Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128164.D
Acq On : 10 May 2022 17:09
Operator : CG\JU
Sample : N2745-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-31S

Quant Time: May 11 04:00:37 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	77798	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	301318	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	175389	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	312850	20.000	ng	0.00
76) Chrysene-d12	14.068	240	182879	20.000	ng	-0.01
86) Perylene-d12	15.563	264	177724	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	651795	133.557	ng	0.01
7) Phenol-d6	6.522	99	770044	119.296	ng	0.00
23) Nitrobenzene-d5	7.457	82	668746	99.866	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	285653	142.010	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1119168	99.844	ng	0.00
79) Terphenyl-d14	13.016	244	1196334	122.749	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.522	77	1353	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	91016	22.897	ng	# 79
25) Isophorone	7.457	82	667669	63.597	ng	# 68
51) 2,6-Dinitrotoluene	9.928	165	22840	9.199	ng	# 22
57) 2,4-Dinitrotoluene	9.928	165	22840	6.880	ng	# 26
67) 4-Bromophenyl-phenylether	10.728	248	17636	5.240	ng	# 1
77) Benzidine	13.010	184	17851	4.507	ng	# 93

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

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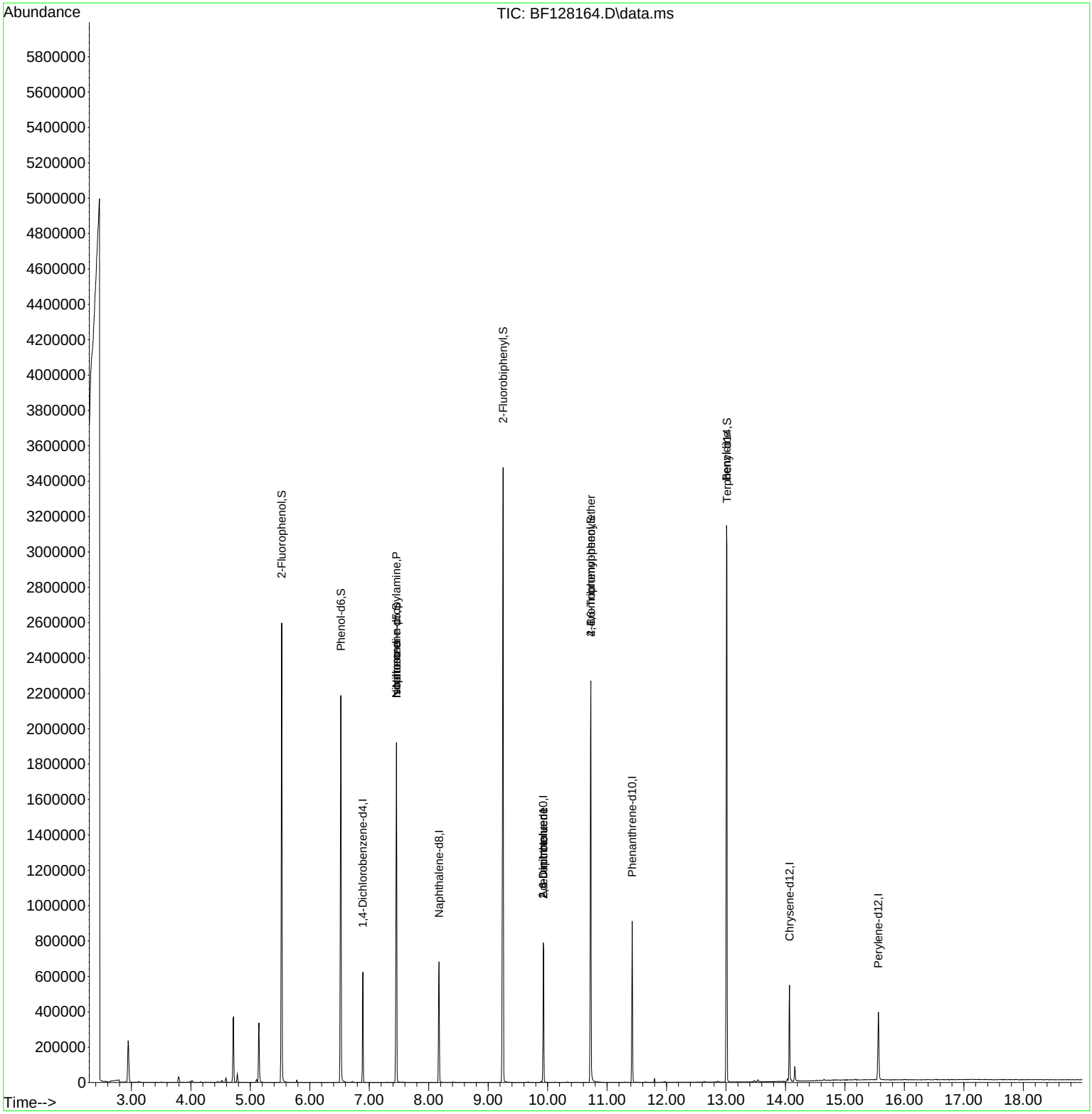
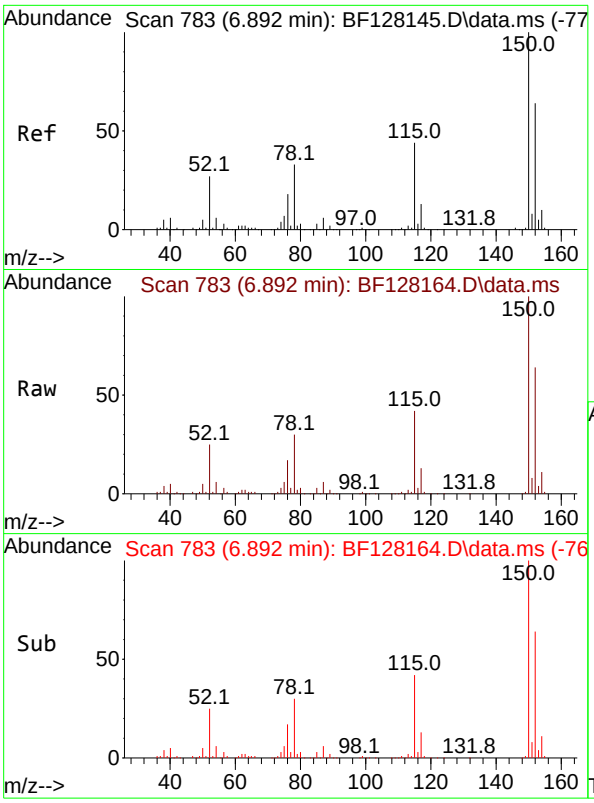


