Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
Data File : BF127098.D
Acq On : 28 Feb 2022 14:24
Operator : CG\JU
Sample : N1664-31
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11

Quant Time: Feb 28 16:59:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 24 02:10:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	97320	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	397497	20.000	ng	#-0.01
39) Acenaphthene-d10	9.939	164	206466	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	366709	20.000	ng	#-0.01
76) Chrysene-d12	14.074	240	183734	20.000	ng	#-0.01
86) Perylene-d12	15.574	264	176177	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	455626	72.360	ng	0.00
7) Phenol-d6	6.528	99	601643	70.811	ng	-0.01
23) Nitrobenzene-d5	7.463	82	413458	46.950	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	180354	75.869	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	695842	49.615	ng	-0.01
79) Terphenyl-d14	13.021	244	758028	60.649	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	56040	10.236	ng	# 79
25) Isophorone	7.463	82	413548	28.379	ng	# 69
51) 2,6-Dinitrotoluene	9.939	165	26441	8.806	ng	# 21
57) 2,4-Dinitrotoluene	9.939	165	26441	6.513	ng	# 15
67) 4-Bromophenyl-phenylether	10.733	248	11298	2.757	ng	# 1
77) Benzidine	13.021	184	10950	2.193	ng	# 95

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

Quantitation Report (Not Reviewed)

