Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
Data File : BF128198.D
Acq On : 11 May 2022 16:52
Operator : CG\JU
Sample : N2775-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-35D

Quant Time: May 12 06:00:25 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	83365	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	321466	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	188872	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	360621	20.000	ng	0.00
76) Chrysene-d12	14.068	240	285265	20.000	ng	-0.01
86) Perylene-d12	15.568	264	214159	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	524930	100.379	ng	0.00
7) Phenol-d6	6.522	99	680292	98.354	ng	0.00
23) Nitrobenzene-d5	7.457	82	491718	68.827	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	215795	99.622	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	832280	68.949	ng	0.00
79) Terphenyl-d14	13.010	244	1018768	67.013	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.522	77	1269	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	66375	15.583	ng	# 79
25) Isophorone	7.457	82	489791	43.730	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	24287	9.084	ng	# 21
57) 2,4-Dinitrotoluene	9.933	165	24287	6.793	ng	# 25
67) 4-Bromophenyl-phenylether	10.728	248	12882	3.320	ng	# 1
77) Benzidine	13.010	184	14581	2.360	ng	# 95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
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Acq On : 11 May 2022 16:52
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Sample : N2775-04
Misc :
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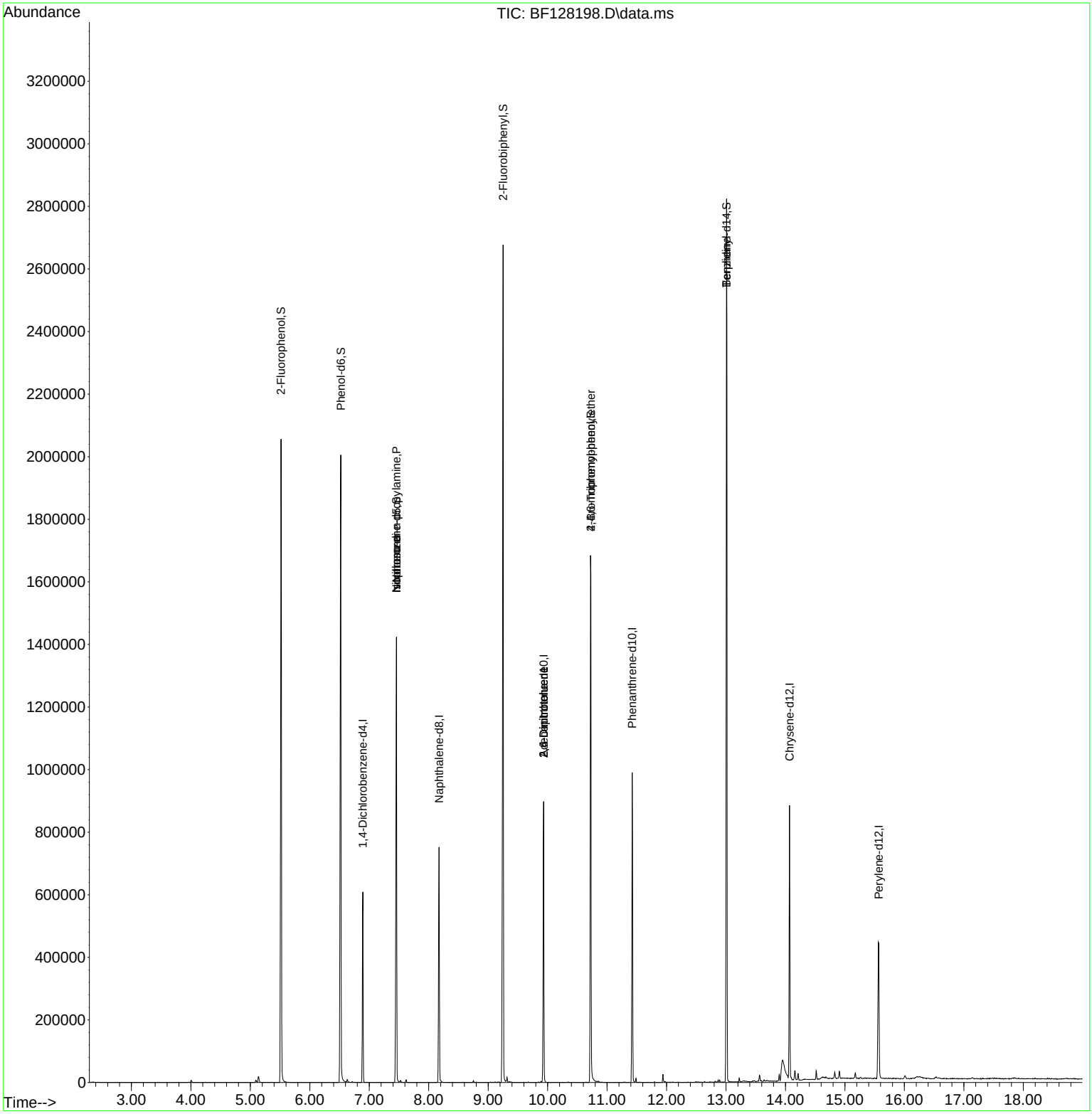
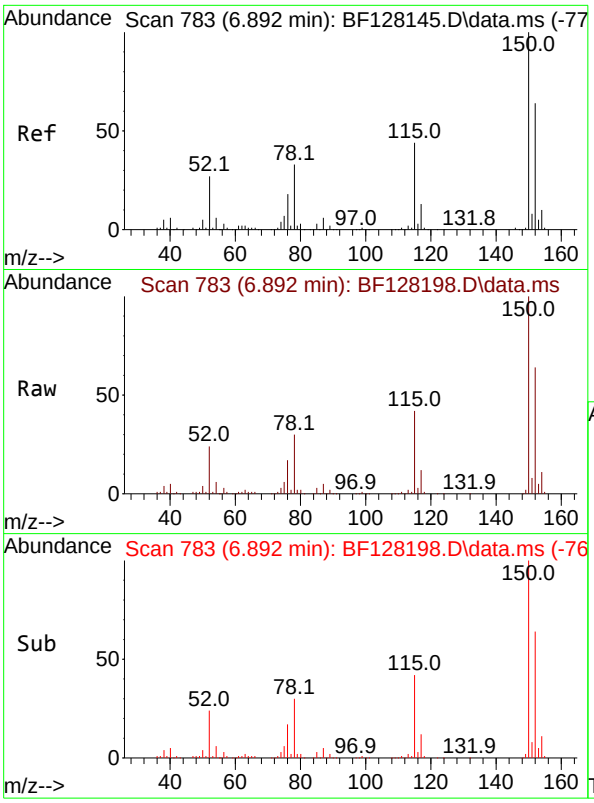