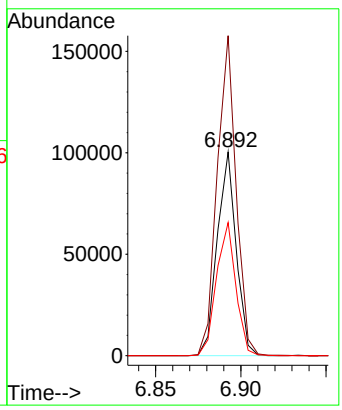


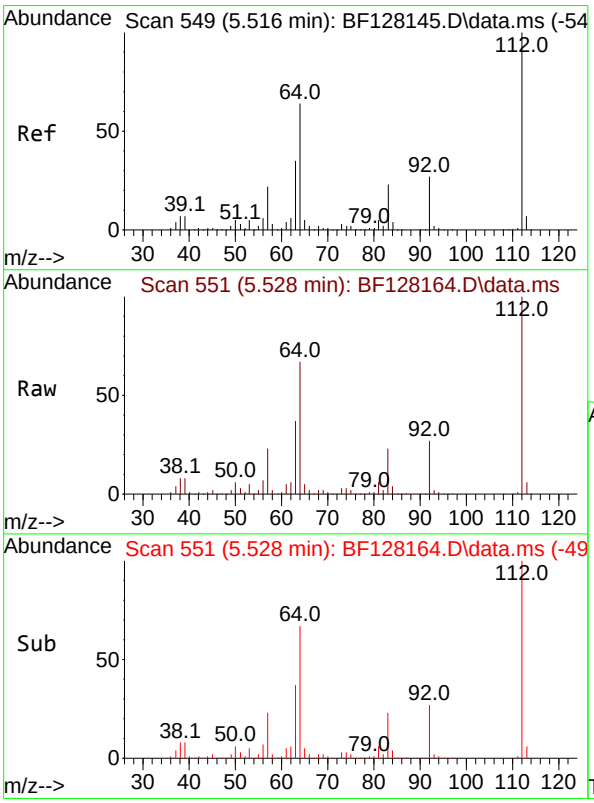
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF128164.D
Acq: 10 May 2022 17:09

Instrument :
BNA_F
ClientSampleId :
MH-31S

Tgt Ion:152 Resp: 77798

Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.3	187.9
115	65.4	48.8	73.2

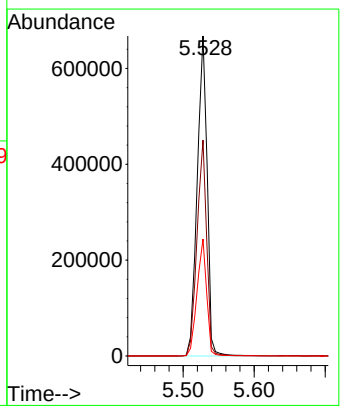


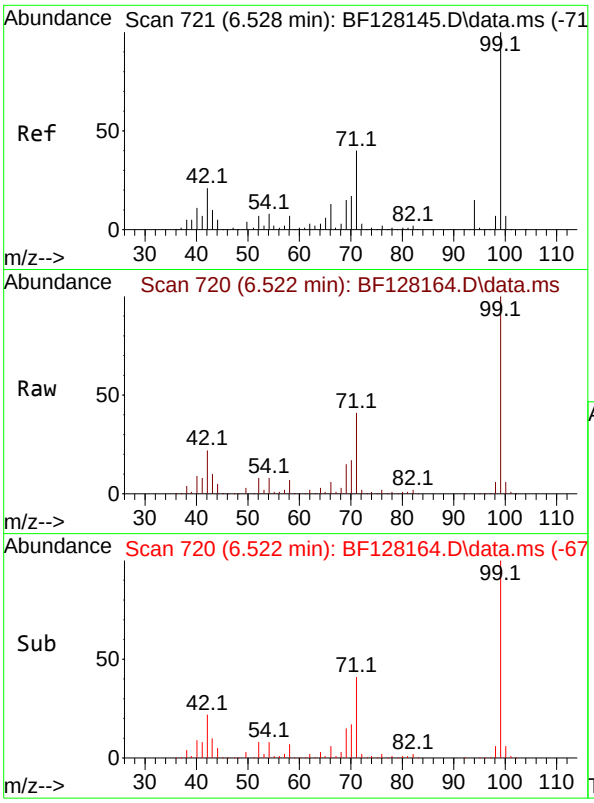


#5
2-Fluorophenol
Concen: 133.557 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.012 min
Lab File: BF128164.D
Acq: 10 May 2022 17:09