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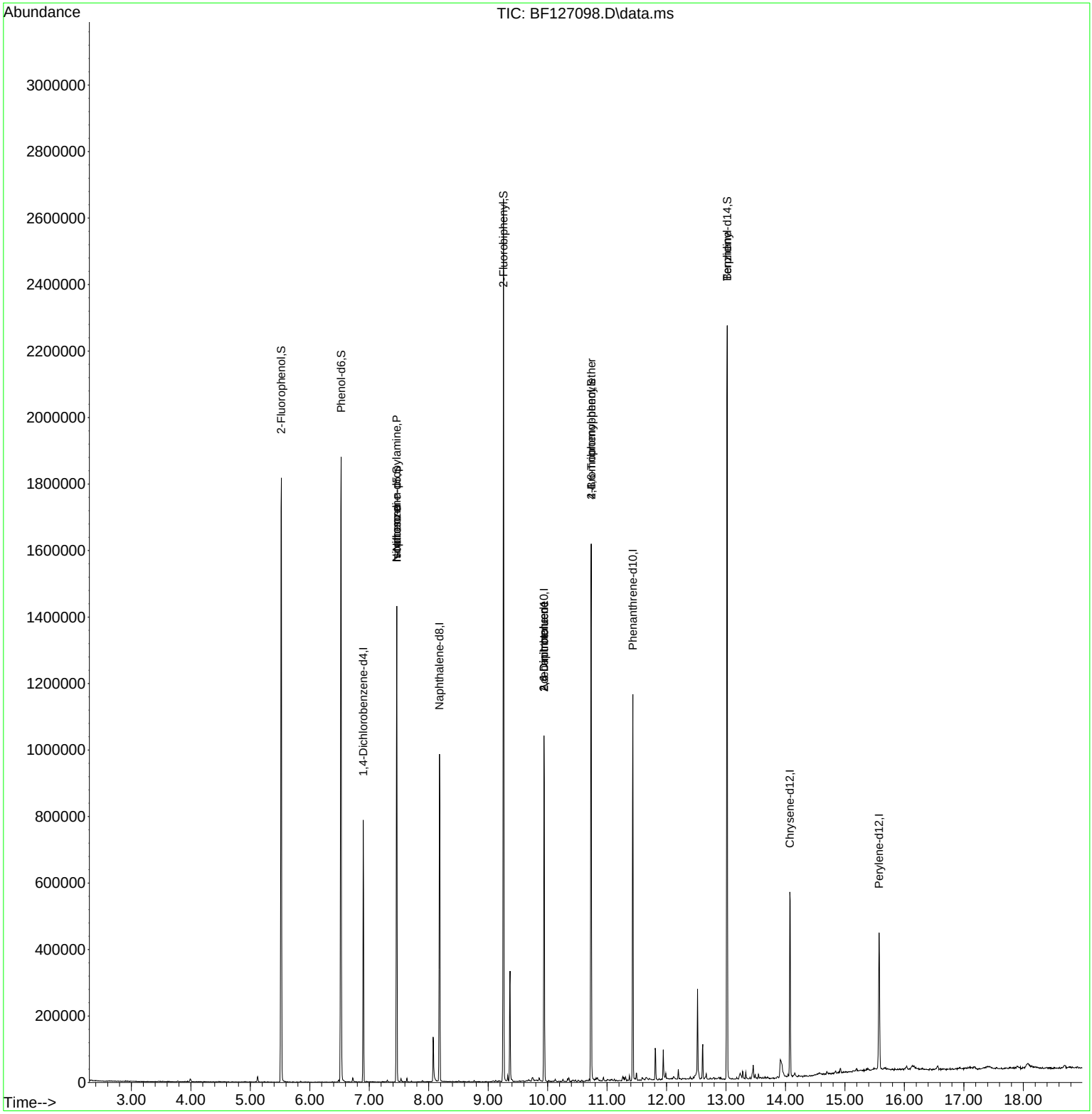
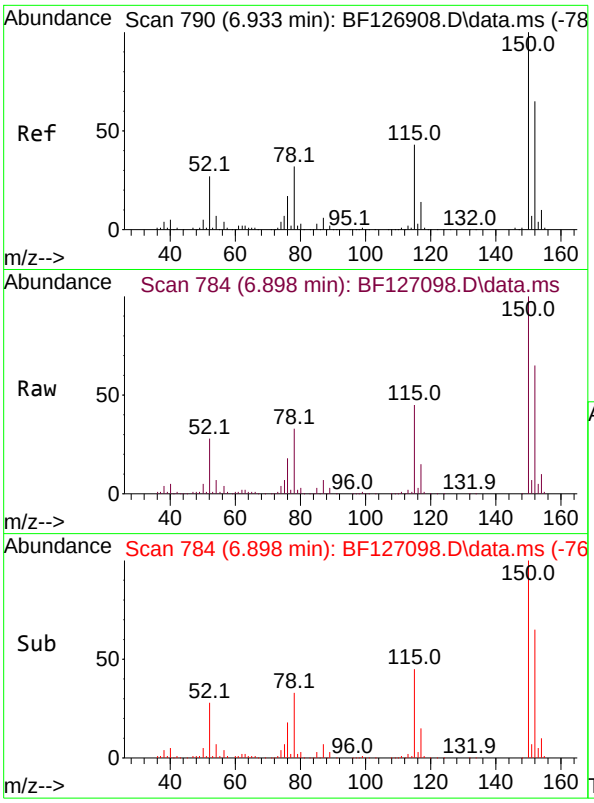


