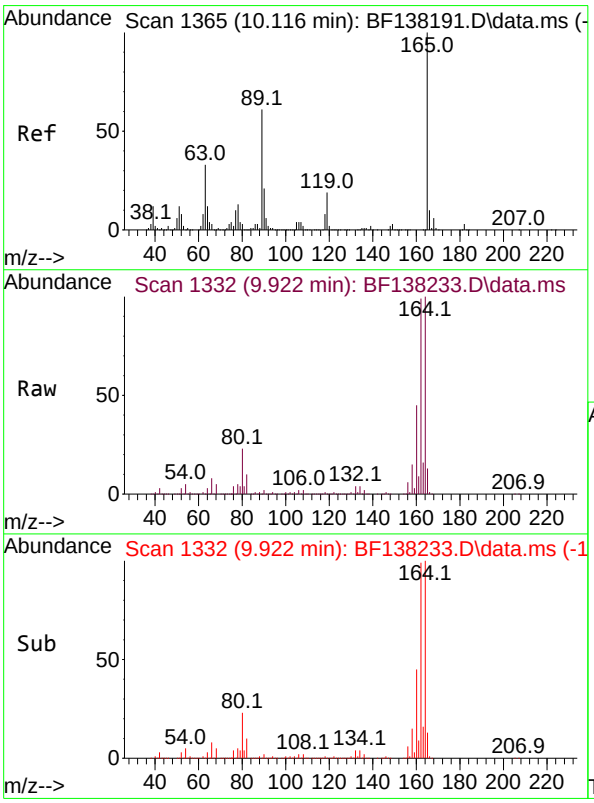
#51
2,6-Dinitrotoluene
Concen: 9.869 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.212 min
Lab File: BF138233.D
Acq: 18 Jun 2024 19:29

Instrument :
BNA_F
ClientSampleId :
POLE

Tgt Ion:165 Resp: 91930

Ion	Ratio	Lower	Upper
165	100		
63	0.8	43.7	65.5#
89	1.0	44.9	67.3#

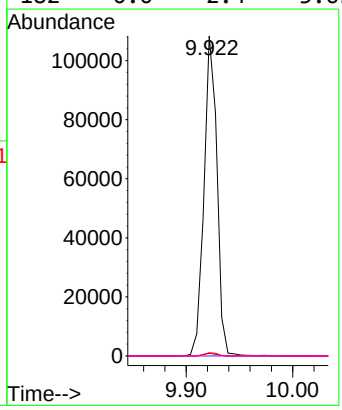


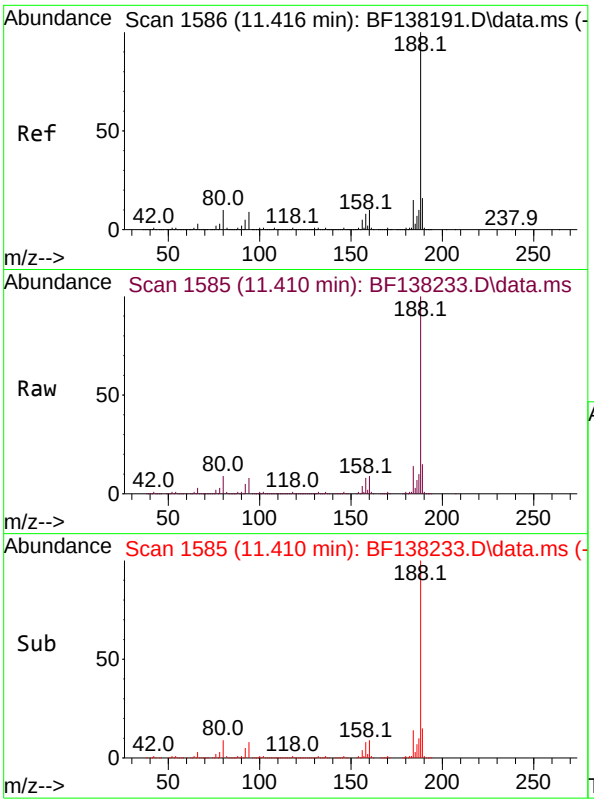


#57
2,4-Dinitrotoluene
Concen: 8.001 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF138233.D
Acq: 18 Jun 2024 19:29

Tgt Ion:165 Resp: 91931

Ion	Ratio	Lower	Upper
165	100		
63	0.8	26.6	39.8#
89	1.0	48.7	73.1#
182	0.0	2.4	3.6#