Tgt Ion:112 Resp: 651795

Ion	Ratio	Lower	Upper
112	100		
64	67.5	49.5	74.3
63	36.6	26.3	39.5



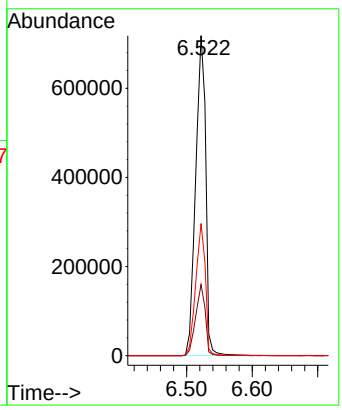


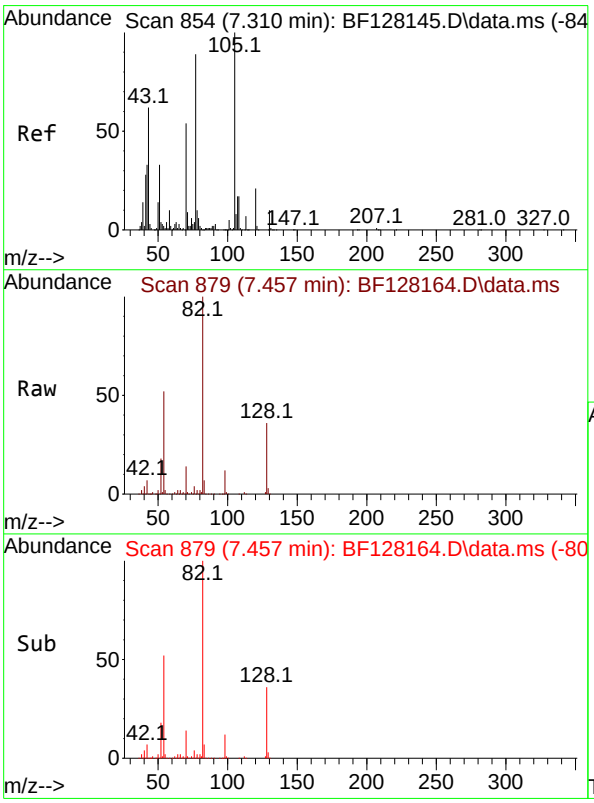
#7
Phenol-d6
Concen: 119.296 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF128164.D
Acq: 10 May 2022 17:09

Instrument :
BNA_F
ClientSampleId :
MH-31S

Tgt Ion: 99 Resp: 770044

Ion	Ratio	Lower	Upper
99	100		
42	22.2	16.6	24.8
71	41.3	30.0	45.0

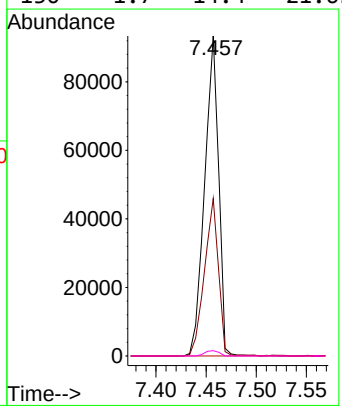


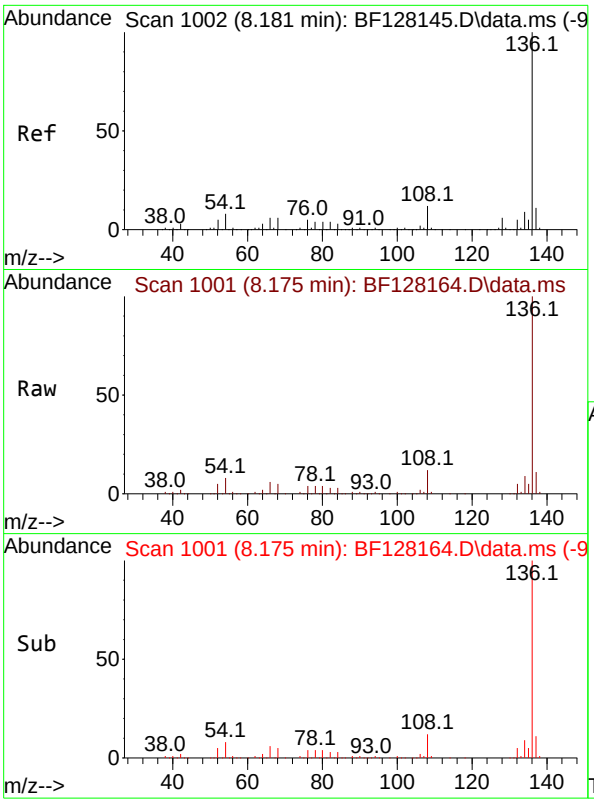


#19
n-Nitroso-di-n-propylamine
Concen: 22.897 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128164.D
Acq: 10 May 2022 17:09

Tgt Ion: 70 Resp: 91016

Ion	Ratio	Lower	Upper
70	100		
42	49.2	48.7	73.1
101	0.0	7.2	10.8#
130	1.7	14.4	21.6#



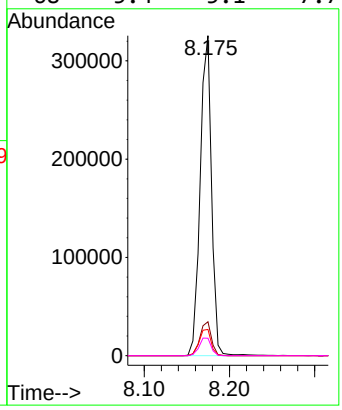


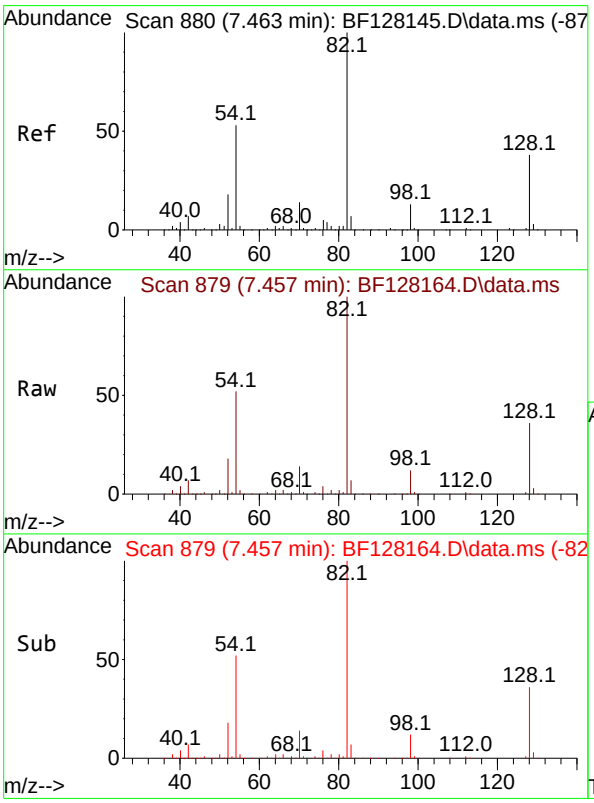
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128164.D
Acq: 10 May 2022 17:09