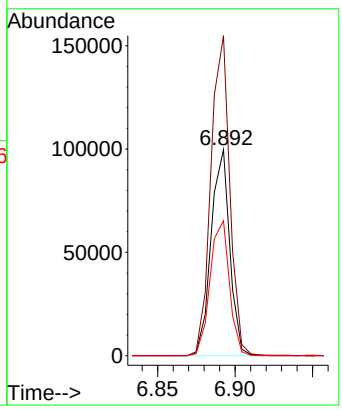


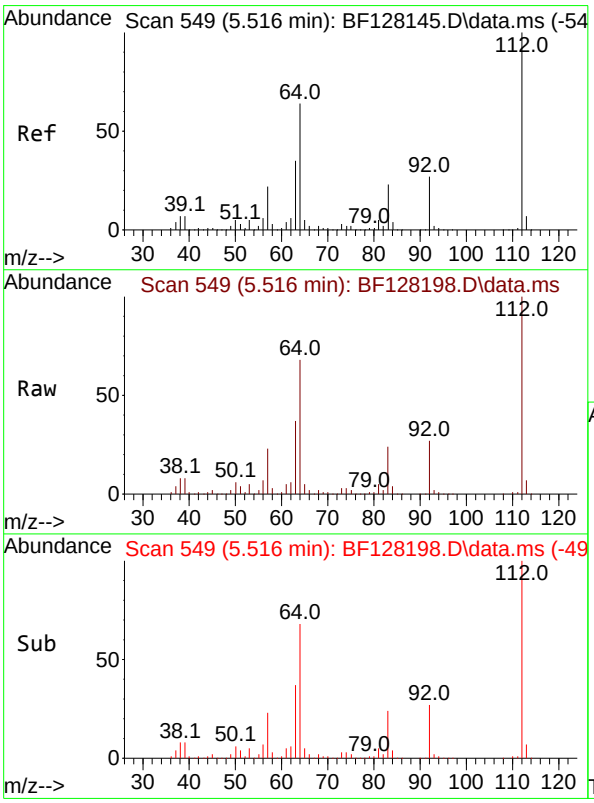
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

Instrument :
BNA_F
ClientSampleId :
MH-35D

Tgt Ion:152 Resp: 83365

Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.3	187.9
115	65.4	48.8	73.2

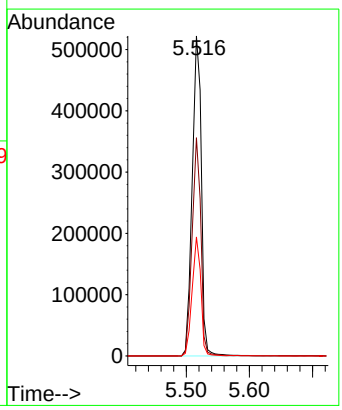


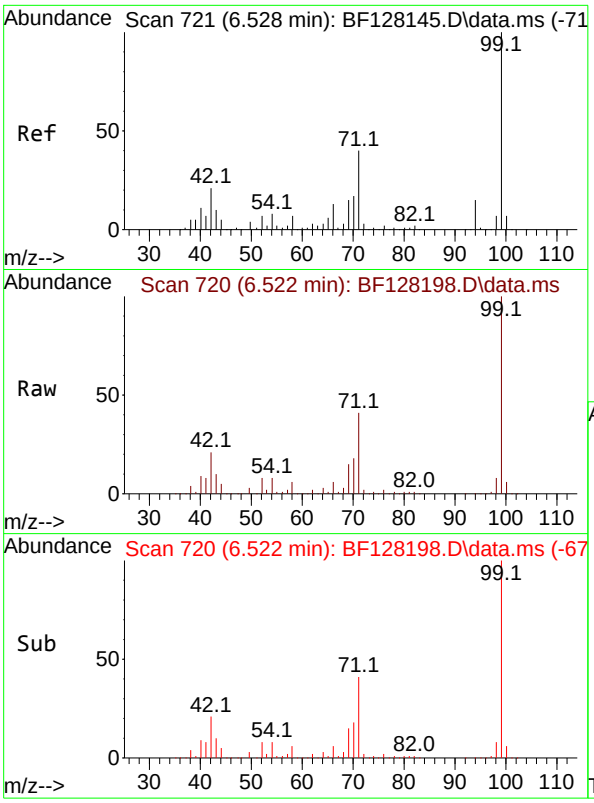


#5
2-Fluorophenol
Concen: 100.379 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.000 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