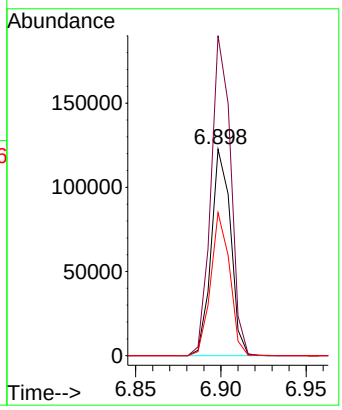


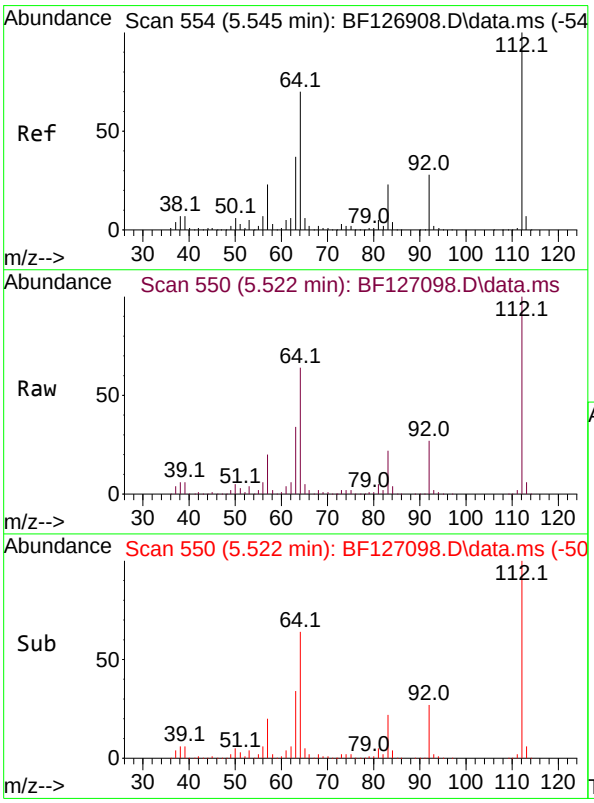
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

Instrument :
BNA_F
ClientSampleId :
TP-11

Tgt Ion:152 Resp: 97320

Ion	Ratio	Lower	Upper
152	100		
150	155.0	128.1	192.1
115	69.3	56.7	85.1

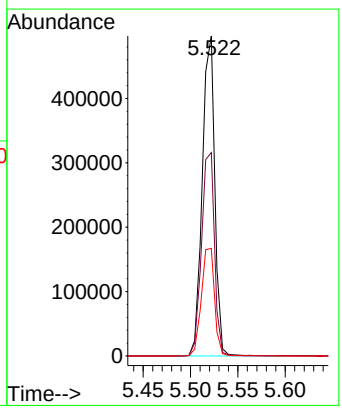


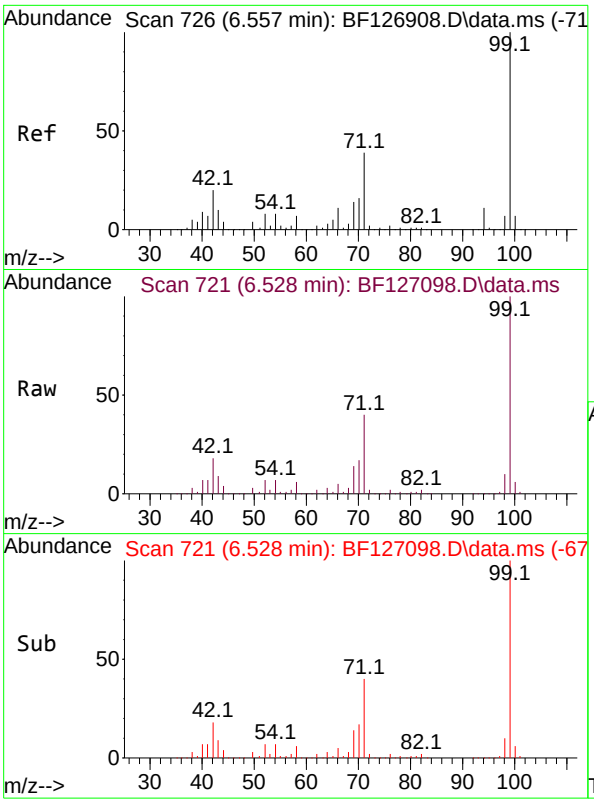


#5
2-Fluorophenol
Concen: 72.360 ng
RT: 5.522 min Scan# 550
Delta R.T. -0.006 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

