Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
Data File : BF128125.D
Acq On : 06 May 2022 15:36
Operator : CG\JU
Sample : N2712-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Time: May 06 16:10:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 17:56:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	76629	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	293120	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	169518	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	322311	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	255928	20.000	ng	-0.01
86) Perylene-d12	15.586	264	184932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	478659	99.492	ng	0.00
7) Phenol-d6	6.534	99	625006	100.119	ng	-0.01
23) Nitrobenzene-d5	7.469	82	435415	69.852	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	185479	108.691	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	717889	71.643	ng	0.00
79) Terphenyl-d14	13.027	244	906736	64.785	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	59109	15.468	ng	# 78
25) Isophorone	7.469	82	434291	41.396	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	21872	8.886	ng	# 22
57) 2,4-Dinitrotoluene	9.945	165	21872	6.708	ng	# 26
67) 4-Bromophenyl-phenylether	10.739	248	11622	3.253	ng	# 1
77) Benzidine	13.027	184	13497	2.787	ng	# 95

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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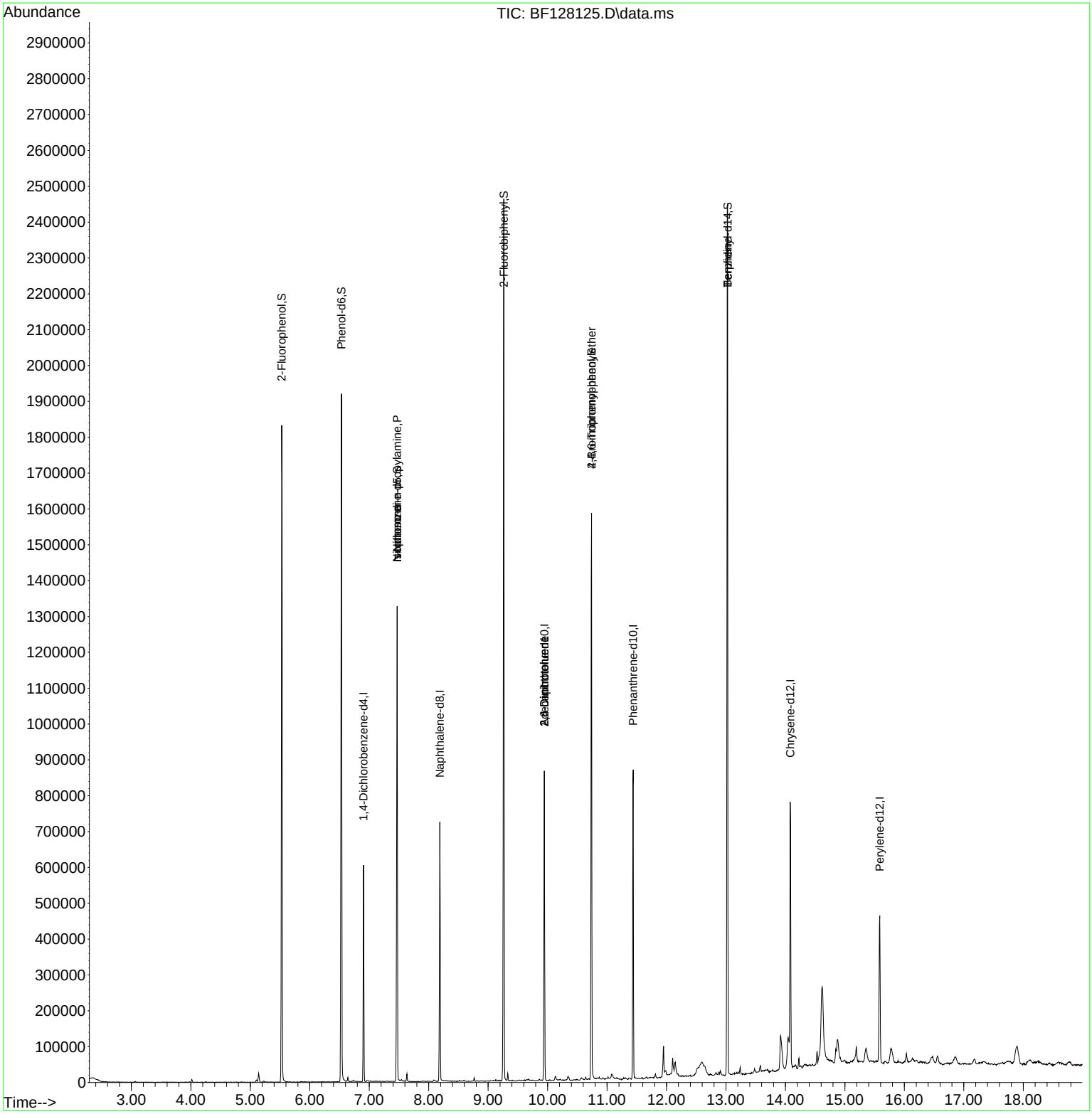
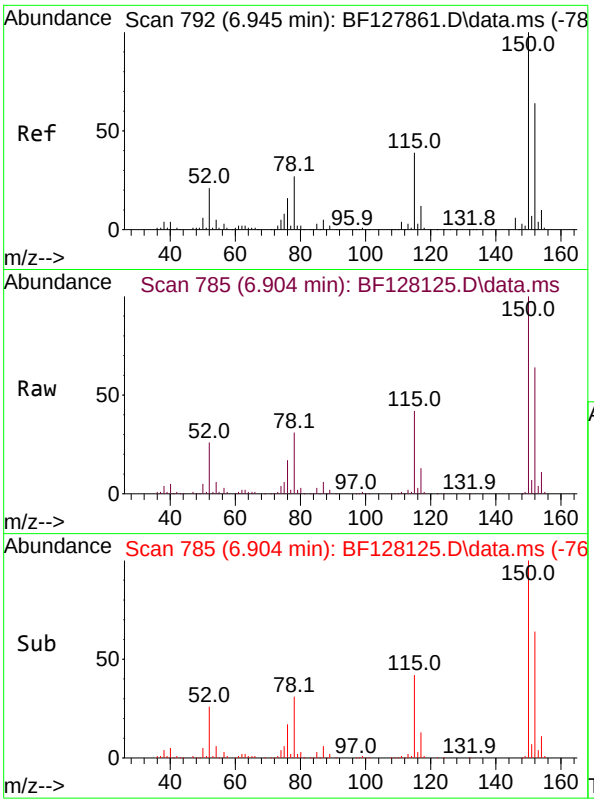