Tgt Ion:112 Resp: 524930

Ion	Ratio	Lower	Upper
112	100		
64	68.2	49.5	74.3
63	37.2	26.3	39.5



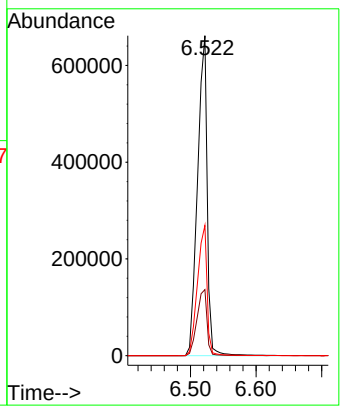


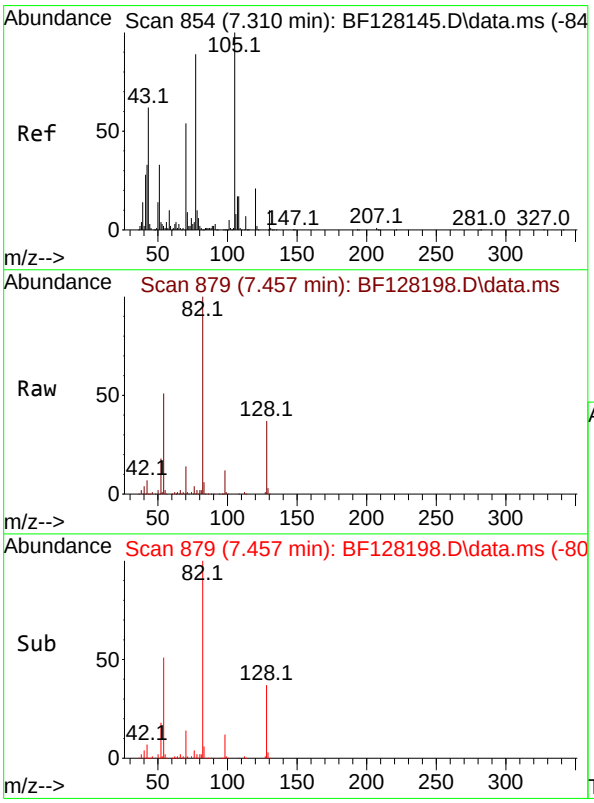
#7
Phenol-d6
Concen: 98.354 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

Instrument :
BNA_F
ClientSampleId :
MH-35D

Tgt Ion: 99 Resp: 680292

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.6	24.8
71	40.7	30.0	45.0

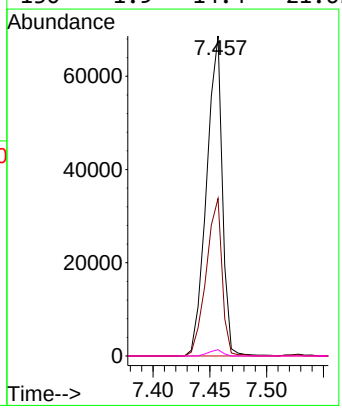


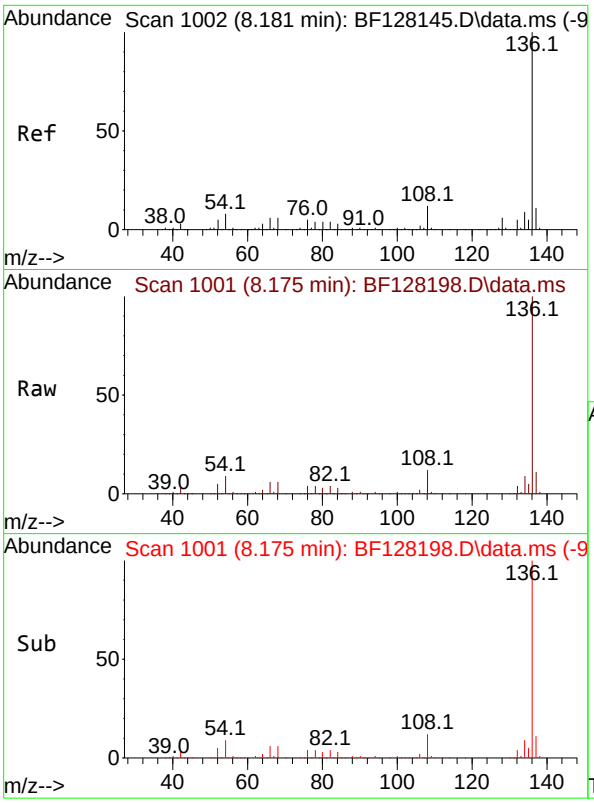


#19
n-Nitroso-di-n-propylamine
Concen: 15.583 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

Tgt Ion: 70 Resp: 66375

Ion	Ratio	Lower	Upper
70	100		
42	49.2	48.7	73.1
101	0.0	7.2	10.8#
130	1.9	14.4	21.6#



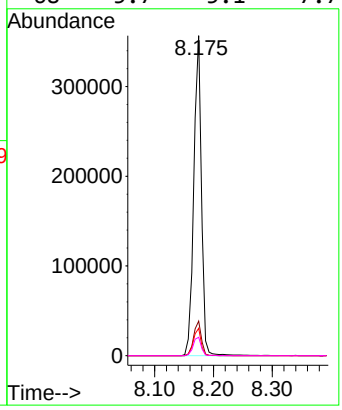


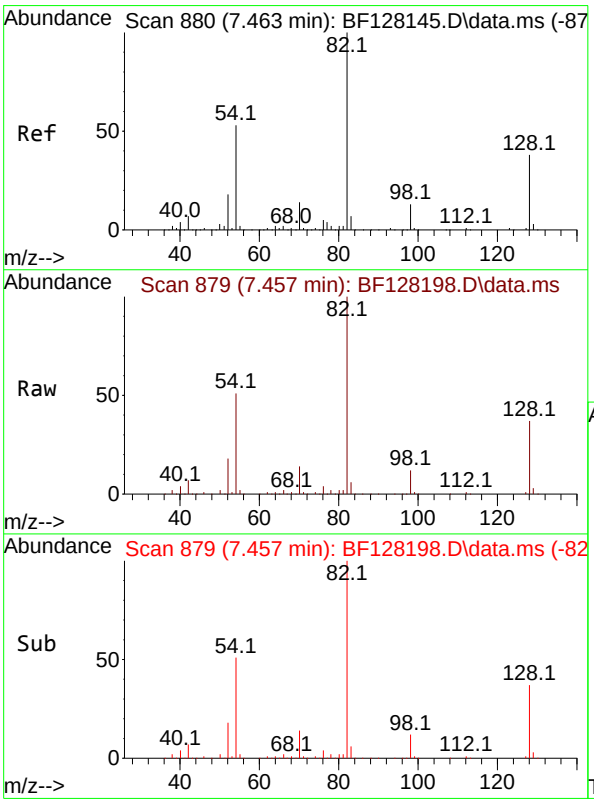
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