Instrument :
BNA_F
ClientSampleId :
MH-31S

Tgt Ion:136 Resp: 301318

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.2	6.8	10.2
68	5.4	5.1	7.7

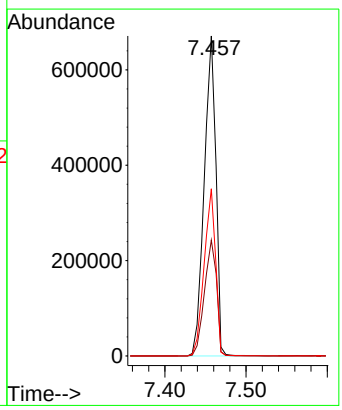


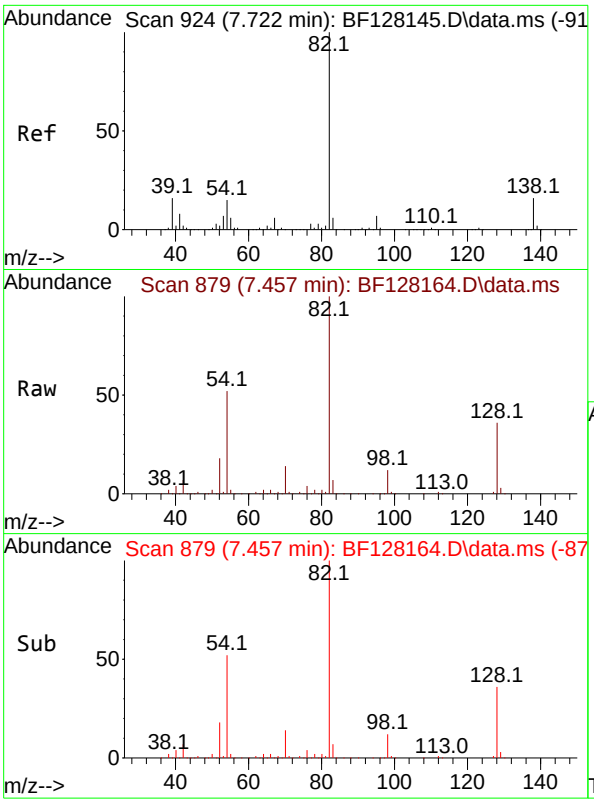


#23
Nitrobenzene-d5
Concen: 99.866 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128164.D
Acq: 10 May 2022 17:09

Tgt Ion: 82 Resp: 668746

Ion	Ratio	Lower	Upper
82	100		
128	36.2	30.0	45.0
54	52.2	41.3	61.9



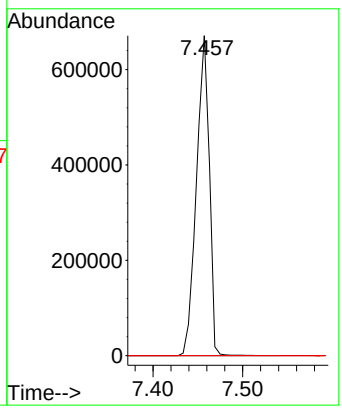


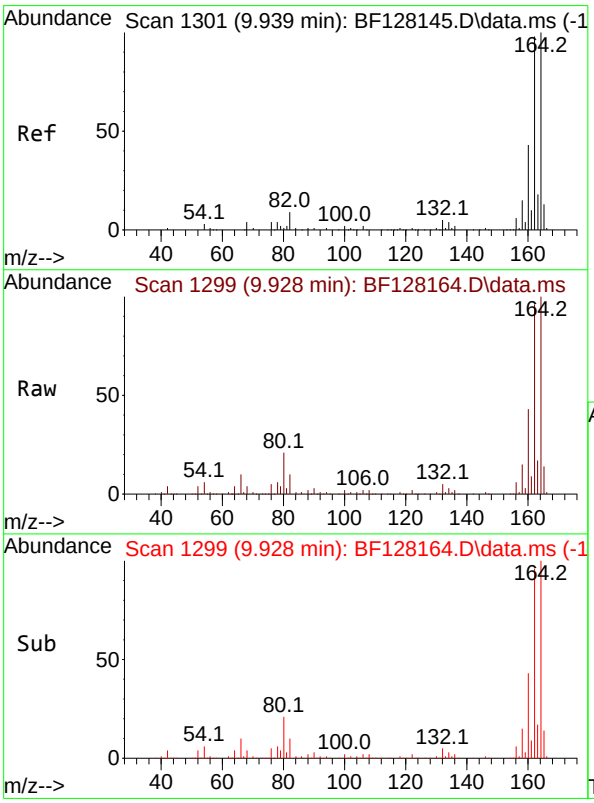
#25
Isophorone
Concen: 63.597 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF128164.D
Acq: 10 May 2022 17:09

