Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
Data File : BF128203.D
Acq On : 11 May 2022 19:18
Operator : CG\JU
Sample : N2776-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CF-280MER-9-5

Quant Time: May 12 06:00:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 15:30:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	82819	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	326577	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	187261	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	334814	20.000	ng	0.00
76) Chrysene-d12	14.068	240	210376	20.000	ng	-0.01
86) Perylene-d12	15.562	264	166593	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	550412	105.946	ng	0.00
7) Phenol-d6	6.522	99	719626	104.726	ng	0.00
23) Nitrobenzene-d5	7.457	82	513188	70.708	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	214320	99.793	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	842353	70.384	ng	0.00
79) Terphenyl-d14	13.010	244	872027	77.779	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.522	77	1288	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	70821	16.736	ng	# 79
25) Isophorone	7.457	82	510739	44.886	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	23604	8.904	ng	# 22
57) 2,4-Dinitrotoluene	9.933	165	23604	6.659	ng	# 26
67) 4-Bromophenyl-phenylether	10.722	248	12763	3.543	ng	# 1
77) Benzidine	13.010	184	12970	2.847	ng	# 93

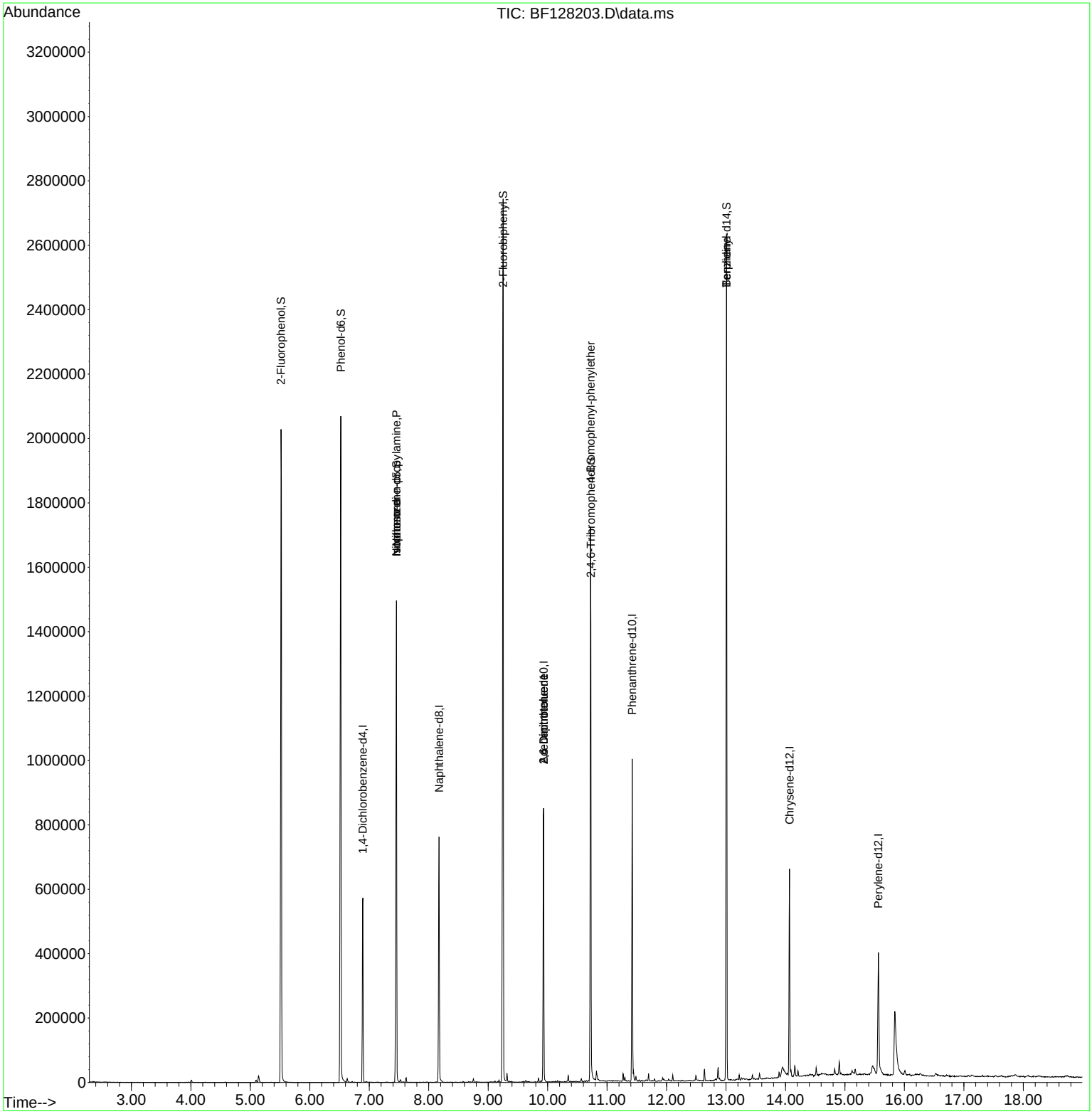
(#) = qualifier out of range (m) = manual integration (+) = signals summed