Instrument :
BNA_F
ClientSampleId :
MH-35D

Tgt Ion:136 Resp: 321466

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.5	6.8	10.2
68	5.7	5.1	7.7

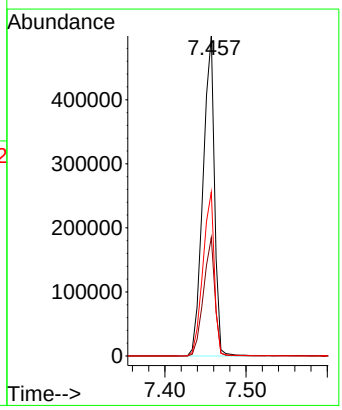


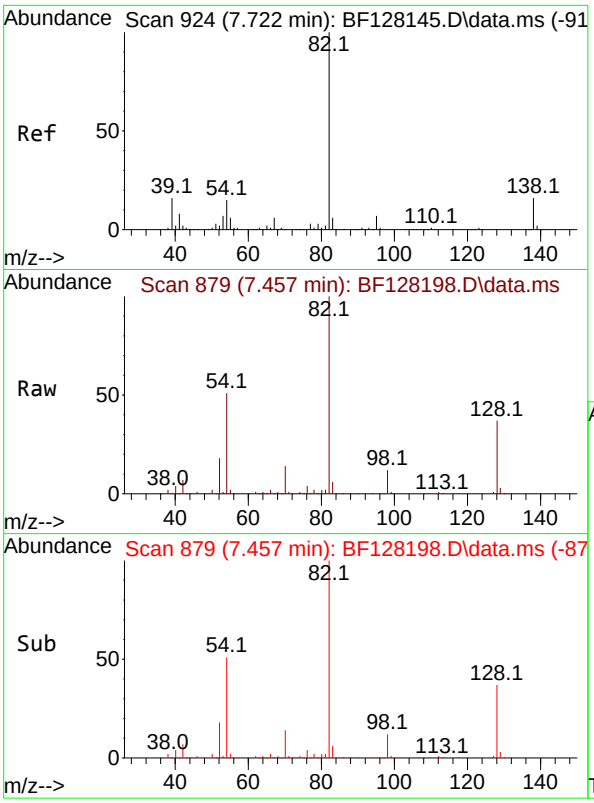


#23
Nitrobenzene-d5
Concen: 68.827 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

Tgt Ion: 82 Resp: 491718

Ion	Ratio	Lower	Upper
82	100		
128	37.0	30.0	45.0
54	51.3	41.3	61.9



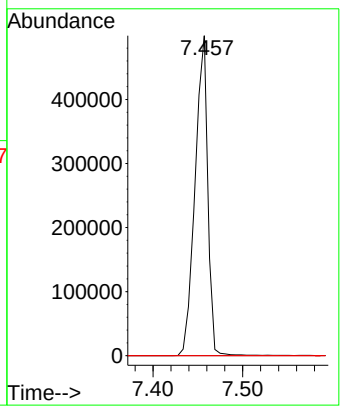


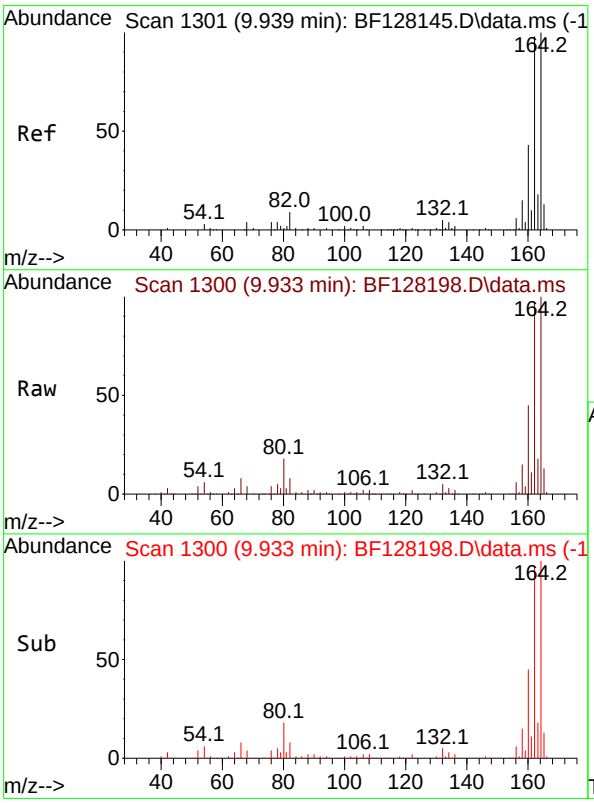
#25
Isophorone
Concen: 43.730 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