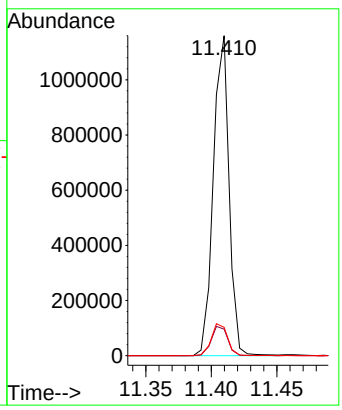


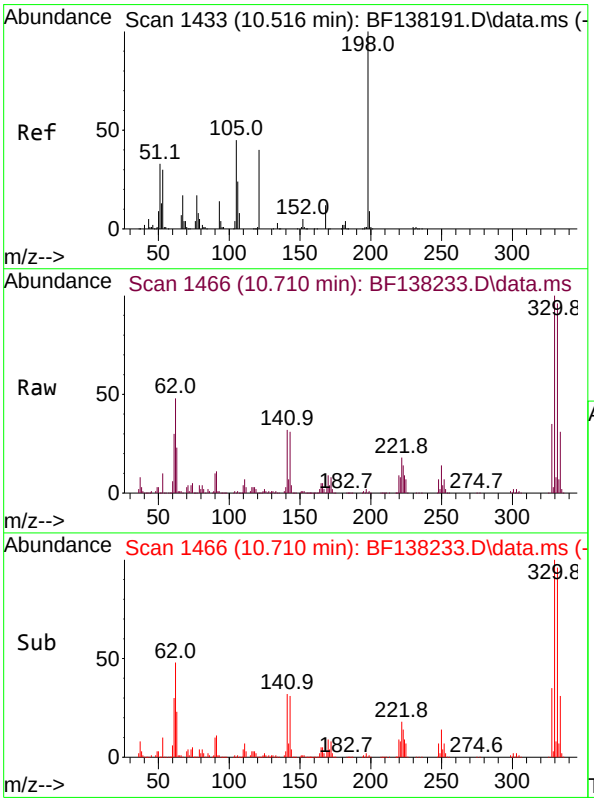
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138233.D
Acq: 18 Jun 2024 19:29

Instrument :
BNA_F
ClientSampleId :
POLE

Tgt Ion:188 Resp: 966545

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.6	11.4
80	8.8	8.1	12.1

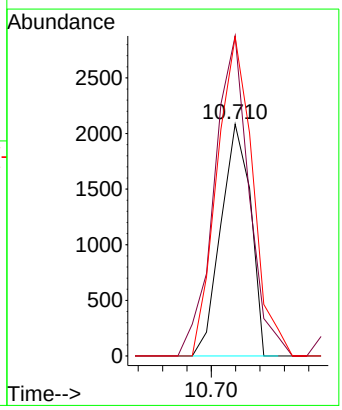


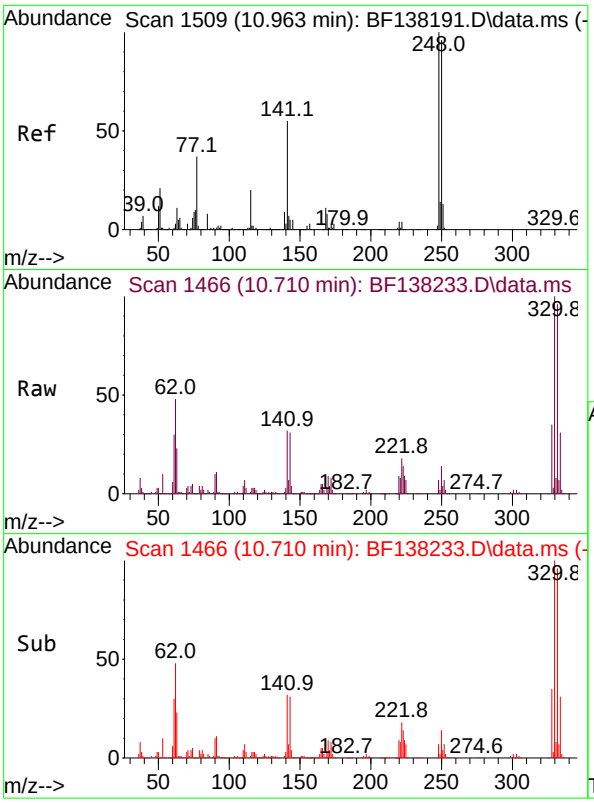


#65
4,6-Dinitro-2-methylphenol
Concen: 7.241 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF138233.D
Acq: 18 Jun 2024 19:29