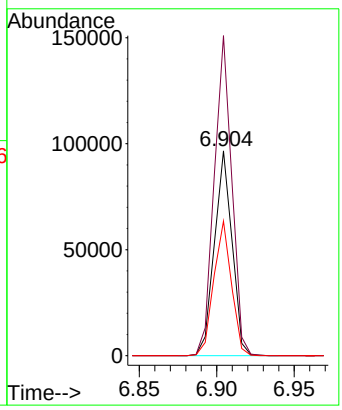


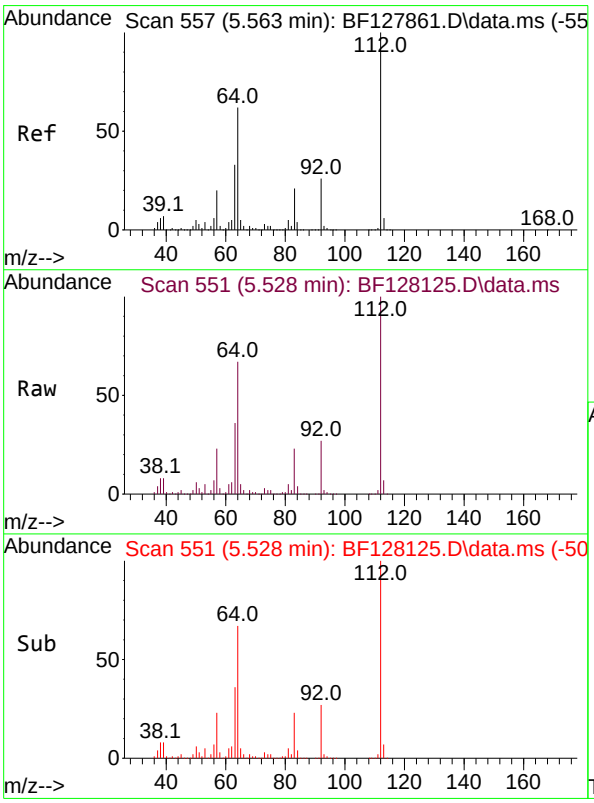
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:152 Resp: 76629

Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.3	187.9
115	65.7	48.8	73.2

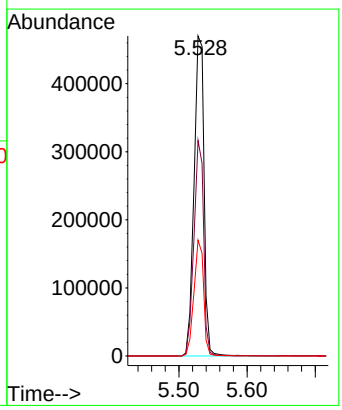


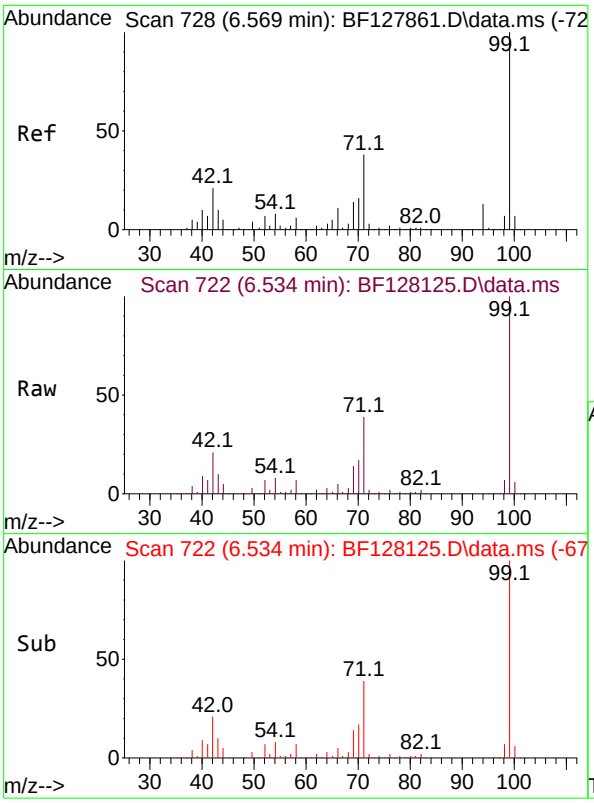


#5
2-Fluorophenol
Concen: 99.492 ng
RT: 5.528 min Scan# 551
Delta R.T. -0.006 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Tgt Ion:112 Resp: 478659