Instrument :
BNA_F
ClientSampleId :
MH-35D

Tgt Ion: 82 Resp: 489791

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

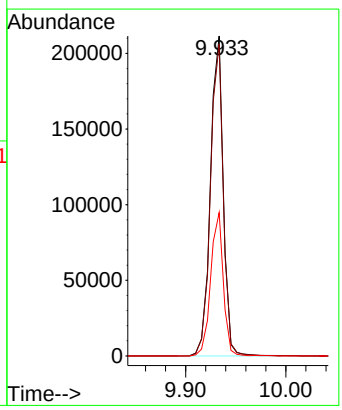


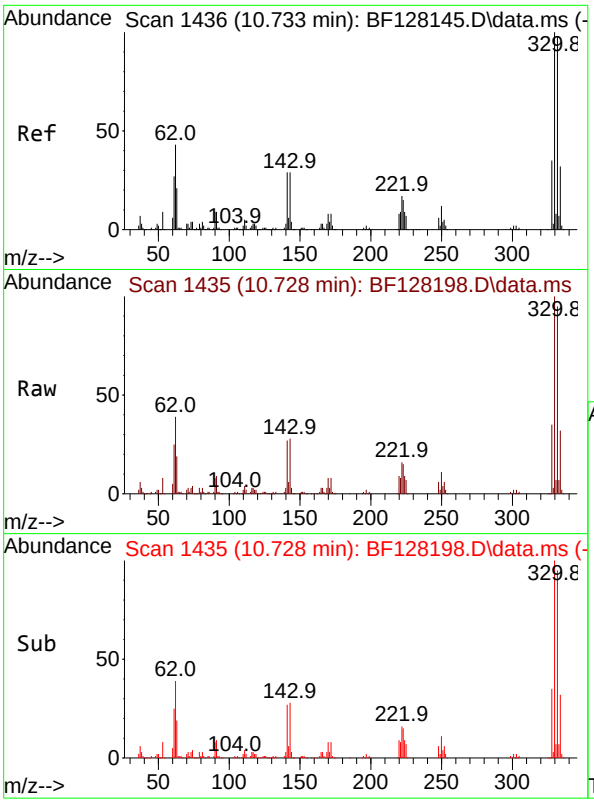


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

Tgt Ion:164 Resp: 188872

Ion	Ratio	Lower	Upper
164	100		
162	97.5	76.0	114.0
160	44.8	34.8	52.2



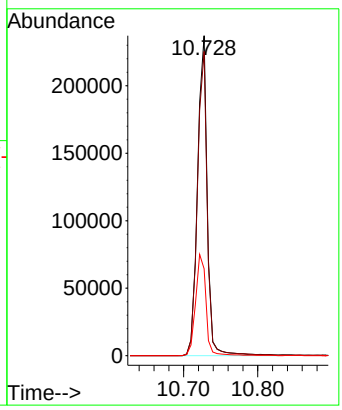


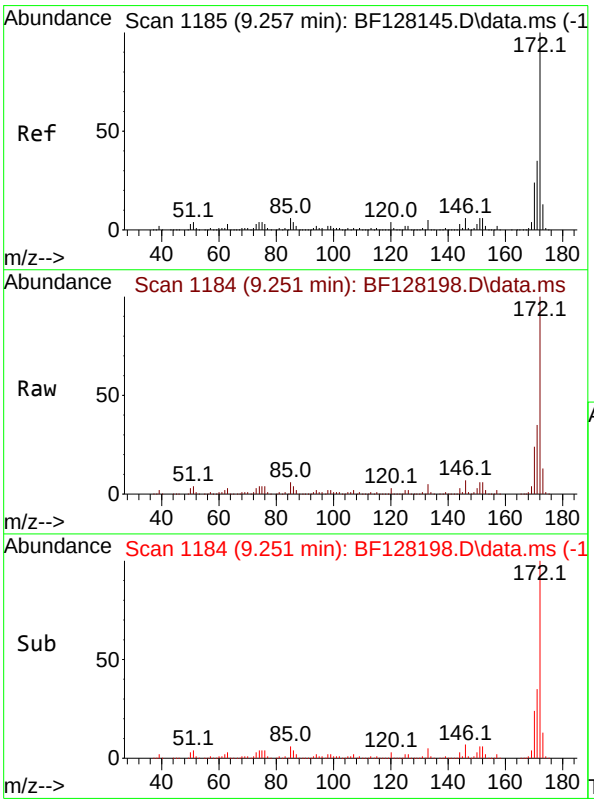
#42
2,4,6-Tribromophenol
Concen: 99.622 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

Instrument :
BNA_F
ClientSampleId :
MH-35D

Tgt Ion:330 Resp: 215795

Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.0	118.4
141	33.8	28.9	43.3

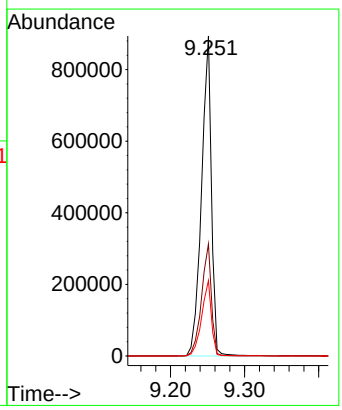


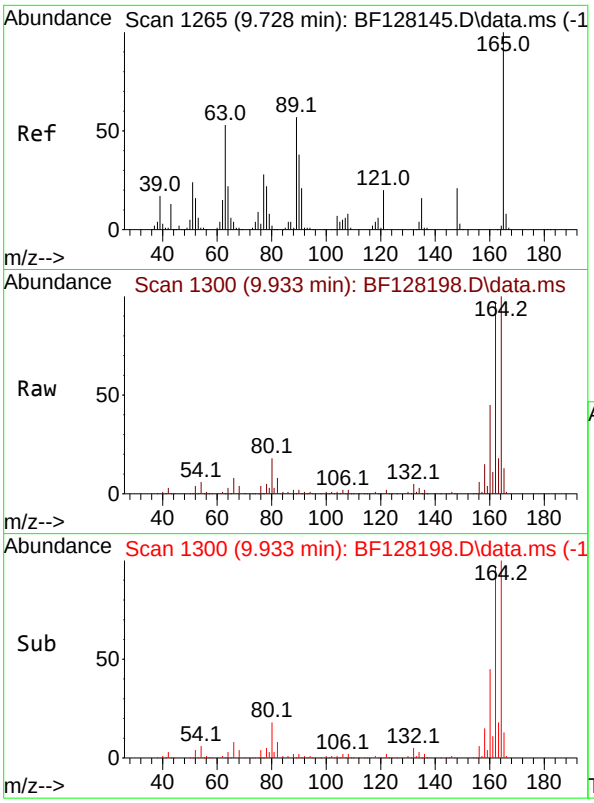


#45
2-Fluorobiphenyl
Concen: 68.949 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