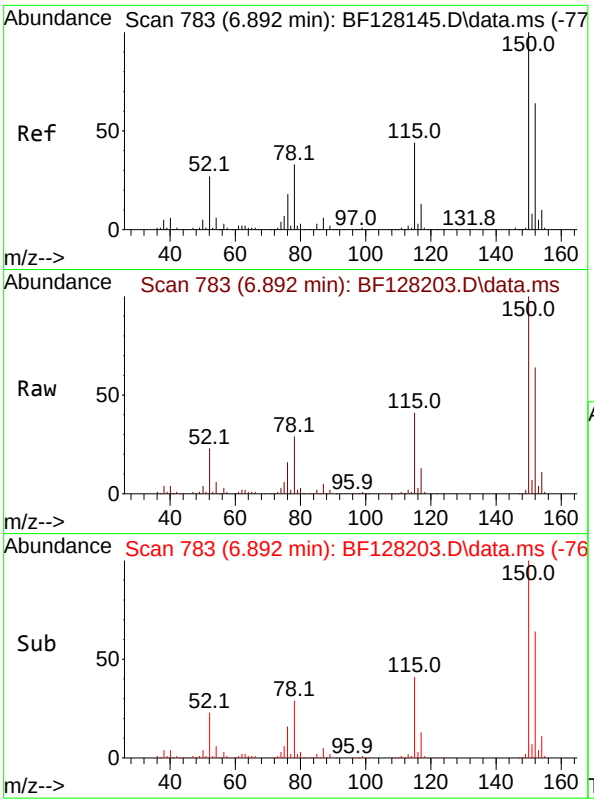
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
Data File : BF128203.D
Acq On : 11 May 2022 19:18
Operator : CG\JU
Sample : N2776-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CF-280MER-9-5

Quant Time: May 12 06:00:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 15:30:11 2022
Response via : Initial Calibration



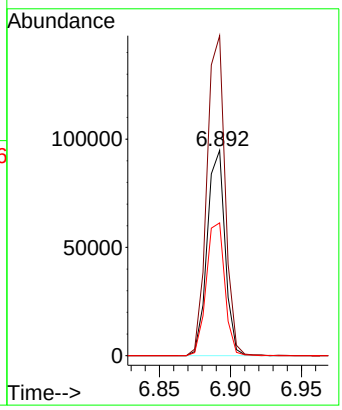


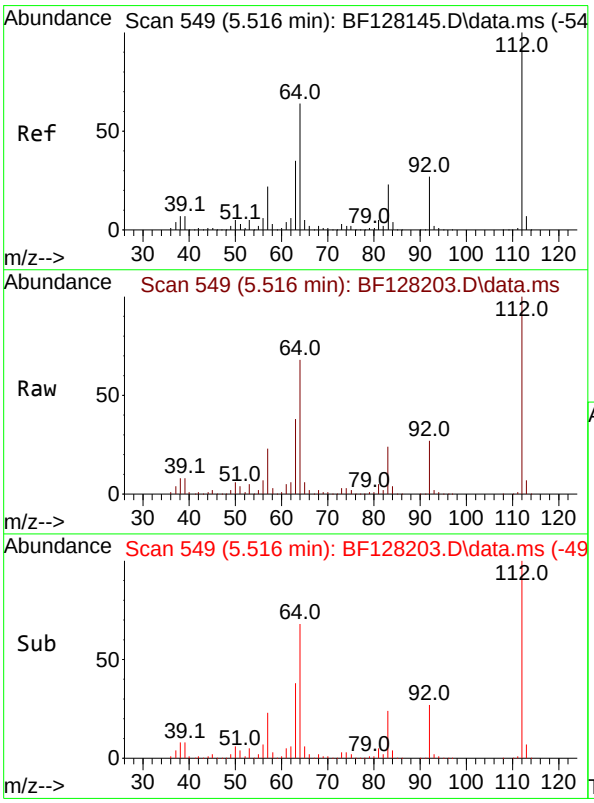
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF128203.D
Acq: 11 May 2022 19:18

Instrument :
BNA_F
ClientSampleId :
CF-280MER-9-5

Tgt Ion:152 Resp: 82819

Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.3	187.9
115	64.7	48.8	73.2

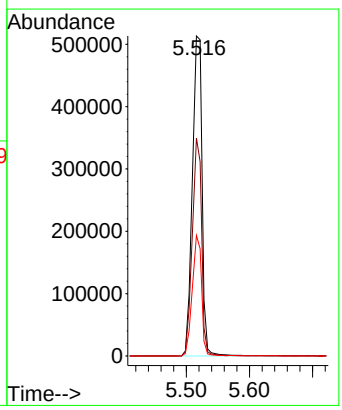


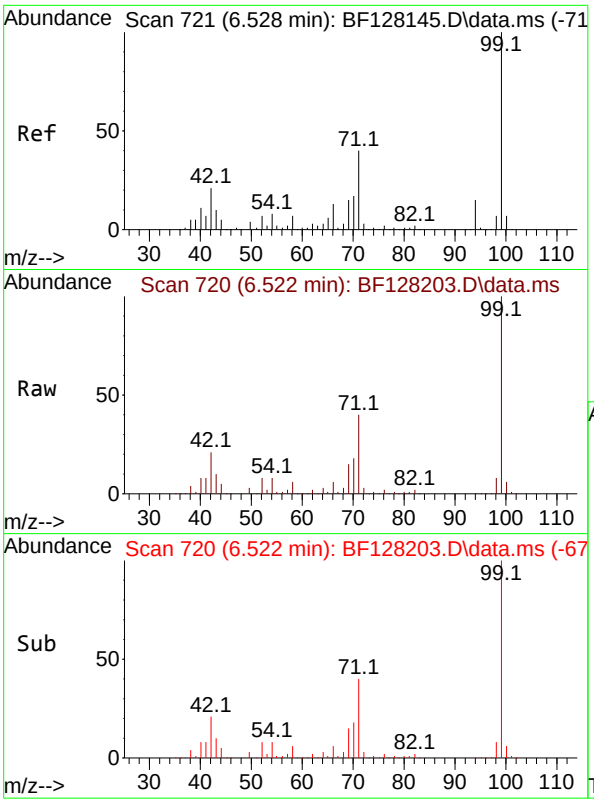


#5
2-Fluorophenol
Concen: 105.946 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.000 min
Lab File: BF128203.D
Acq: 11 May 2022 19:18