Ion	Ratio	Lower	Upper
112	100		
64	67.3	49.5	74.3
63	36.2	26.3	39.5



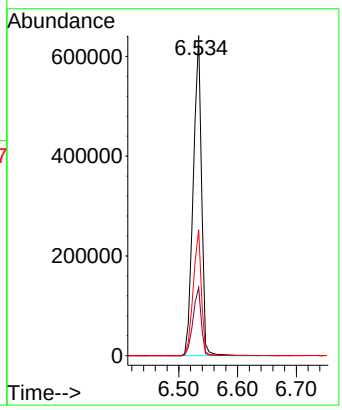


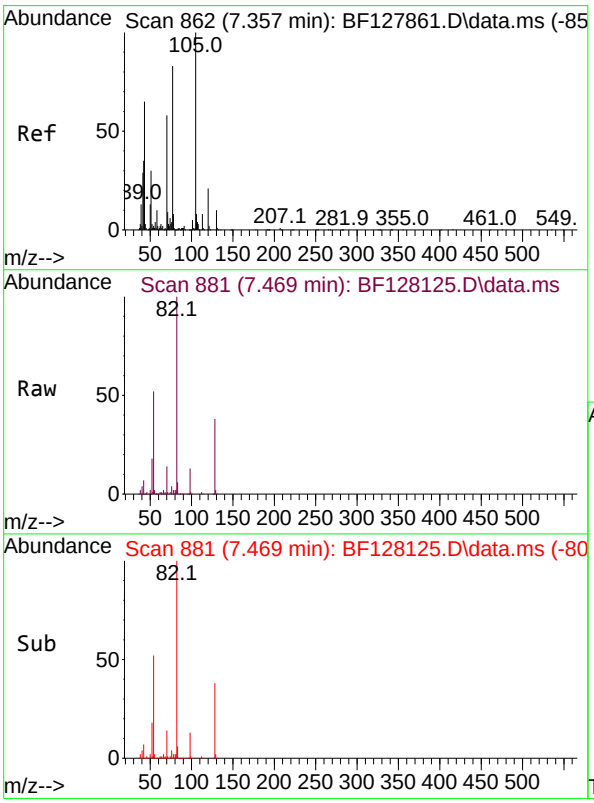
#7
Phenol-d6
Concen: 100.119 ng
RT: 6.534 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion: 99 Resp: 625006

Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.6	24.8
71	39.4	30.0	45.0

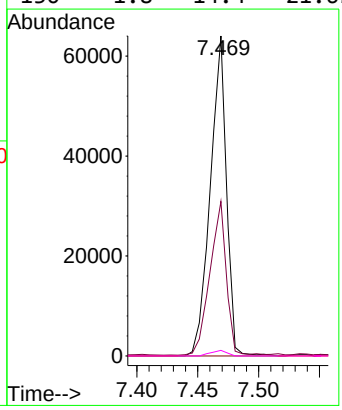


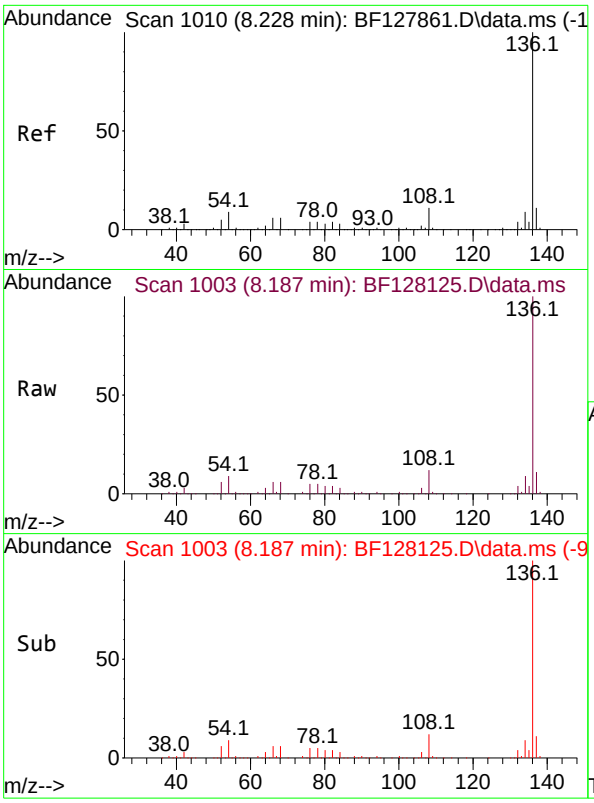


#19
n-Nitroso-di-n-propylamine
Concen: 15.468 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.141 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Tgt Ion: 70 Resp: 59109

Ion	Ratio	Lower	Upper
70	100		
42	48.3	48.7	73.1#
101	0.0	7.2	10.8#
130	1.8	14.4	21.6#