Tgt Ion:198 Resp: 1764

Ion	Ratio	Lower	Upper
198	100		
51	138.1	26.9	66.9#
105	137.7	26.0	66.0#



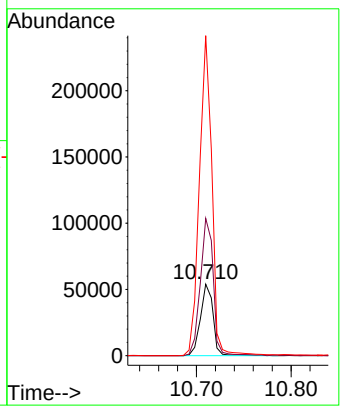


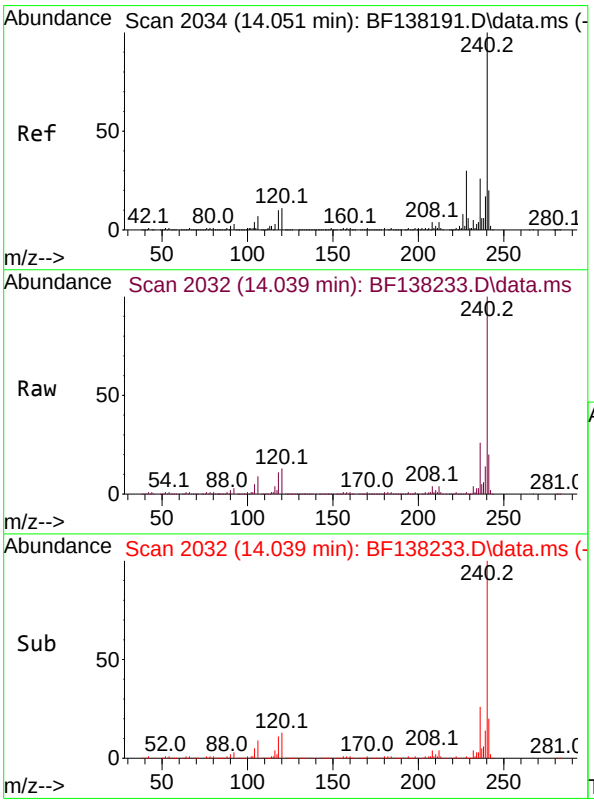
#67
4-Bromophenyl-phenylether
Concen: 4.599 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF138233.D
Acq: 18 Jun 2024 19:29

Instrument :
BNA_F
ClientSampleId :
POLE

Tgt Ion:248 Resp: 50090

Ion	Ratio	Lower	Upper
248	100		
250	192.2	77.2	115.8#
141	447.8	44.1	66.1#

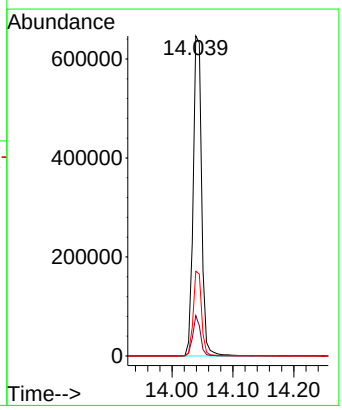


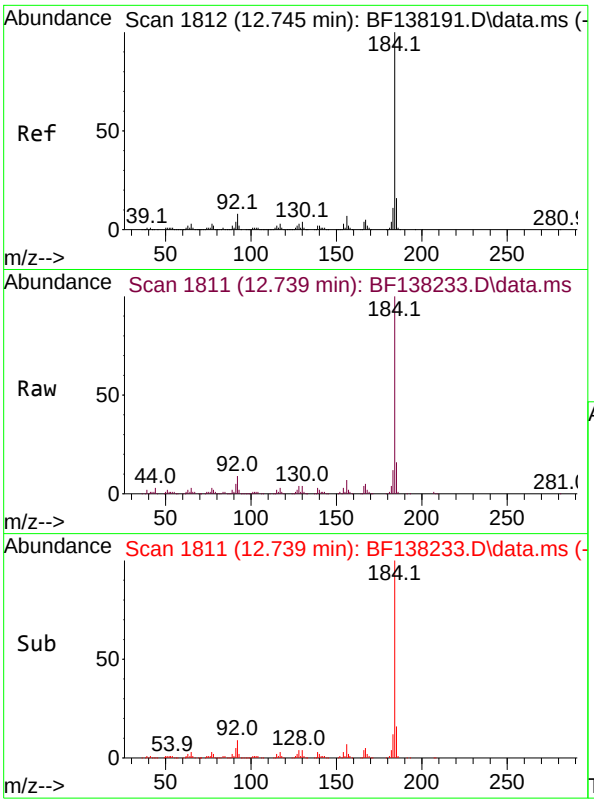


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138233.D
Acq: 18 Jun 2024 19:29