Tgt Ion:112 Resp: 550412

Ion	Ratio	Lower	Upper
112	100		
64	68.1	49.5	74.3
63	37.7	26.3	39.5



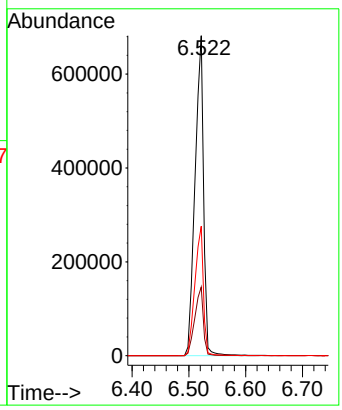


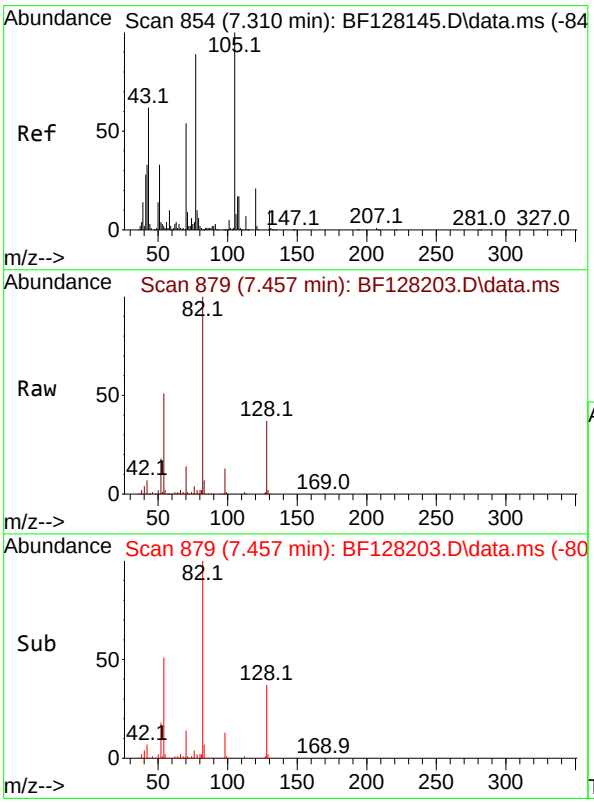
#7
Phenol-d6
Concen: 104.726 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF128203.D
Acq: 11 May 2022 19:18

Instrument :
BNA_F
ClientSampleId :
CF-280MER-9-5

Tgt Ion: 99 Resp: 719626

Ion	Ratio	Lower	Upper
99	100		
42	21.5	16.6	24.8
71	40.4	30.0	45.0

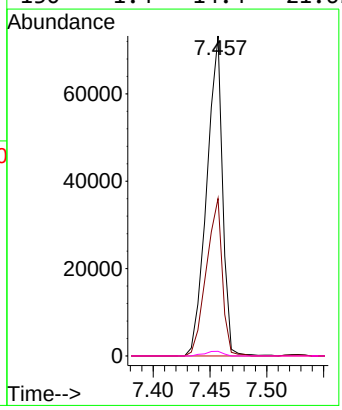


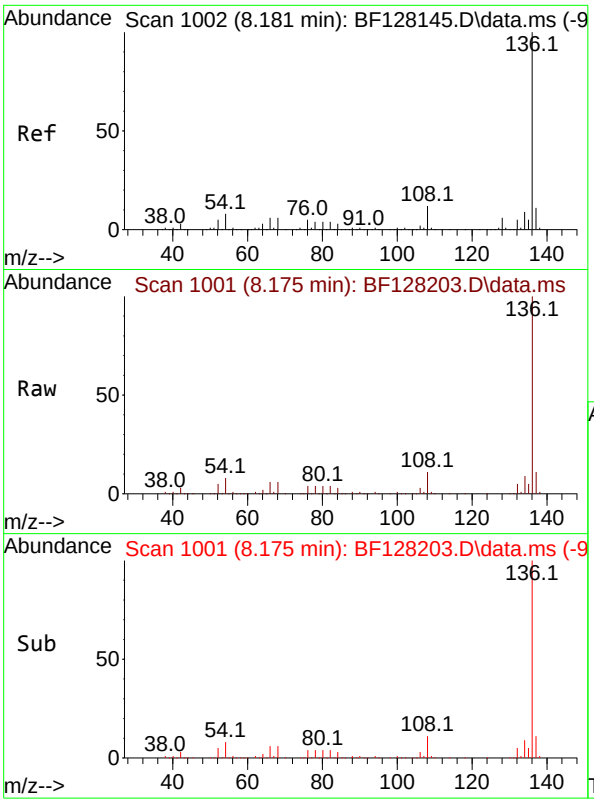


#19
n-Nitroso-di-n-propylamine
Concen: 16.736 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128203.D
Acq: 11 May 2022 19:18

Tgt Ion: 70 Resp: 70821

Ion	Ratio	Lower	Upper
70	100		
42	49.2	48.7	73.1
101	0.0	7.2	10.8#
130	1.4	14.4	21.6#



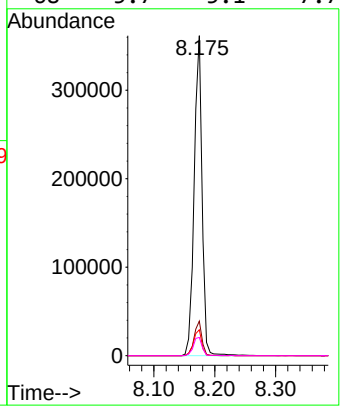


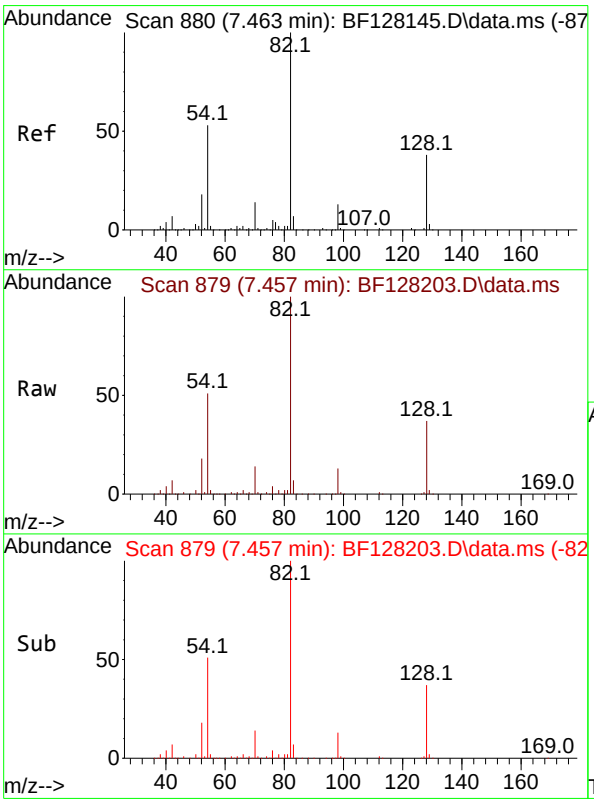
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128203.D
Acq: 11 May 2022 19:18