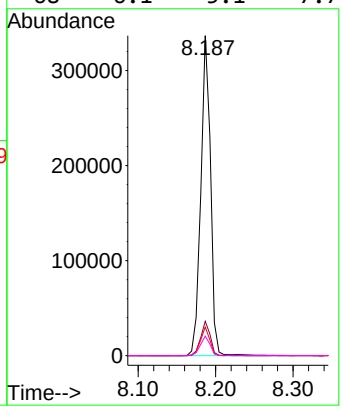


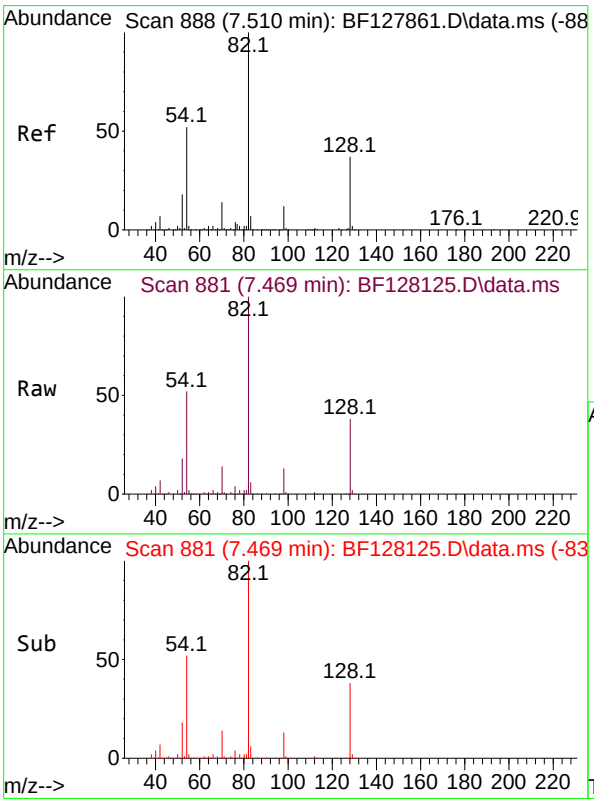
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:136 Resp: 293120

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.0	6.8	10.2
68	6.1	5.1	7.7

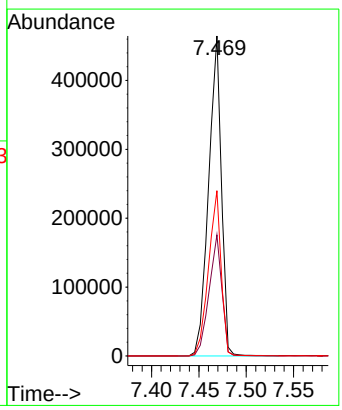


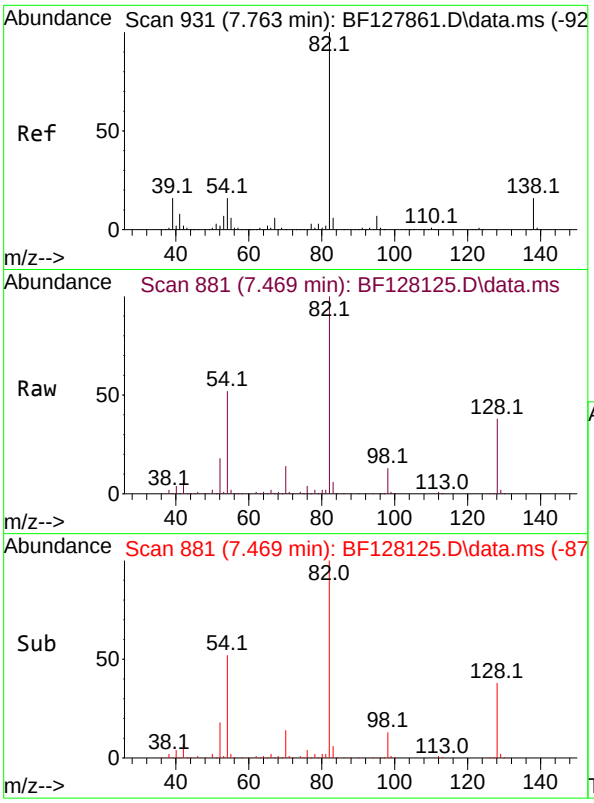


#23
Nitrobenzene-d5
Concen: 69.852 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Tgt Ion: 82 Resp: 435415

Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.0	45.0
54	51.6	41.3	61.9



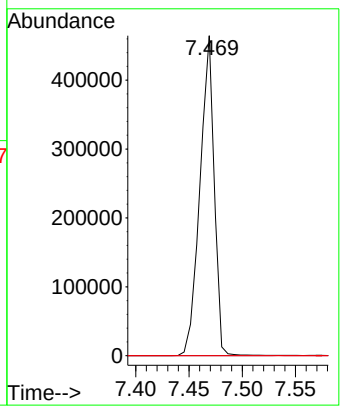


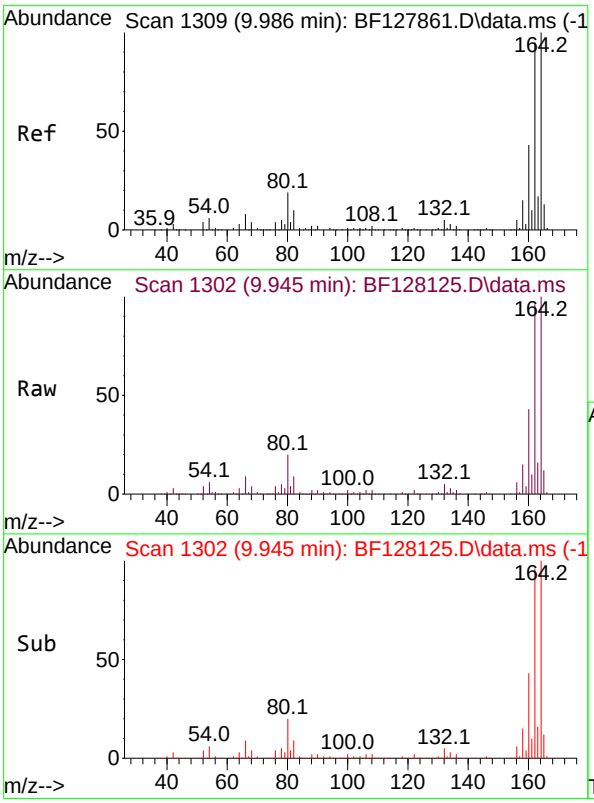
#25
Isophorone
Concen: 41.396 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.270 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion: 82 Resp: 434291