Tgt Ion:172 Resp: 832280

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.5	19.1	28.7



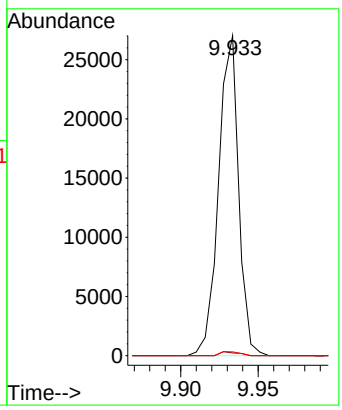


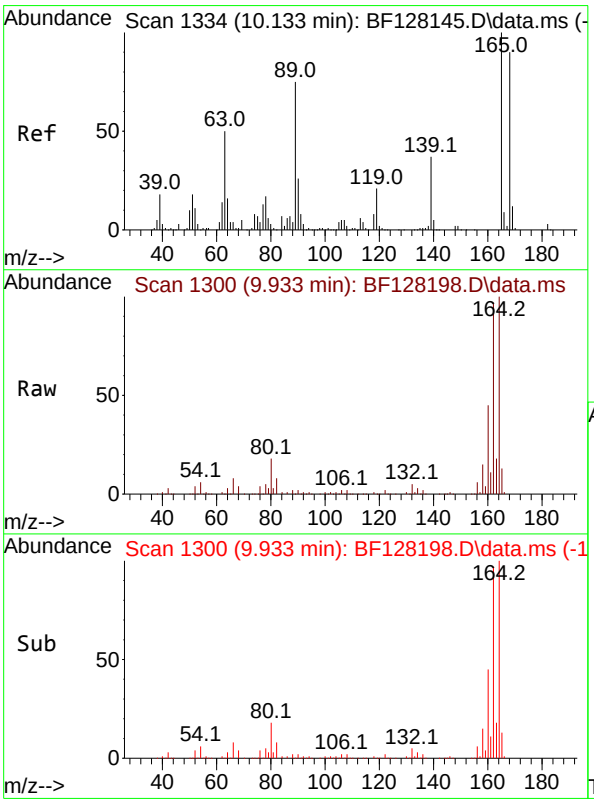
#51
2,6-Dinitrotoluene
Concen: 9.084 ng
RT: 9.933 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

Instrument :
BNA_F
ClientSampleId :
MH-35D

Tgt Ion:165 Resp: 24287

Ion	Ratio	Lower	Upper
165	100		
63	0.9	49.5	74.3#
89	1.2	49.0	73.4#

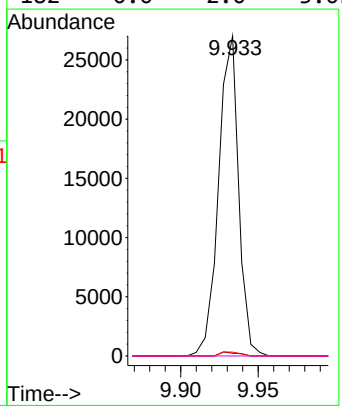


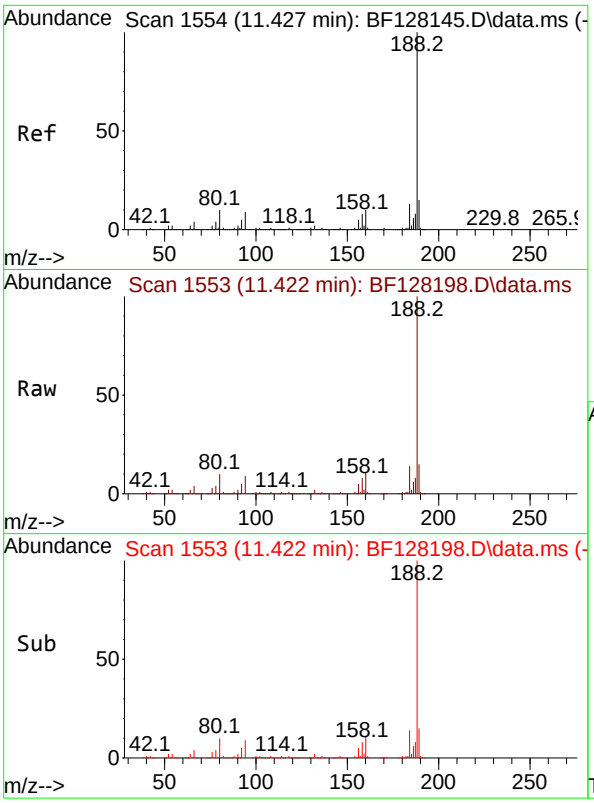


#57
2,4-Dinitrotoluene
Concen: 6.793 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.200 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

Tgt Ion:165 Resp: 24287

Ion	Ratio	Lower	Upper
165	100		
63	0.9	32.6	49.0#
89	1.2	55.2	82.8#
182	0.0	2.0	3.0#