Instrument :
BNA_F
ClientSampleId :
CF-280MER-9-5

Tgt Ion:136 Resp: 326577

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.1	6.8	10.2
68	5.7	5.1	7.7

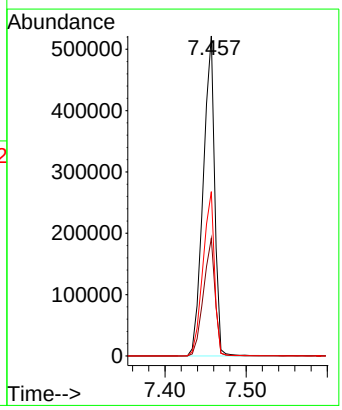


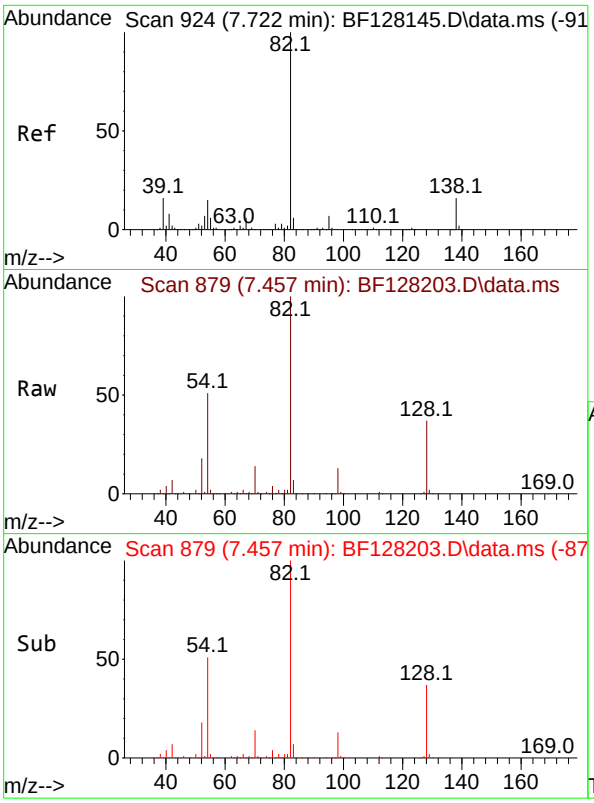


#23
Nitrobenzene-d5
Concen: 70.708 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128203.D
Acq: 11 May 2022 19:18

Tgt Ion: 82 Resp: 513188

Ion	Ratio	Lower	Upper
82	100		
128	36.8	30.0	45.0
54	51.3	41.3	61.9



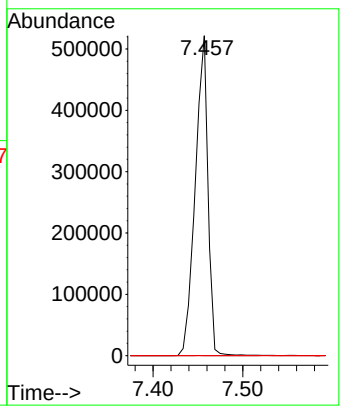


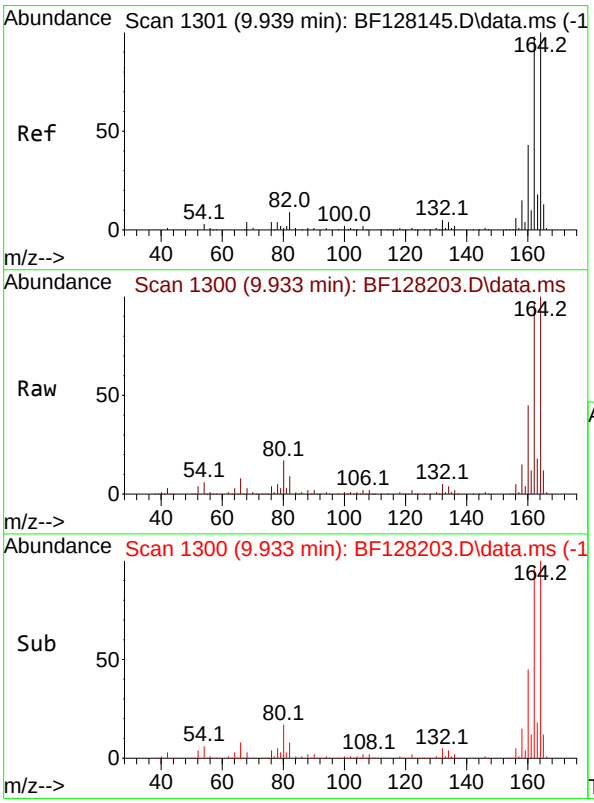
#25
Isophorone
Concen: 44.886 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF128203.D
Acq: 11 May 2022 19:18