Tgt Ion:112 Resp: 455626

Ion	Ratio	Lower	Upper
112	100		
64	63.6	49.5	74.3
63	33.6	23.9	35.9



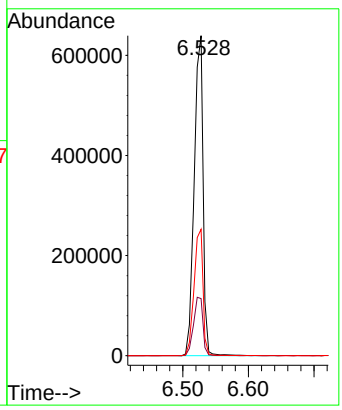


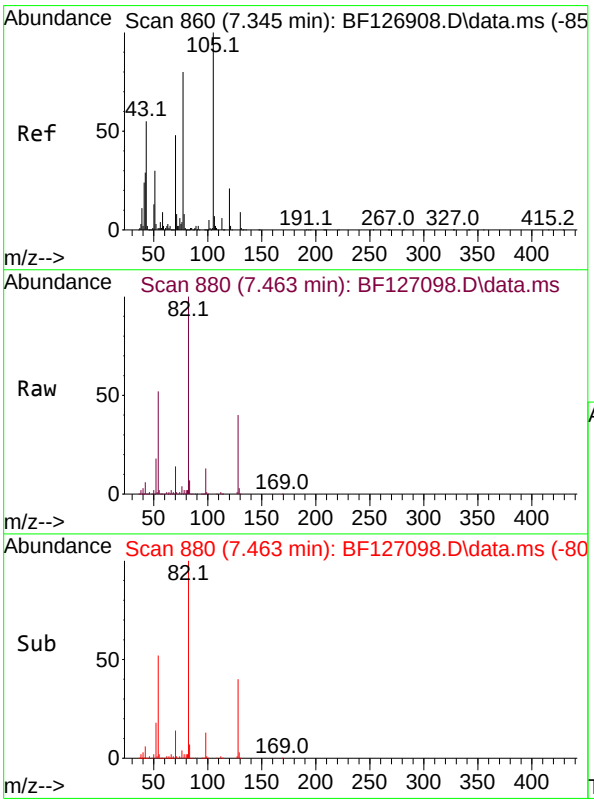
#7
Phenol-d6
Concen: 70.811 ng
RT: 6.528 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

Instrument :
BNA_F
ClientSampleId :
TP-11

Tgt Ion: 99 Resp: 601643

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.2	21.4
71	39.5	24.3	36.5#

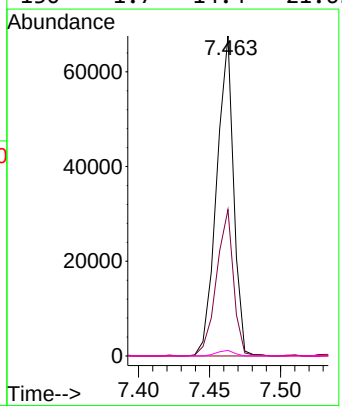


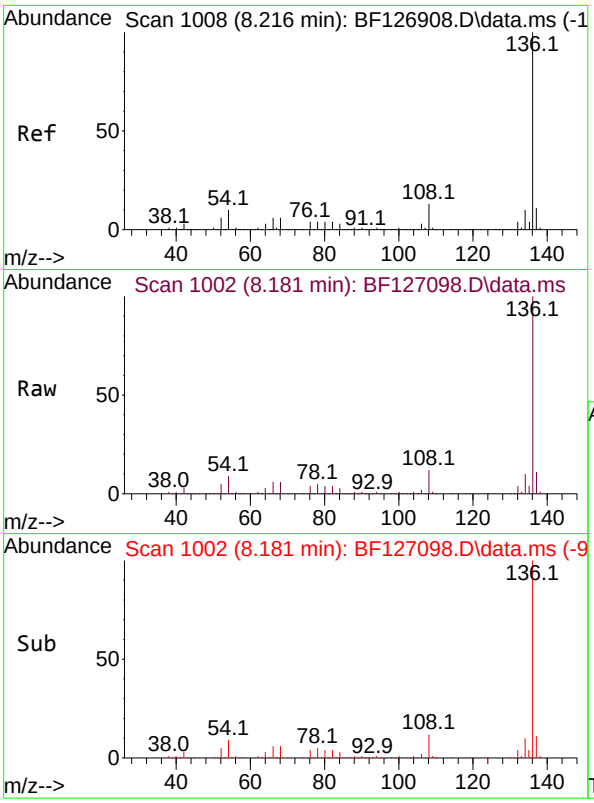


#19
n-Nitroso-di-n-propylamine
Concen: 10.236 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.141 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