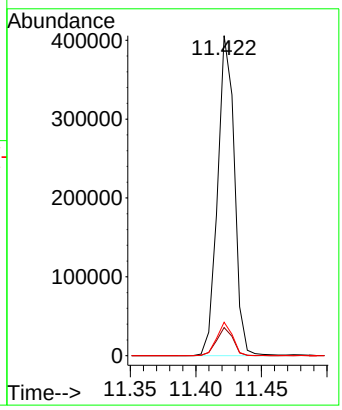


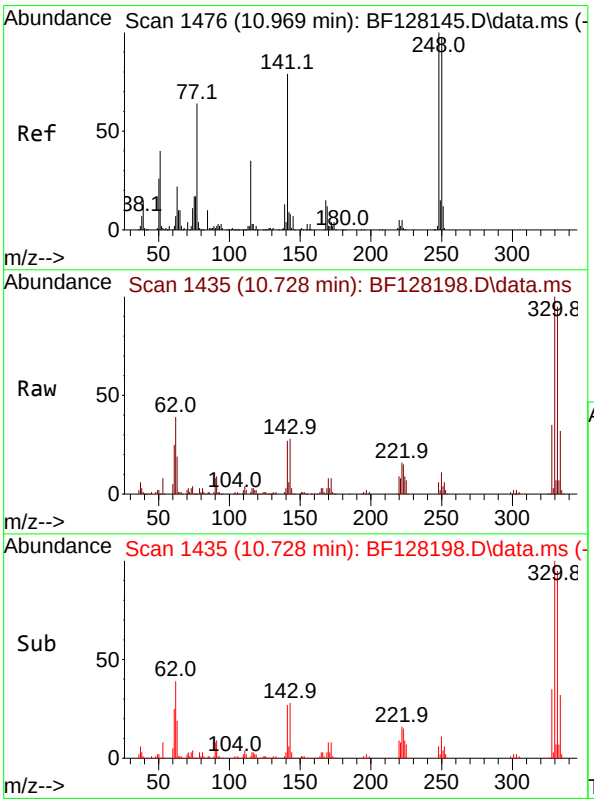
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

Instrument :
BNA_F
ClientSampleId :
MH-35D

Tgt Ion:188 Resp: 360621

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.0	12.0
80	10.5	8.9	13.3

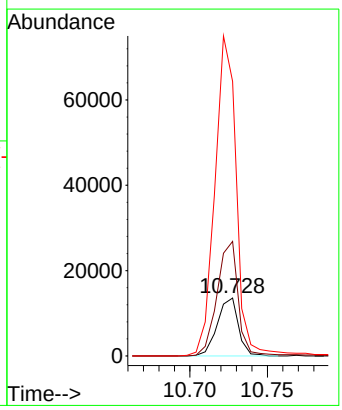


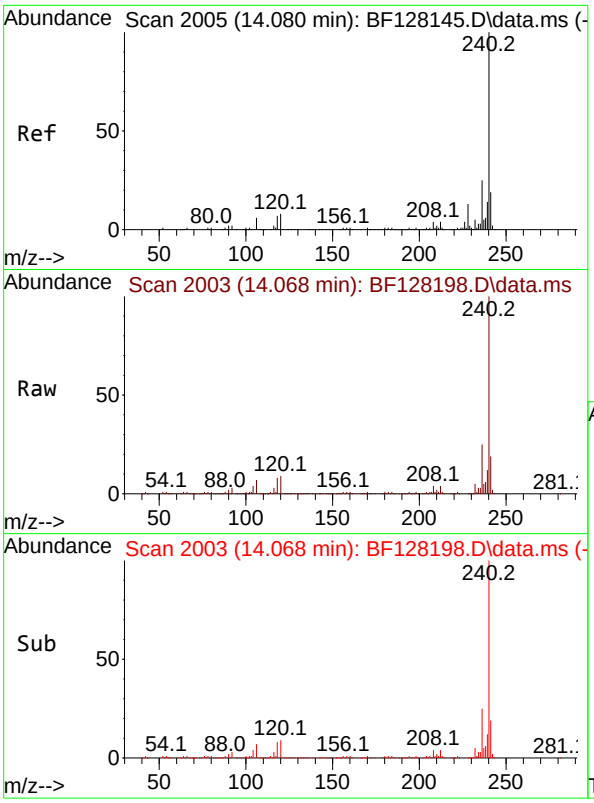


#67
4-Bromophenyl-phenylether
Concen: 3.320 ng
RT: 10.728 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