Instrument :
BNA_F
ClientSampleId :
CF-280MER-9-5

Tgt Ion: 82 Resp: 510739

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	12.5	18.7#

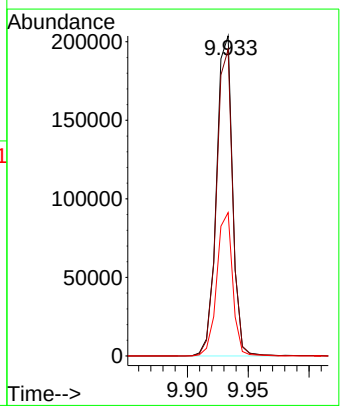


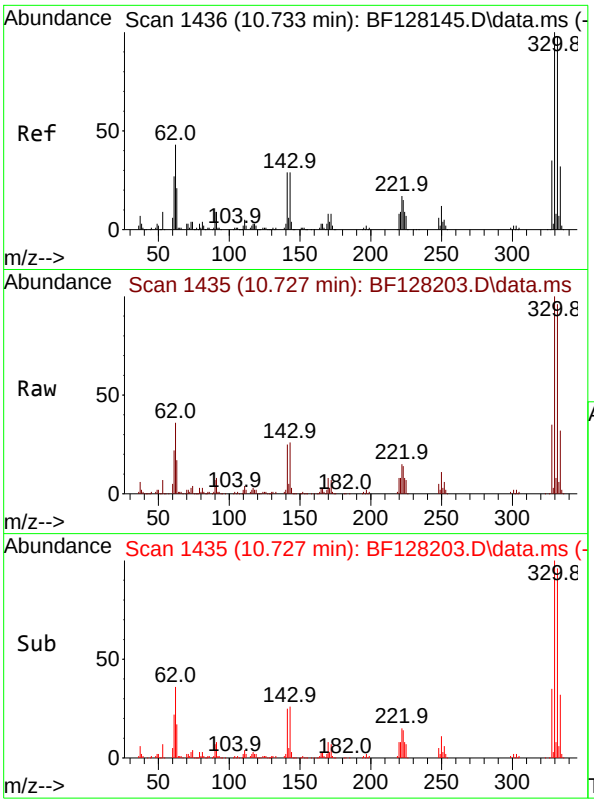


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128203.D
Acq: 11 May 2022 19:18

Tgt Ion:164 Resp: 187261

Ion	Ratio	Lower	Upper
164	100		
162	95.7	76.0	114.0
160	44.8	34.8	52.2



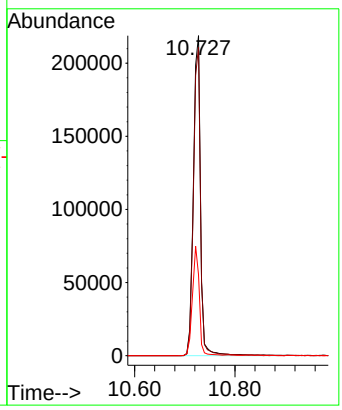


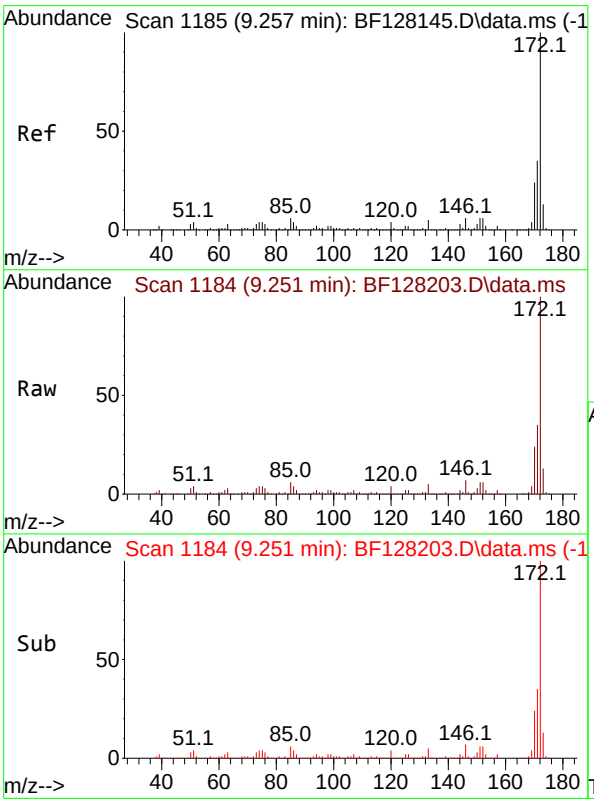
#42
2,4,6-Tribromophenol
Concen: 99.793 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF128203.D
Acq: 11 May 2022 19:18

Instrument :
BNA_F
ClientSampleId :
CF-280MER-9-5

Tgt Ion:330 Resp: 214320

Ion	Ratio	Lower	Upper
330	100		
332	95.6	79.0	118.4
141	32.9	28.9	43.3

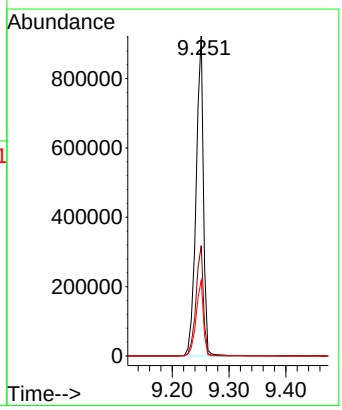


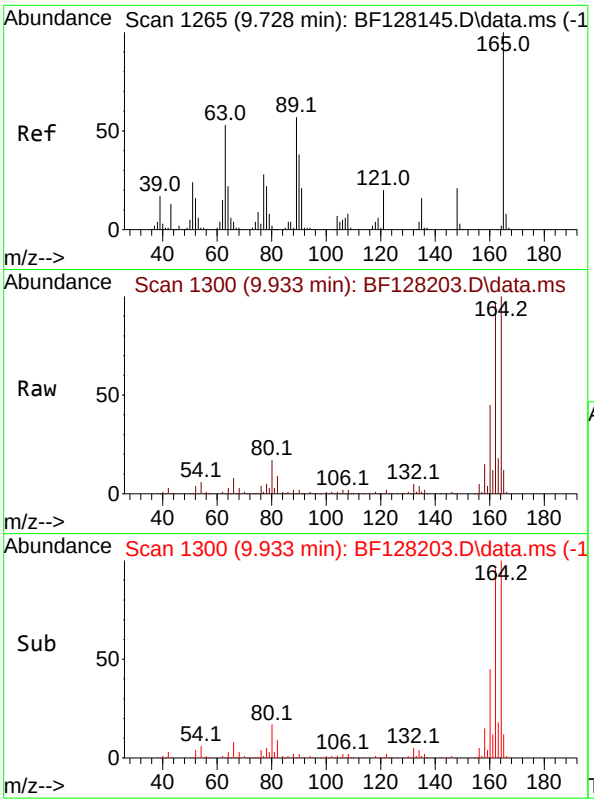


#45
2-Fluorobiphenyl
Concen: 70.384 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF128203.D
Acq: 11 May 2022 19:18