Instrument :
BNA_F
ClientSampleId :
MH-31S

Tgt Ion: 82 Resp: 667669

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

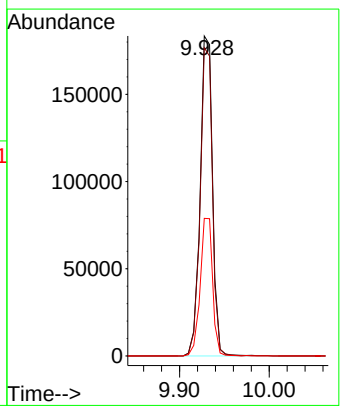


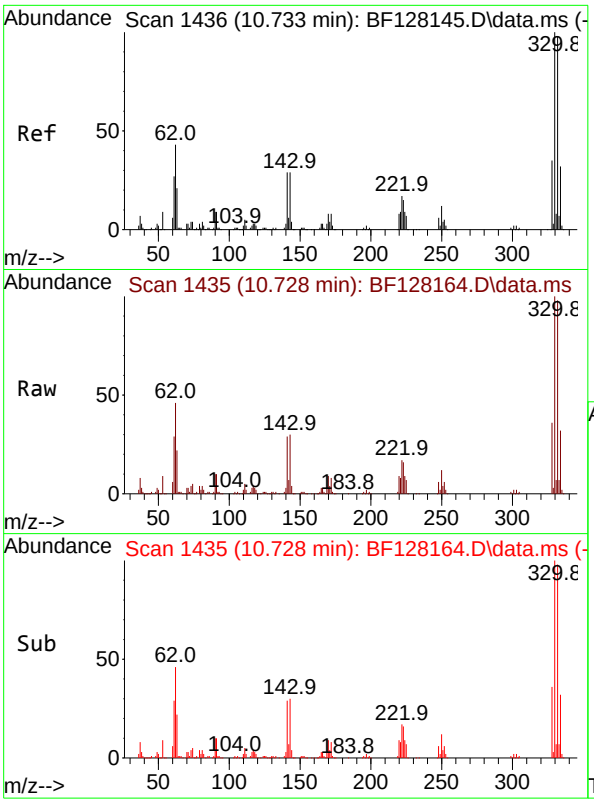


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.011 min
Lab File: BF128164.D
Acq: 10 May 2022 17:09

Tgt Ion:164 Resp: 175389

Ion	Ratio	Lower	Upper
164	100		
162	96.3	76.0	114.0
160	43.0	34.8	52.2



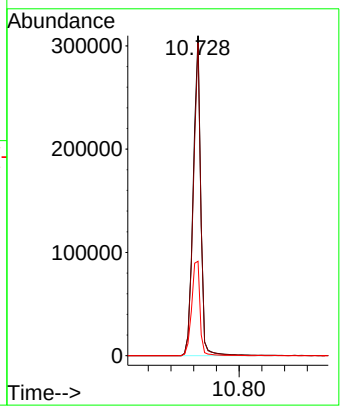


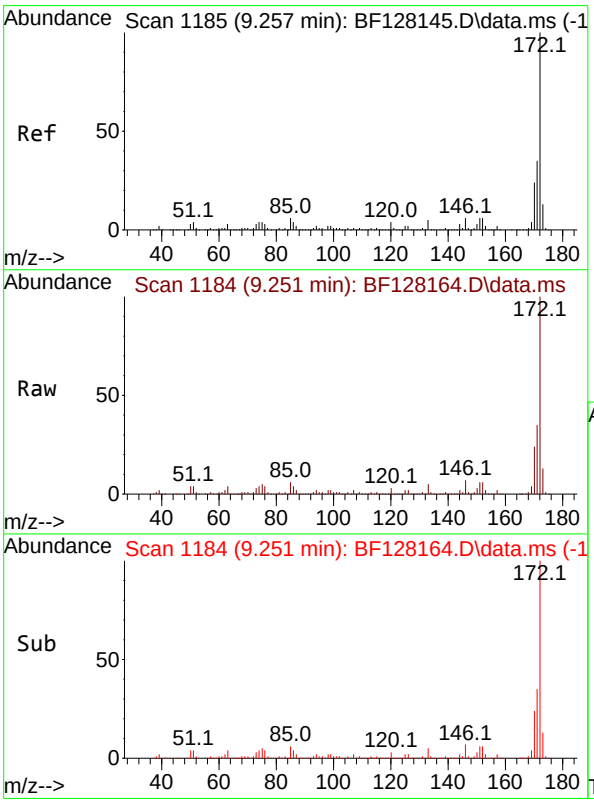
#42
2,4,6-Tribromophenol
Concen: 142.010 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF128164.D
Acq: 10 May 2022 17:09

Instrument :
BNA_F
ClientSampleId :
MH-31S

Tgt Ion:330 Resp: 285653

Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.0	118.4
141	32.9	28.9	43.3

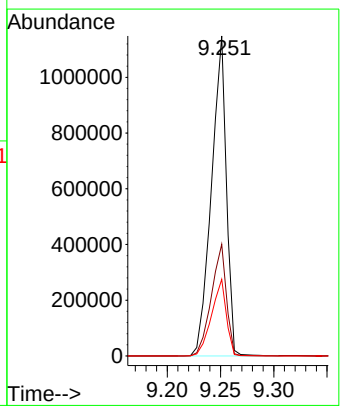


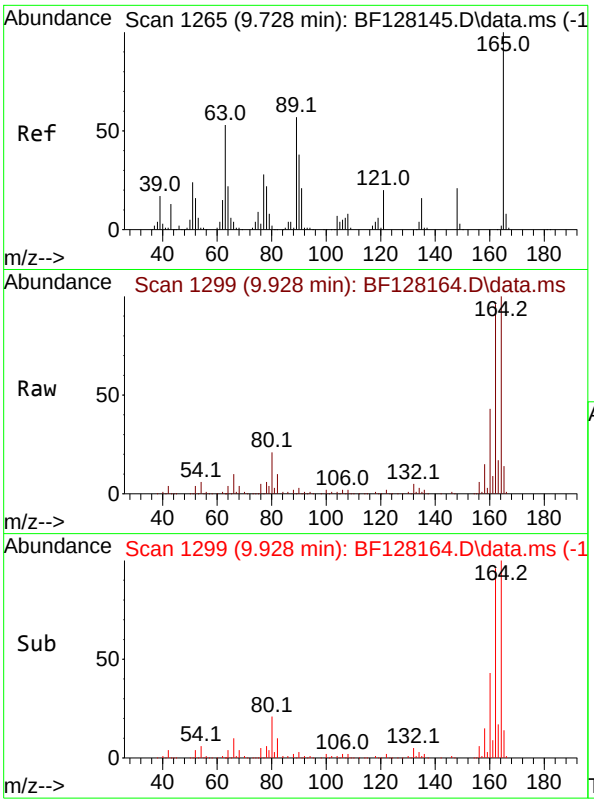


#45
2-Fluorobiphenyl
Concen: 99.844 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF128164.D
Acq: 10 May 2022 17:09