Tgt Ion: 70 Resp: 56040

Ion	Ratio	Lower	Upper
70	100		
42	45.7	45.8	68.8#
101	0.0	6.9	10.3#
130	1.7	14.4	21.6#



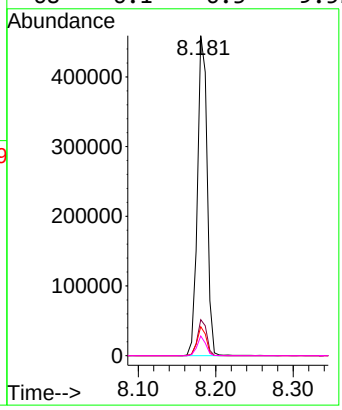


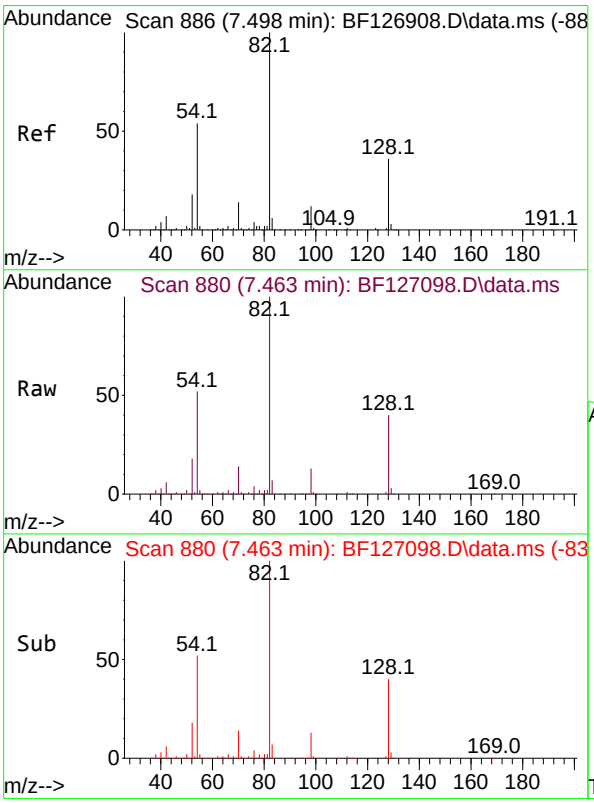
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