Tgt Ion:172 Resp: 842353

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.6	42.8
170	23.6	19.1	28.7



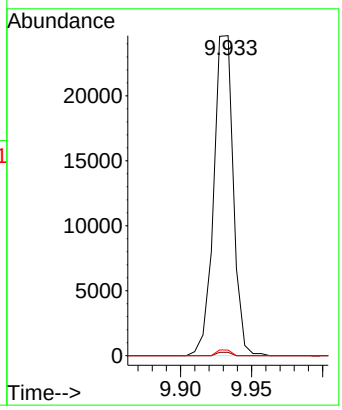


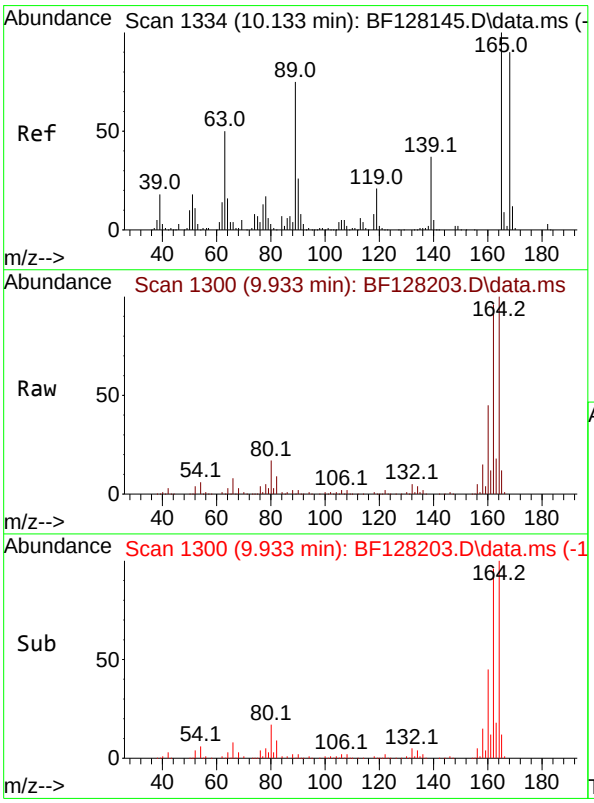
#51
2,6-Dinitrotoluene
Concen: 8.904 ng
RT: 9.933 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF128203.D
Acq: 11 May 2022 19:18

Instrument :
BNA_F
ClientSampleId :
CF-280MER-9-5

Tgt Ion:165 Resp: 23604

Ion	Ratio	Lower	Upper
165	100		
63	1.0	49.5	74.3#
89	1.7	49.0	73.4#

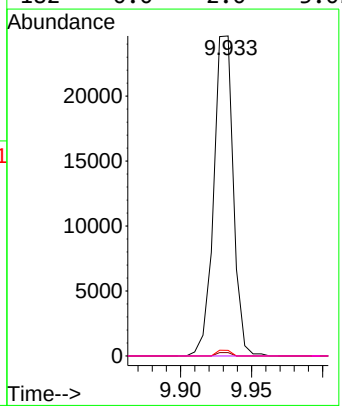


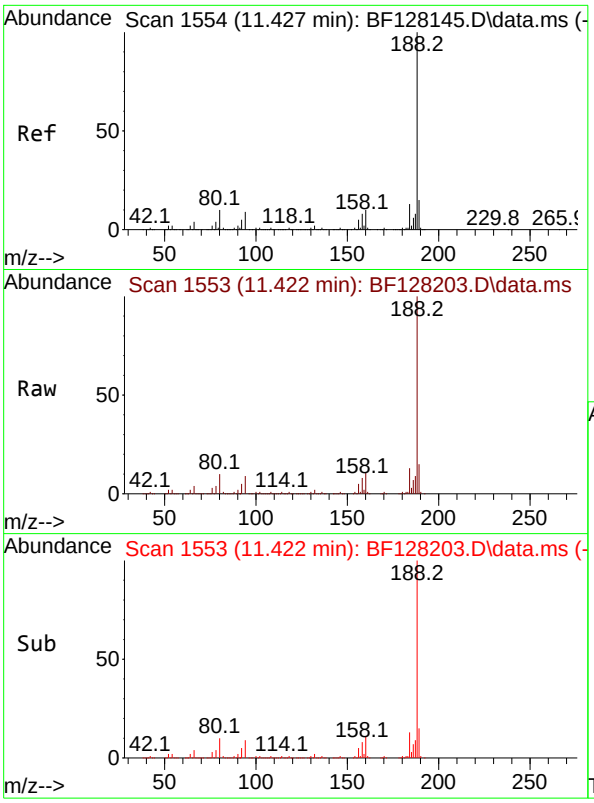


#57
2,4-Dinitrotoluene
Concen: 6.659 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.200 min
Lab File: BF128203.D
Acq: 11 May 2022 19:18

Tgt Ion:165 Resp: 23604

Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.6	49.0#
89	1.7	55.2	82.8#
182	0.0	2.0	3.0#