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

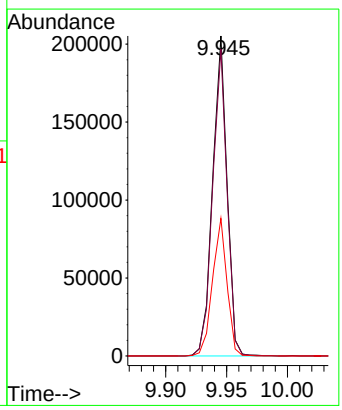


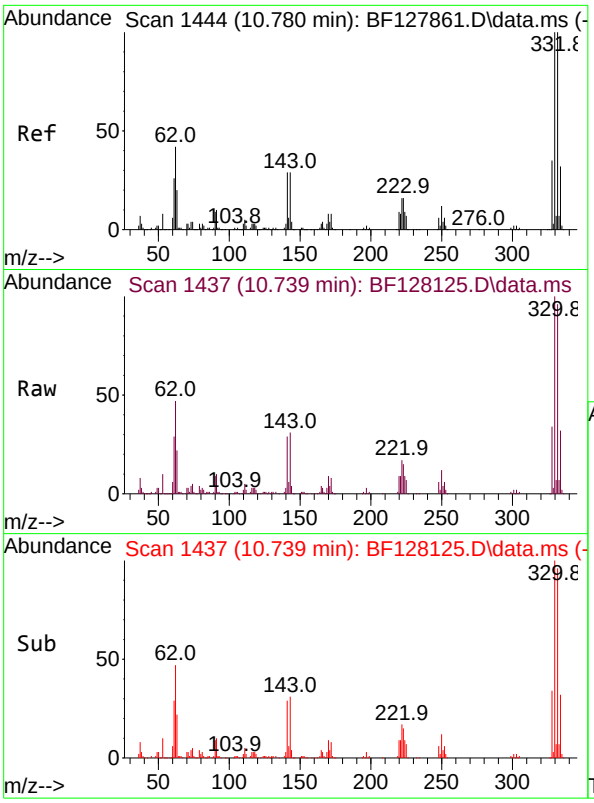


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Tgt Ion:164 Resp: 169518

Ion	Ratio	Lower	Upper
164	100		
162	95.9	76.0	114.0
160	43.0	34.8	52.2



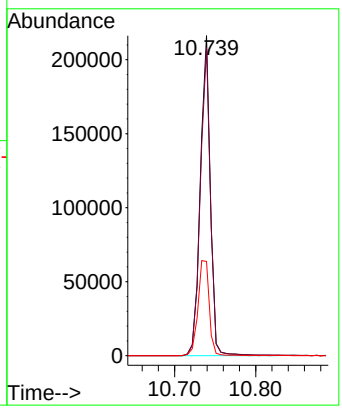


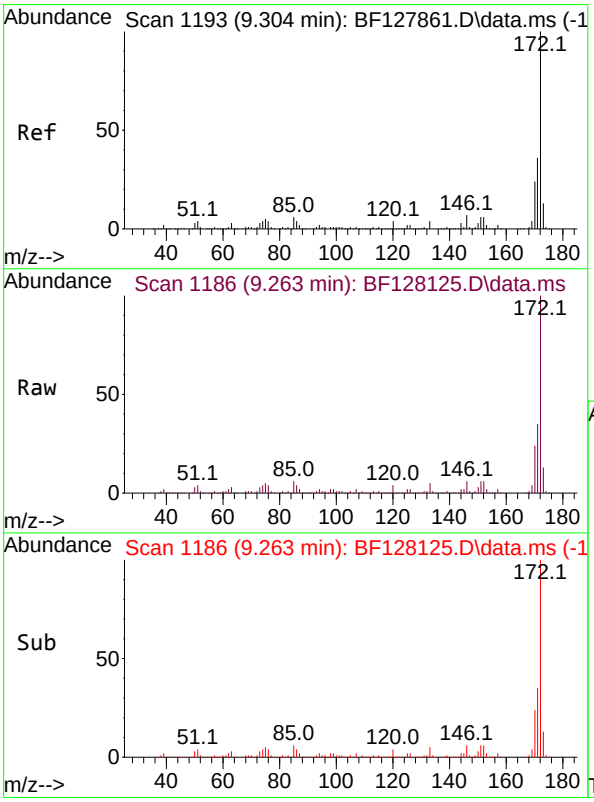
#42
2,4,6-Tribromophenol
Concen: 108.691 ng
RT: 10.739 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:330 Resp: 185479

Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	33.5	28.9	43.3

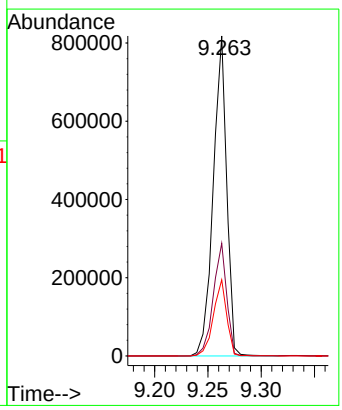


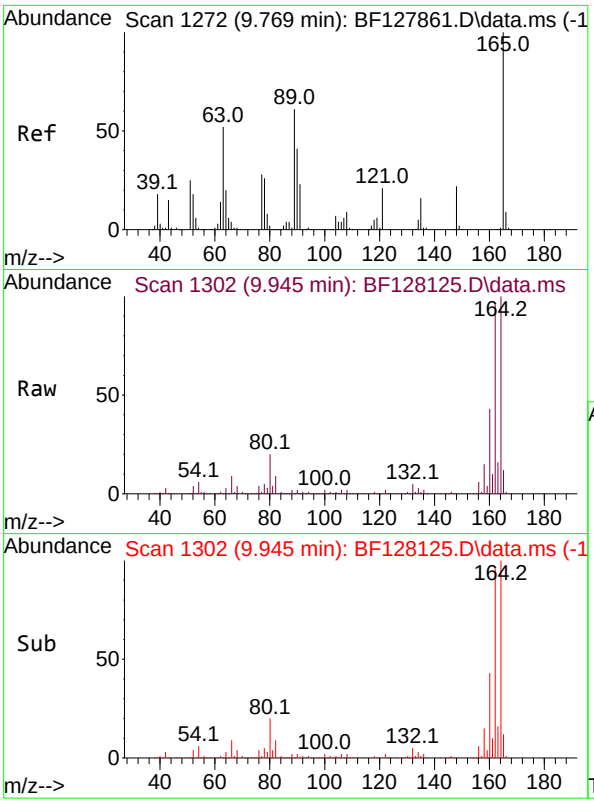


#45
2-Fluorobiphenyl
Concen: 71.643 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Tgt Ion:172 Resp: 717889

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.8	19.1	28.7



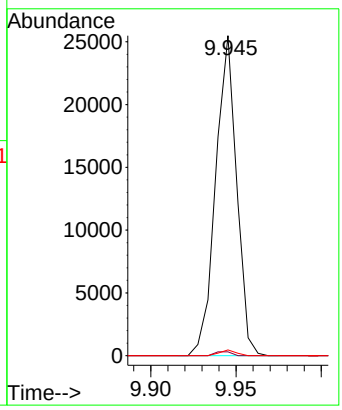


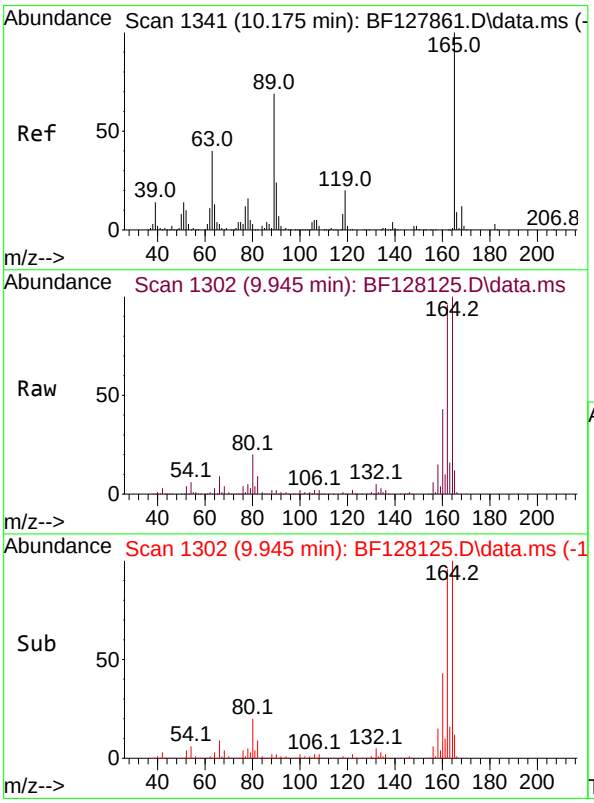
#51
2,6-Dinitrotoluene
Concen: 8.886 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:165 Resp: 21872

Ion	Ratio	Lower	Upper
165	100		
63	1.2	49.5	74.3#
89	1.8	49.0	73.4#

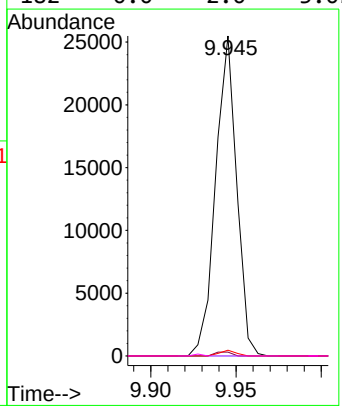


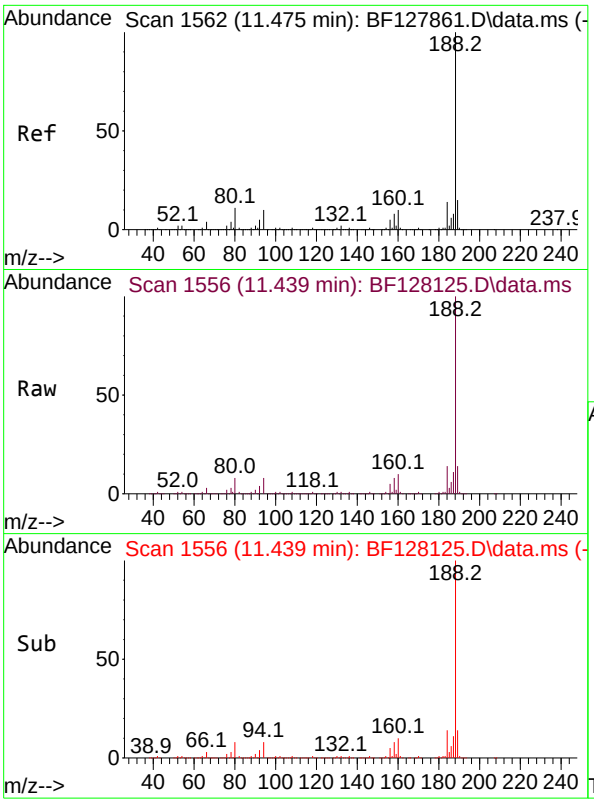


#57
2,4-Dinitrotoluene
Concen: 6.708 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.200 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Tgt Ion:165 Resp: 21872

Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.6	49.0#
89	1.8	55.2	82.8#
182	0.0	2.0	3.0#