Tgt Ion:248 Resp: 12882

Ion	Ratio	Lower	Upper
248	100		
250	197.8	77.7	116.5#
141	474.1	65.6	98.4#



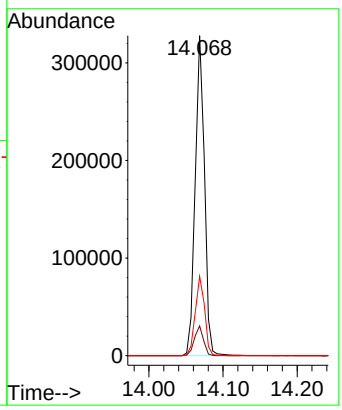


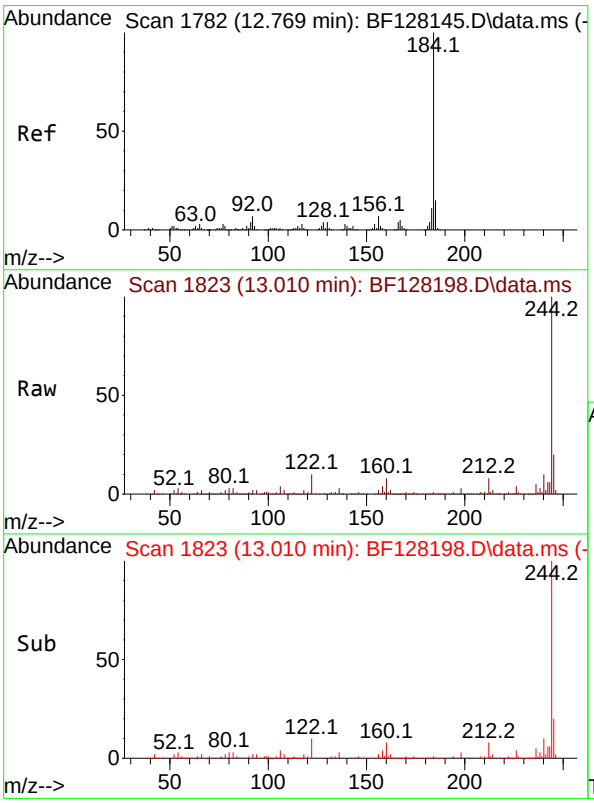
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

Instrument :
BNA_F
ClientSampleId :
MH-35D

Tgt Ion:240 Resp: 285265

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.0	10.6
236	24.8	20.3	30.5

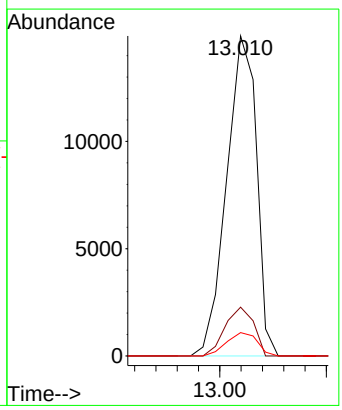


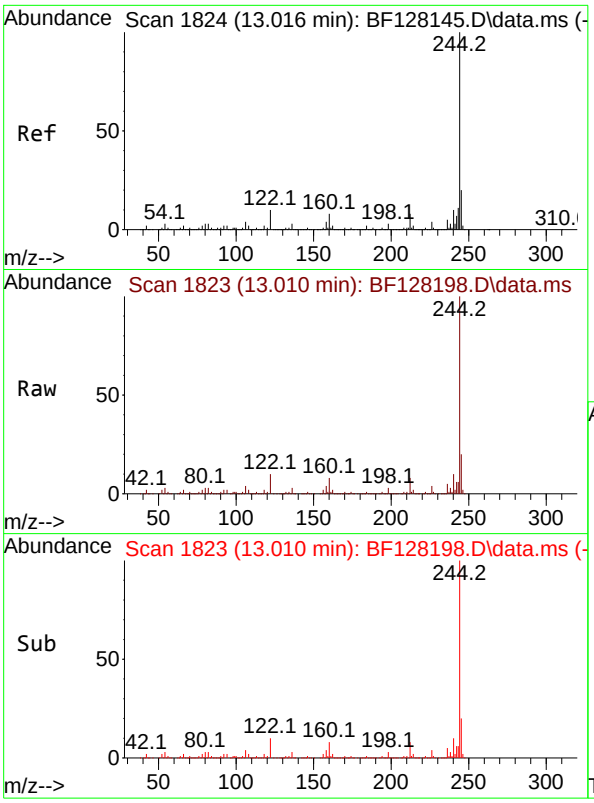


#77
Benzidine
Concen: 2.360 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.241 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

Tgt Ion:184 Resp: 14581

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.1	18.1
183	7.3	9.0	13.4#



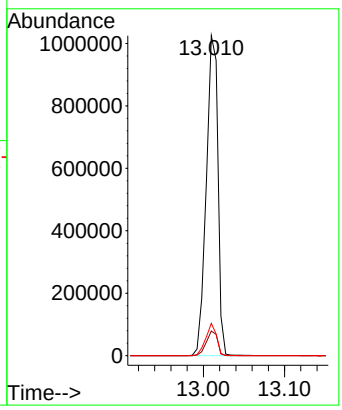


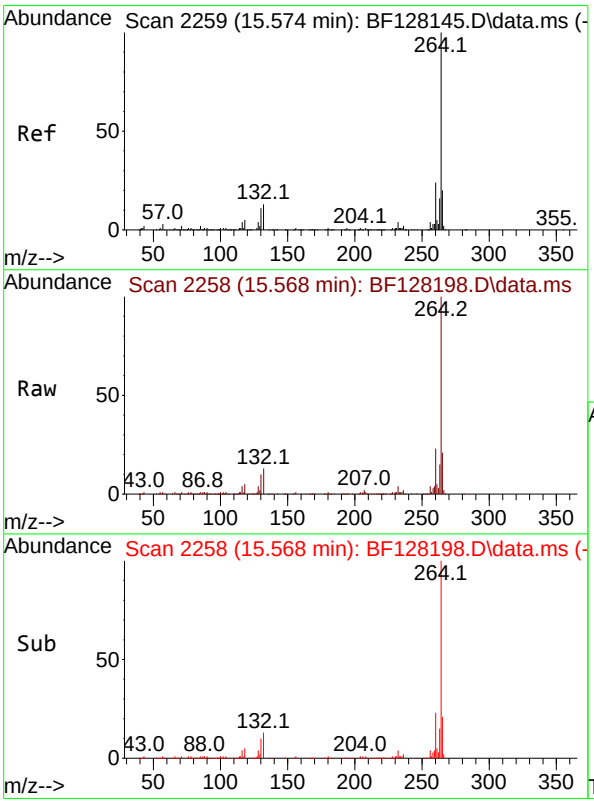
#79
Terphenyl-d14
Concen: 67.013 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

Instrument :
BNA_F
ClientSampleId :
MH-35D

Tgt Ion:244 Resp: 1018768

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.4
122	10.1	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

Tgt Ion:264 Resp: 214159

Ion	Ratio	Lower	Upper
264	100		
260	22.5	20.1	30.1
265	21.2	17.5	26.3