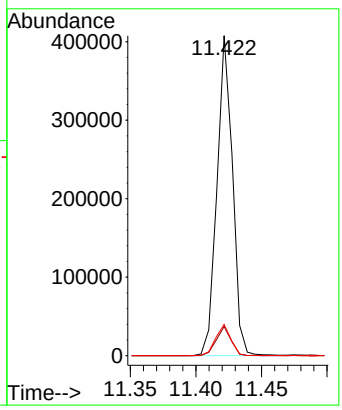


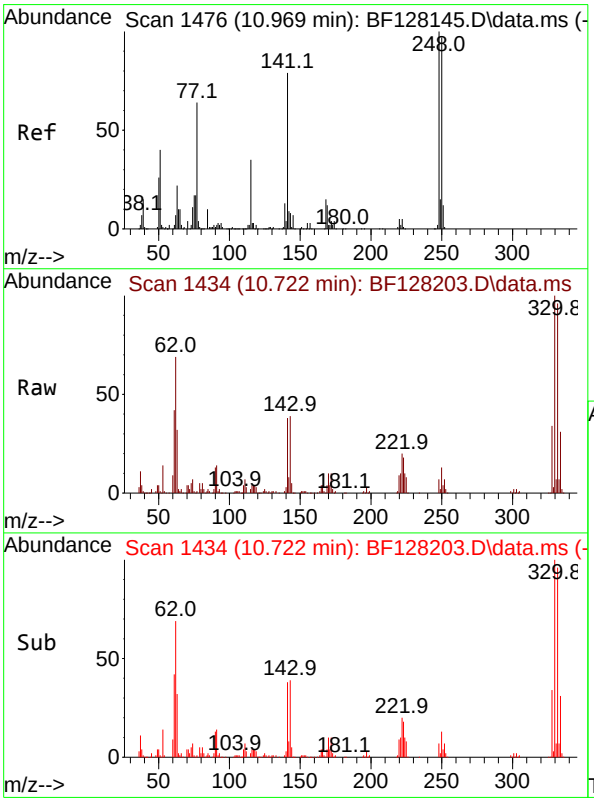
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128203.D
Acq: 11 May 2022 19:18

Instrument :
BNA_F
ClientSampleId :
CF-280MER-9-5

Tgt Ion:188 Resp: 334814

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.0	12.0
80	9.8	8.9	13.3

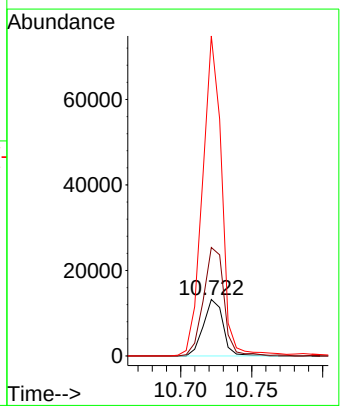


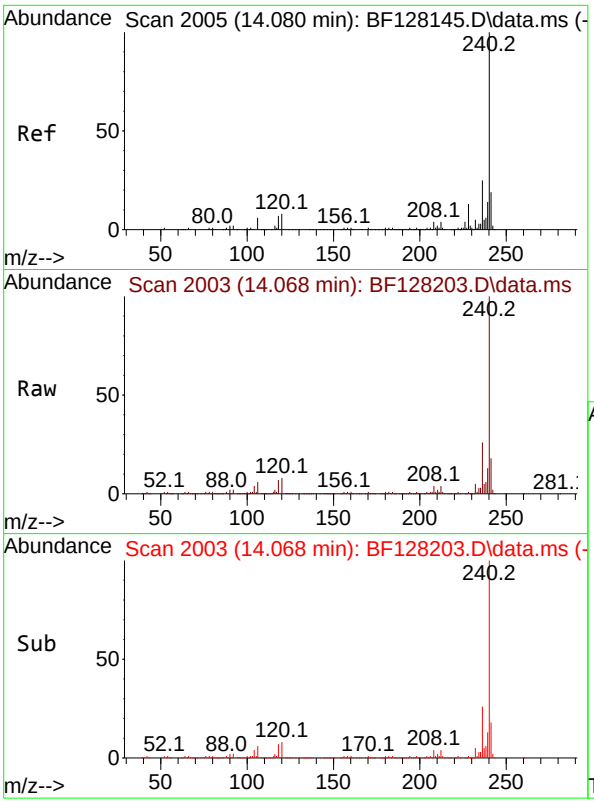


#67
4-Bromophenyl-phenylether
Concen: 3.543 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.247 min
Lab File: BF128203.D
Acq: 11 May 2022 19:18

Tgt Ion:248 Resp: 12763

Ion	Ratio	Lower	Upper
248	100		
250	192.3	77.7	116.5#
141	567.0	65.6	98.4#



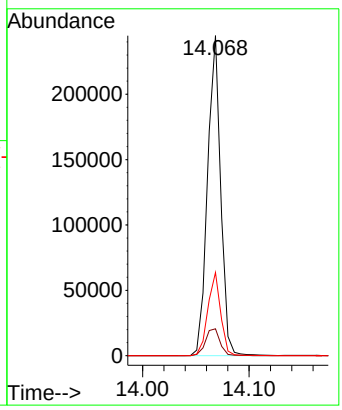


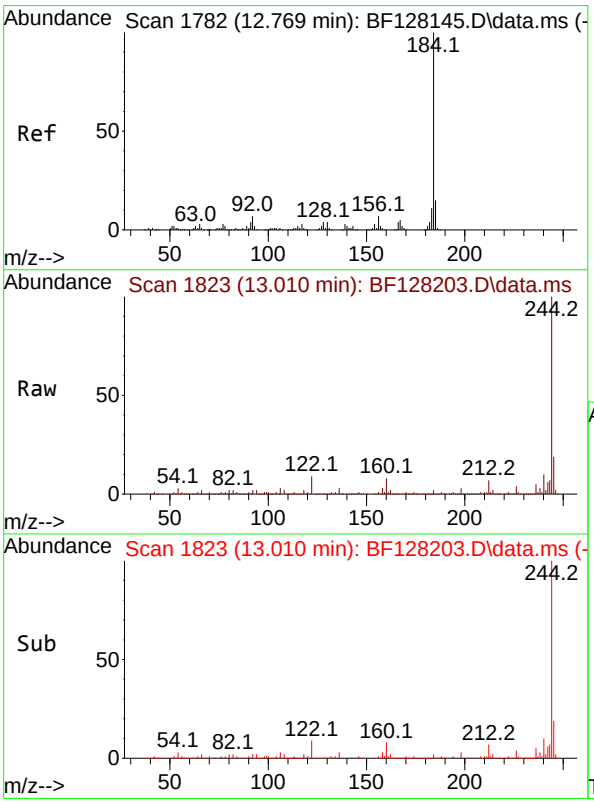
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BF128203.D
Acq: 11 May 2022 19:18