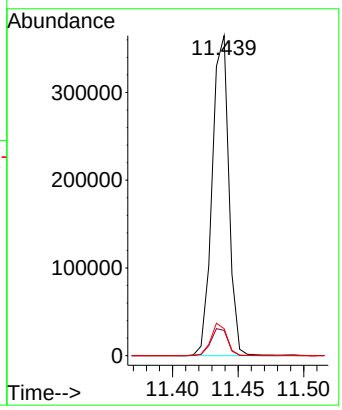


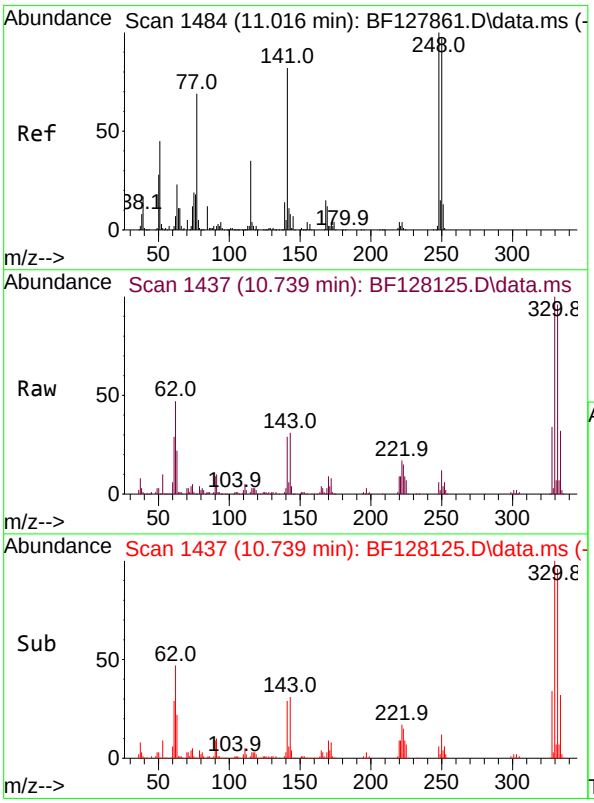
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:188 Resp: 322311

Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.0	12.0#
80	8.5	8.9	13.3#

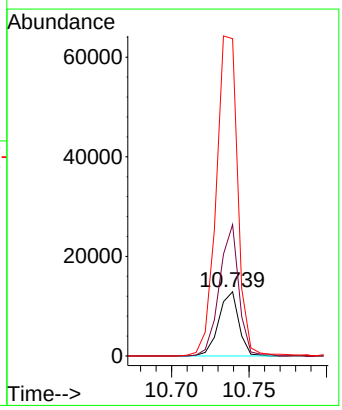


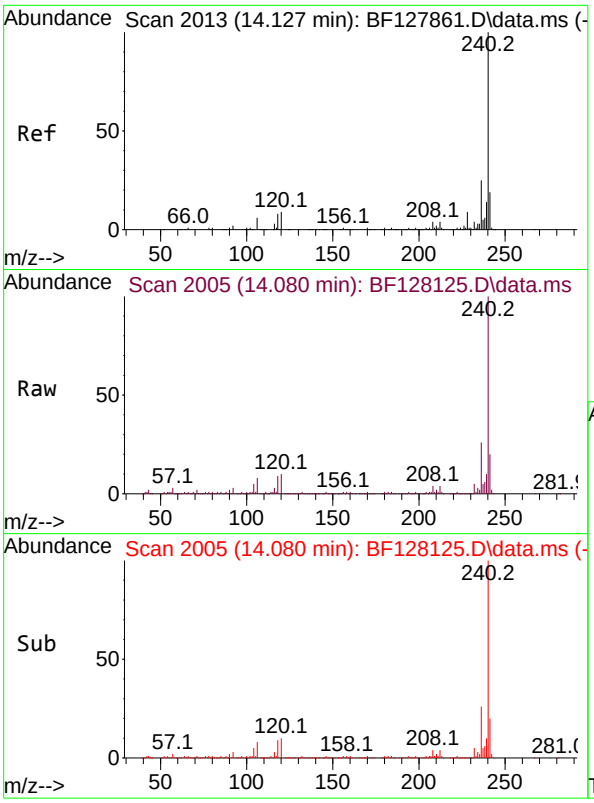


#67
4-Bromophenyl-phenylether
Concen: 3.253 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Tgt Ion:248 Resp: 11622