Tgt Ion:172 Resp: 1119168

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	42.8
170	23.9	19.1	28.7



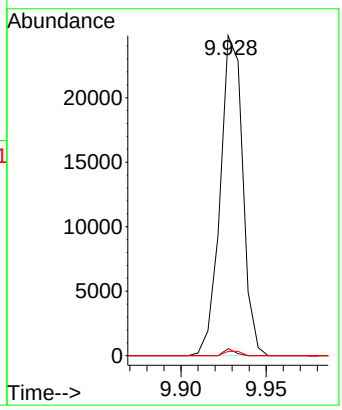


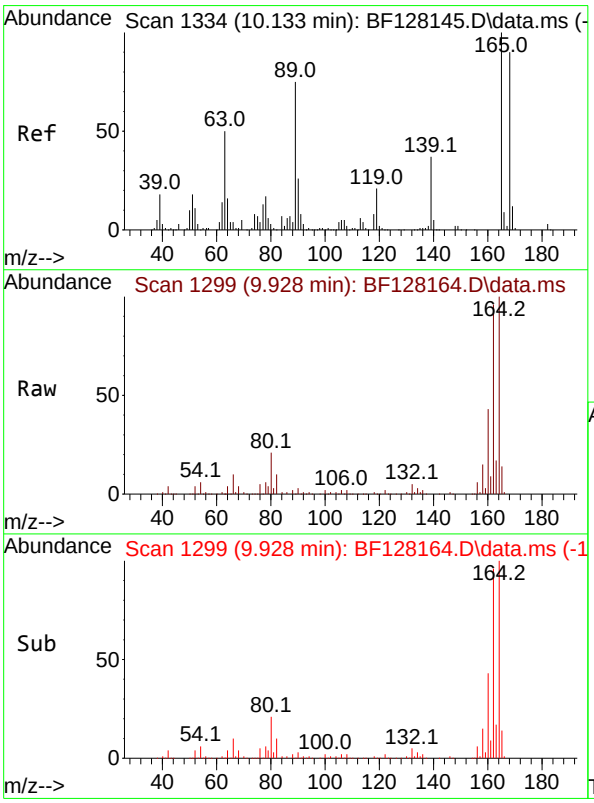
#51
2,6-Dinitrotoluene
Concen: 9.199 ng
RT: 9.928 min Scan# 1
Delta R.T. 0.200 min
Lab File: BF128164.D
Acq: 10 May 2022 17:09

Instrument :
BNA_F
ClientSampleId :
MH-31S

Tgt Ion:165 Resp: 22840

Ion	Ratio	Lower	Upper
165	100		
63	2.2	49.5	74.3#
89	1.3	49.0	73.4#

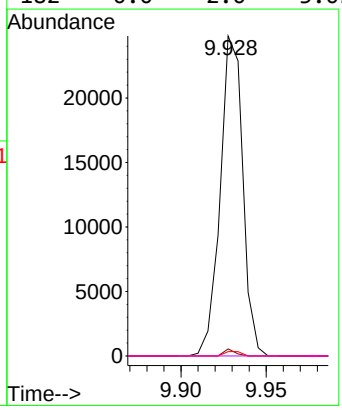


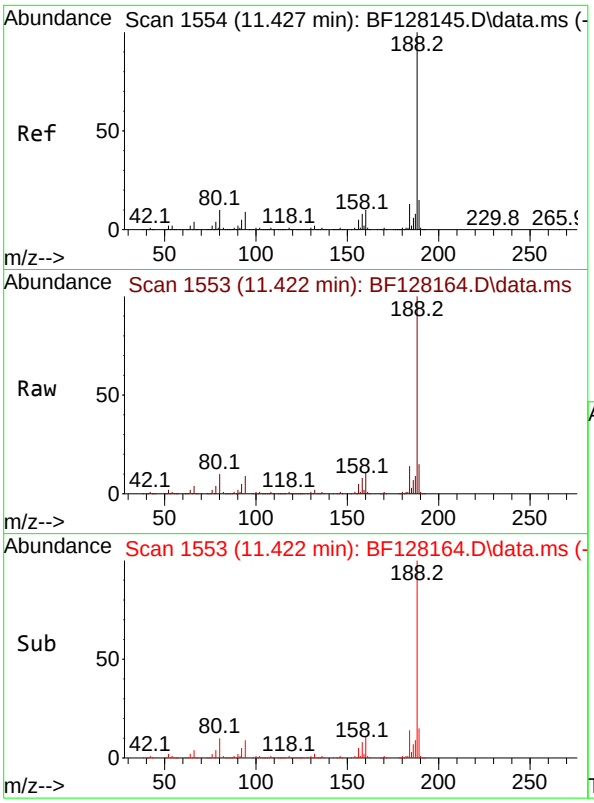


#57
2,4-Dinitrotoluene
Concen: 6.880 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.206 min
Lab File: BF128164.D
Acq: 10 May 2022 17:09

Tgt Ion:165 Resp: 22840

Ion	Ratio	Lower	Upper
165	100		
63	2.2	32.6	49.0#
89	1.3	55.2	82.8#
182	0.0	2.0	3.0#