Instrument :
BNA_F
ClientSampleId :
CF-280MER-9-5

Tgt Ion:240 Resp: 210376

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.0	10.6
236	26.0	20.3	30.5

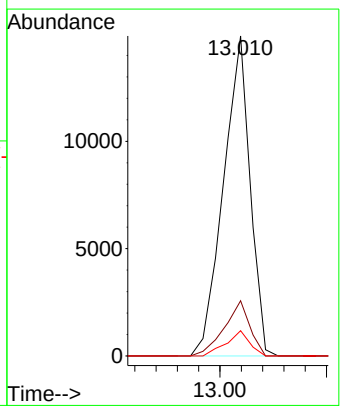


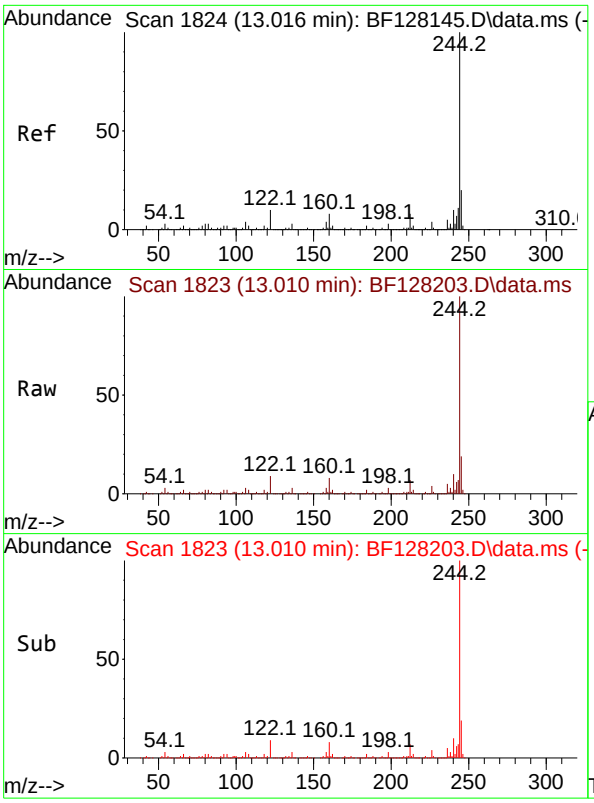


#77
Benzidine
Concen: 2.847 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.241 min
Lab File: BF128203.D
Acq: 11 May 2022 19:18

Tgt Ion:184 Resp: 12970

Ion	Ratio	Lower	Upper
184	100		
185	17.3	12.1	18.1
183	7.9	9.0	13.4#



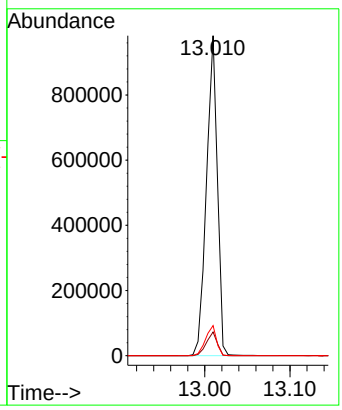


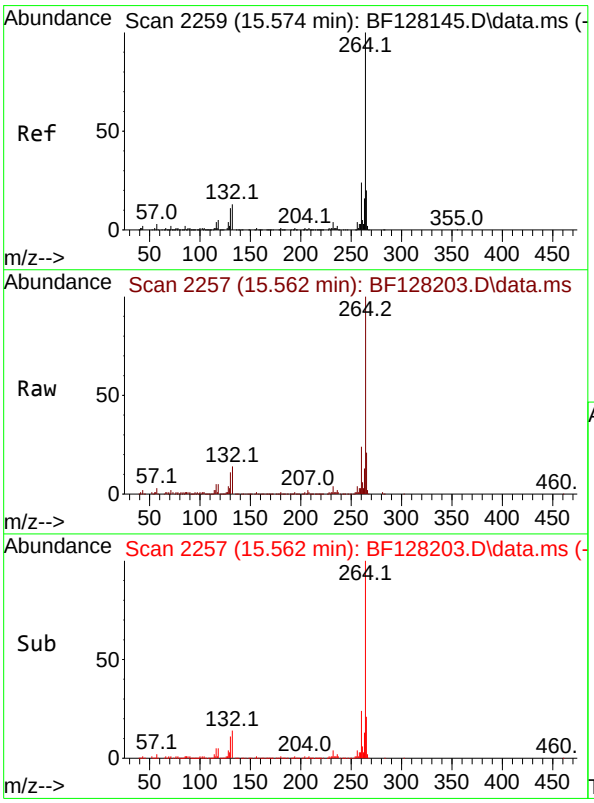
#79
Terphenyl-d14
Concen: 77.779 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128203.D
Acq: 11 May 2022 19:18

Instrument :
BNA_F
ClientSampleId :
CF-280MER-9-5

Tgt Ion:244 Resp: 872027

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.4
122	9.4	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF128203.D
Acq: 11 May 2022 19:18

Tgt Ion:264 Resp: 166593

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.1	30.1
265	20.6	17.5	26.3