Ion	Ratio	Lower	Upper
248	100		
250	204.8	77.7	116.5#
141	494.5	65.6	98.4#



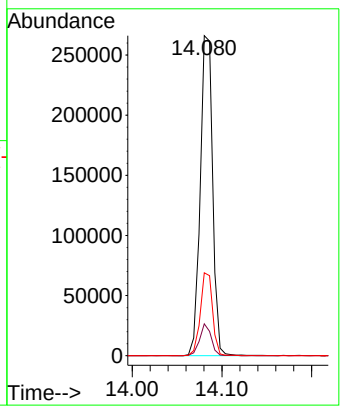


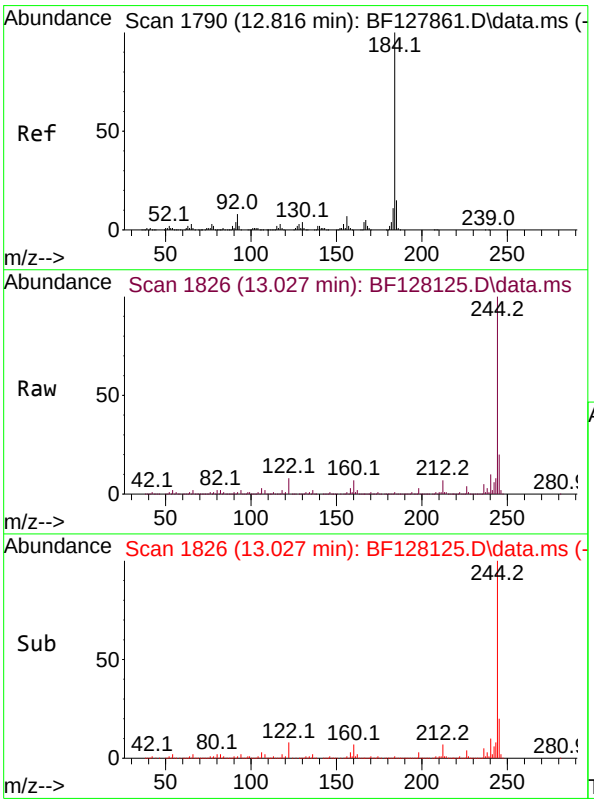
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:240 Resp: 255928

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.0	10.6
236	25.9	20.3	30.5

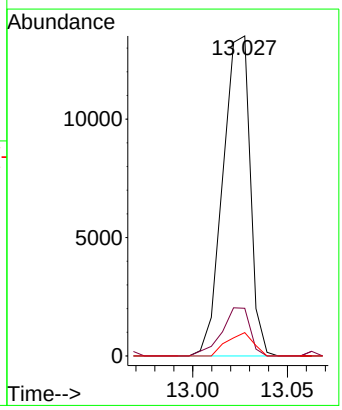


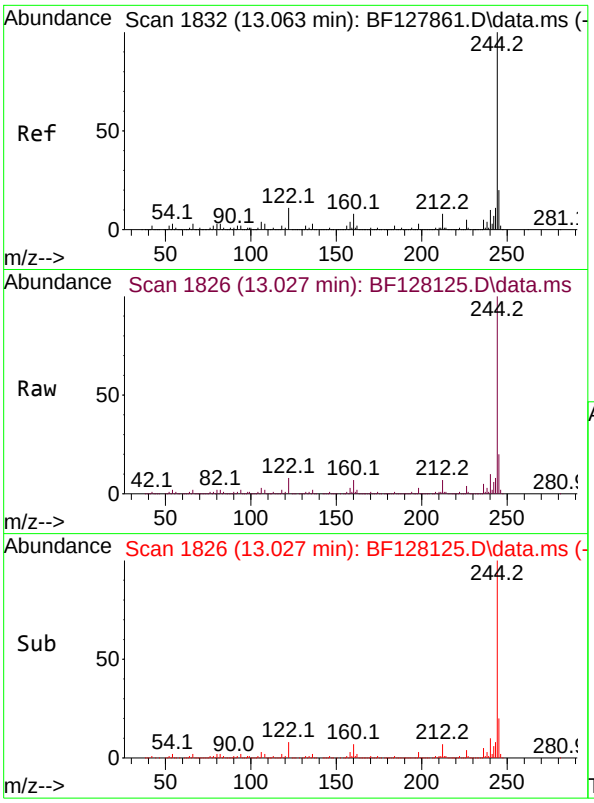


#77
Benzidine
Concen: 2.787 ng
RT: 13.027 min Scan# 1826
Delta R.T. 0.247 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Tgt Ion:184 Resp: 13497

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.1	18.1
183	7.3	9.0	13.4#



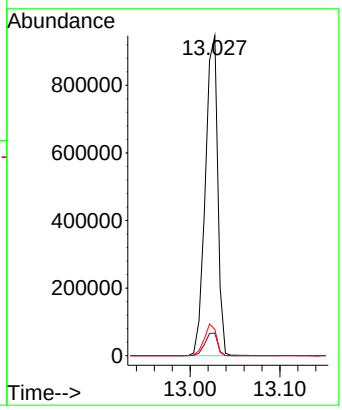


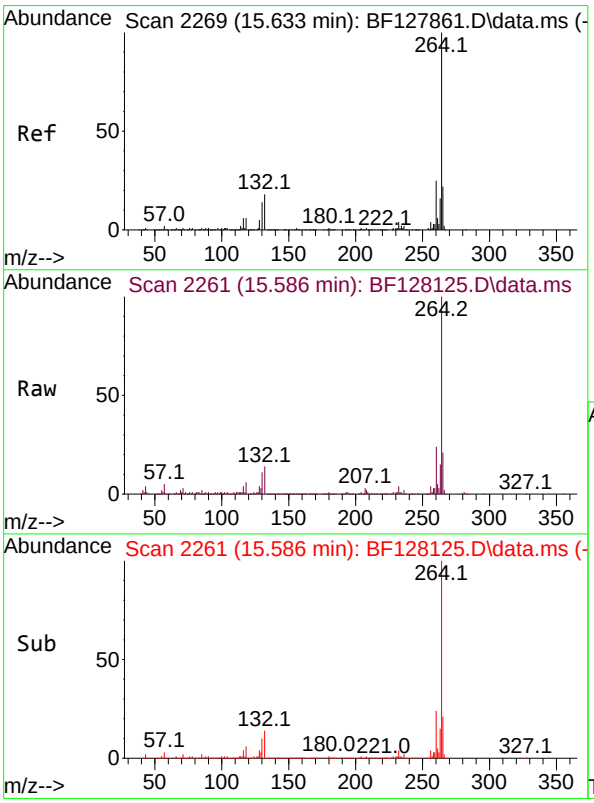
#79
Terphenyl-d14
Concen: 64.785 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:244 Resp: 906736

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.4
122	8.2	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Tgt Ion:264 Resp: 184932

Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.1	30.1
265	20.8	17.5	26.3