Tgt Ion:240 Resp: 627454

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.2	13.8
236	26.5	21.0	31.6



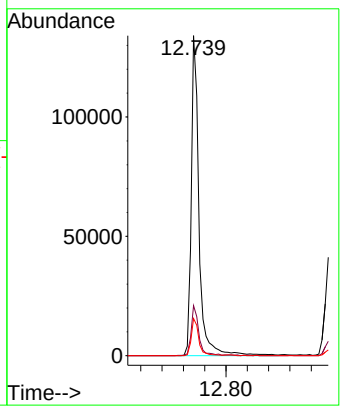


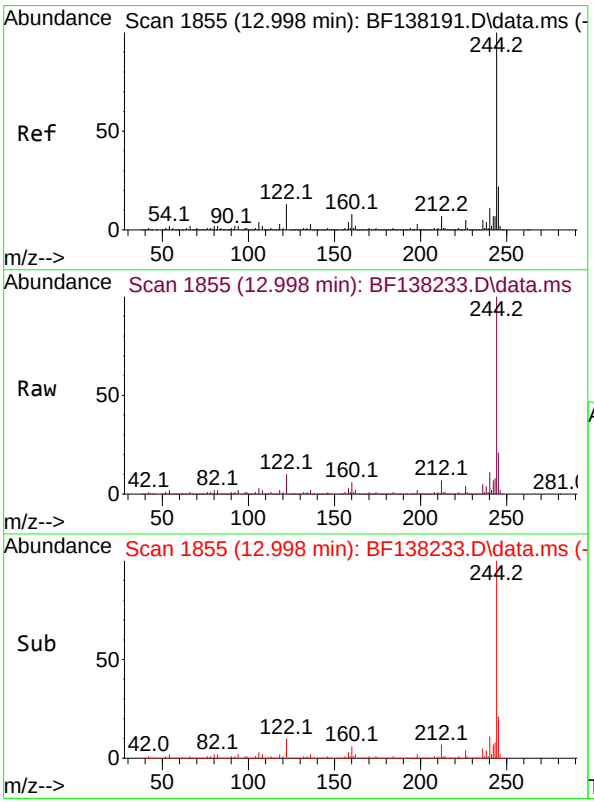
#77
Benzidine
Concen: 18.717 ng
RT: 12.739 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138233.D
Acq: 18 Jun 2024 19:29

Instrument :
BNA_F
ClientSampleId :
POLE

Tgt Ion:184 Resp: 135841

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.6	19.0
183	11.6	9.0	13.6

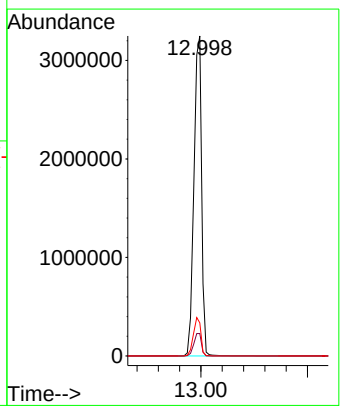


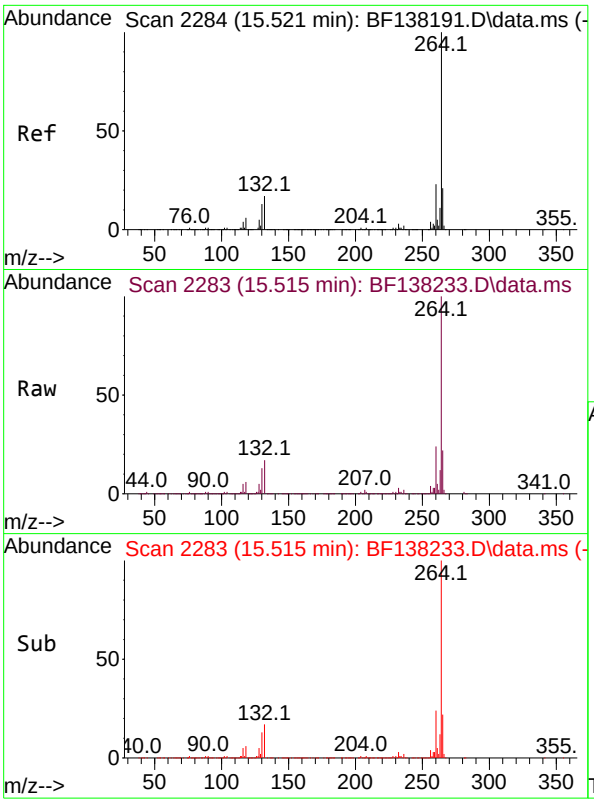


#79
Terphenyl-d14
Concen: 81.772 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BF138233.D
Acq: 18 Jun 2024 19:29

Tgt Ion:244 Resp: 3239493

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	10.4	10.6	15.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF138233.D
Acq: 18 Jun 2024 19:29

Instrument :
BNA_F
ClientSampleId :
POLE

Tgt Ion:264 Resp: 514810

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.7	17.0	25.6