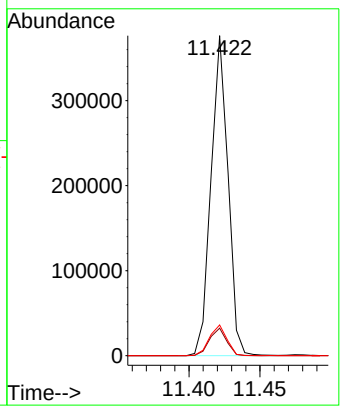


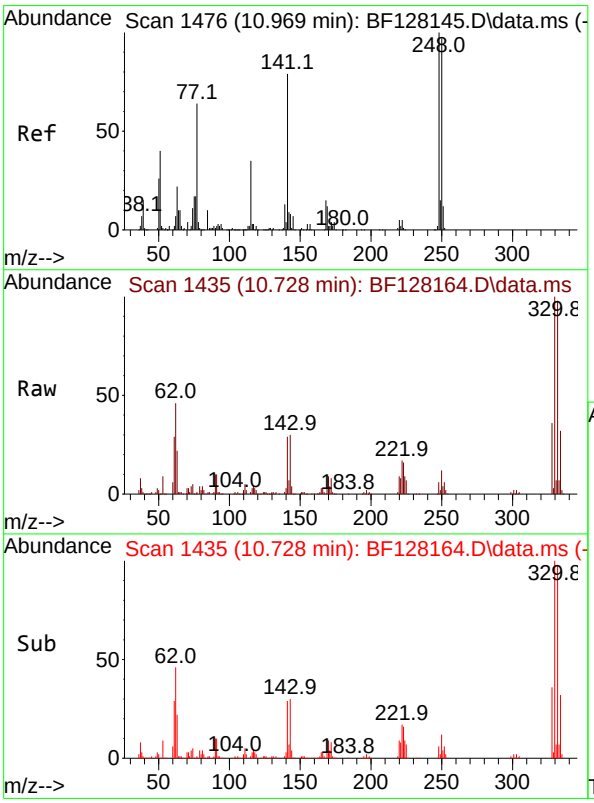
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128164.D
Acq: 10 May 2022 17:09

Instrument :
BNA_F
ClientSampleId :
MH-31S

Tgt Ion:188 Resp: 312850

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.0	12.0
80	9.6	8.9	13.3

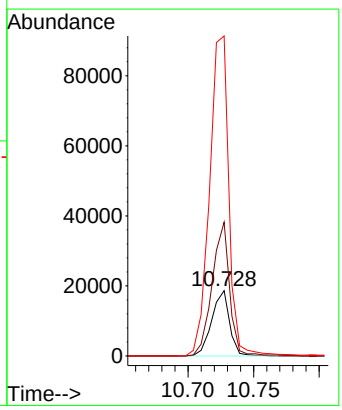


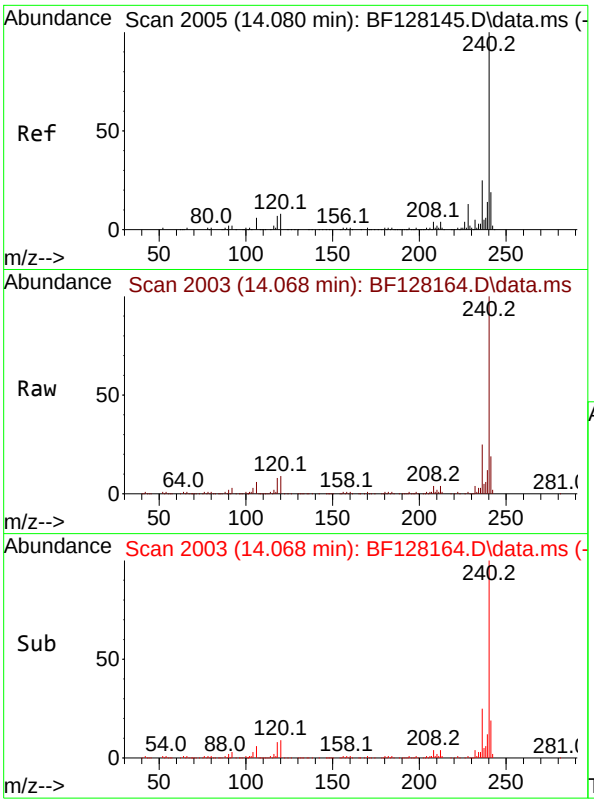


#67
4-Bromophenyl-phenylether
Concen: 5.240 ng
RT: 10.728 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF128164.D
Acq: 10 May 2022 17:09

Tgt Ion:248 Resp: 17636

Ion	Ratio	Lower	Upper
248	100		
250	205.1	77.7	116.5#
141	490.6	65.6	98.4#



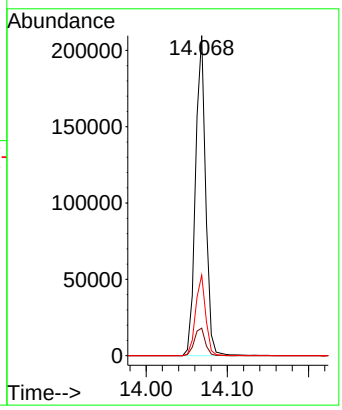


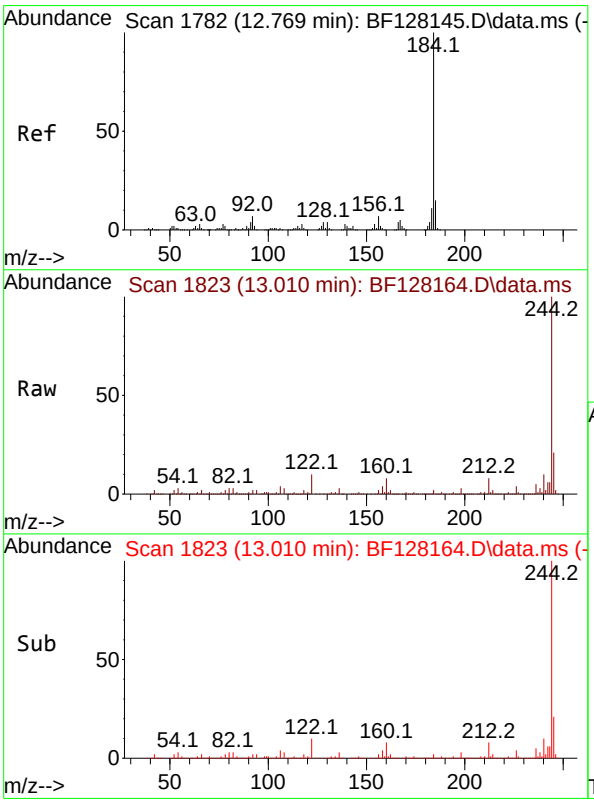
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BF128164.D
Acq: 10 May 2022 17:09

Instrument :
BNA_F
ClientSampleId :
MH-31S

Tgt Ion:240 Resp: 182879

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.0	10.6
236	25.2	20.3	30.5

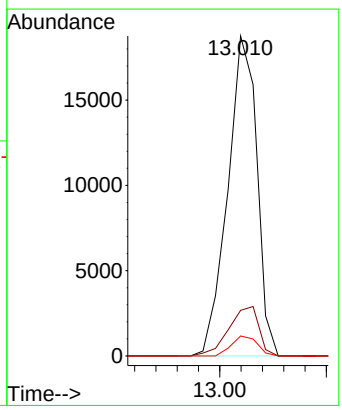


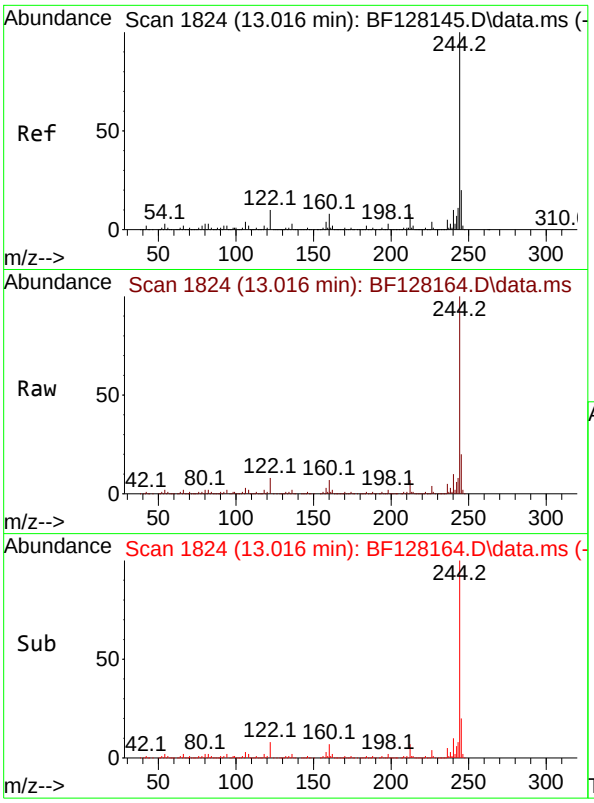


#77
Benzidine
Concen: 4.507 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.241 min
Lab File: BF128164.D
Acq: 10 May 2022 17:09

Tgt Ion:184 Resp: 17851

Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.1	18.1
183	6.3	9.0	13.4#



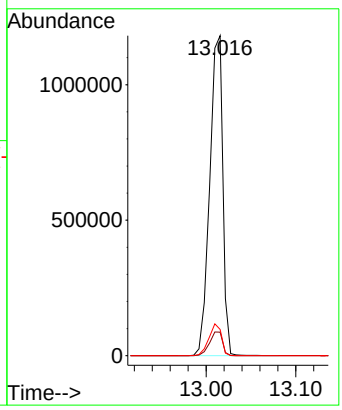


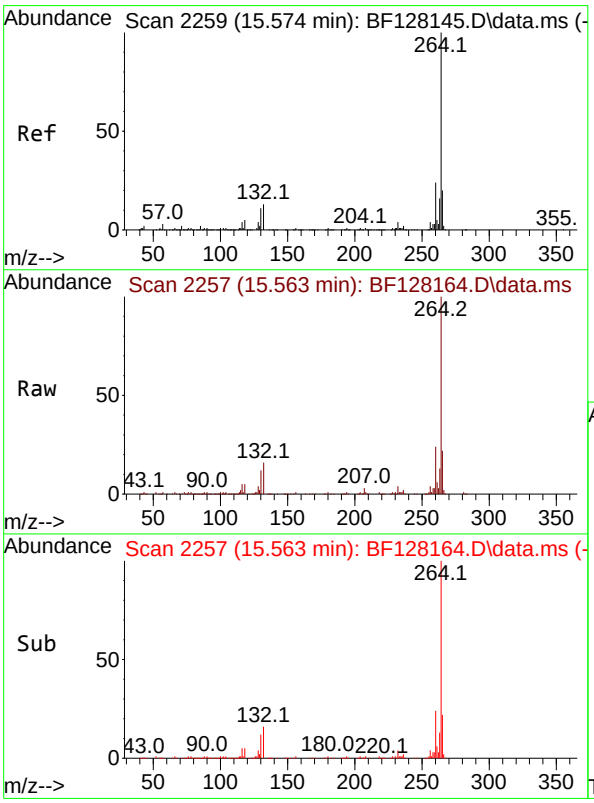
#79
Terphenyl-d14
Concen: 122.749 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF128164.D
Acq: 10 May 2022 17:09

Instrument :
BNA_F
ClientSampleId :
MH-31S

Tgt Ion:244 Resp: 1196334

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.4
122	8.2	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF128164.D
Acq: 10 May 2022 17:09

Tgt Ion:264 Resp: 177724

Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.1	30.1
265	21.7	17.5	26.3