Instrument :
BNA_F
ClientSampleId :
TP-11

Tgt Ion:136 Resp: 397497

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.0	7.8	11.6
68	6.1	6.3	9.5#

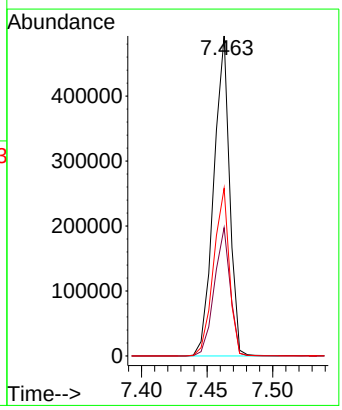


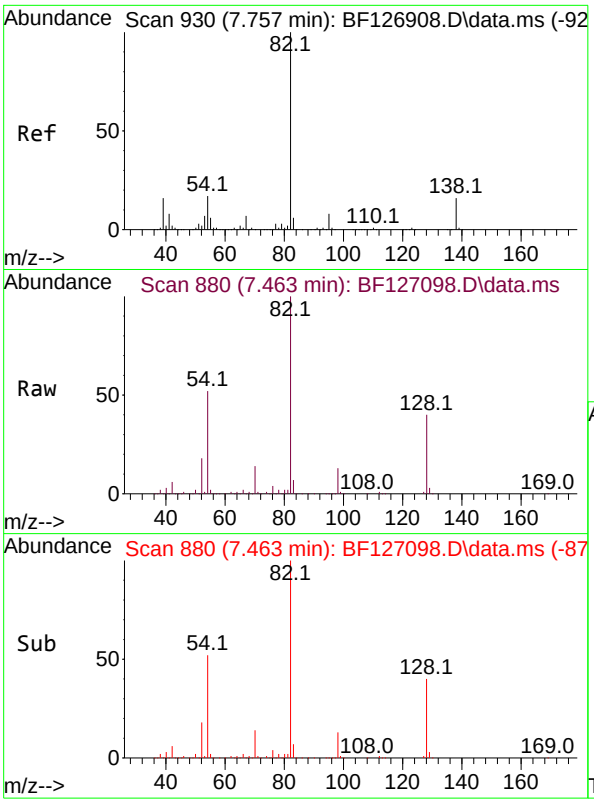


#23
Nitrobenzene-d5
Concen: 46.950 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

Tgt Ion: 82 Resp: 413458

Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.7	49.1
54	52.4	41.7	62.5



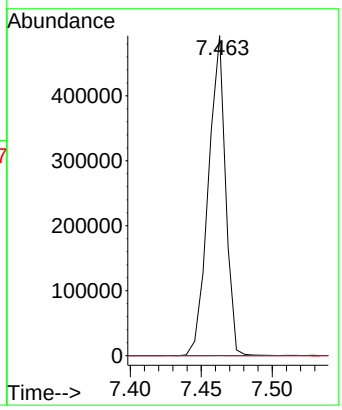


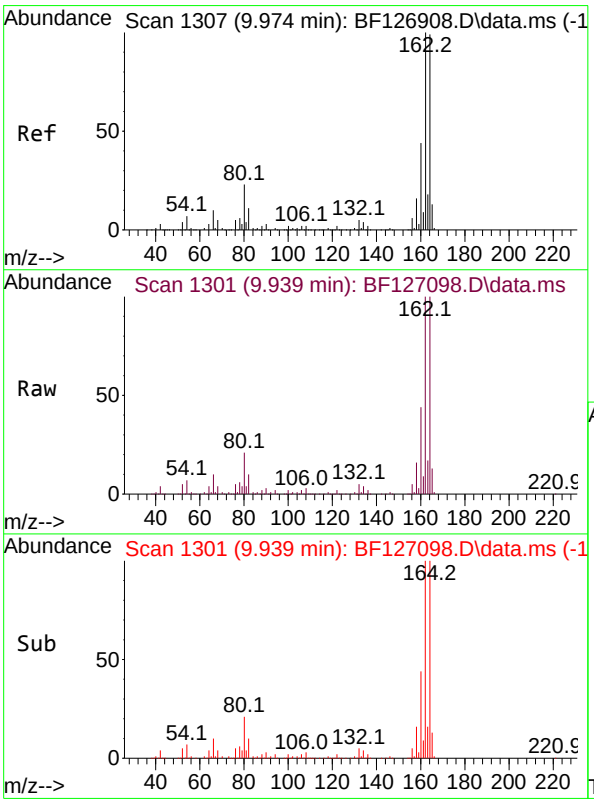
#25
Isophorone
Concen: 28.379 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.271 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

Instrument :
BNA_F
ClientSampleId :
TP-11

Tgt Ion: 82 Resp: 413548

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.0	7.4#
138	0.0	12.3	18.5#

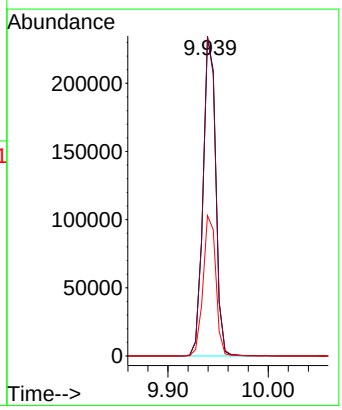


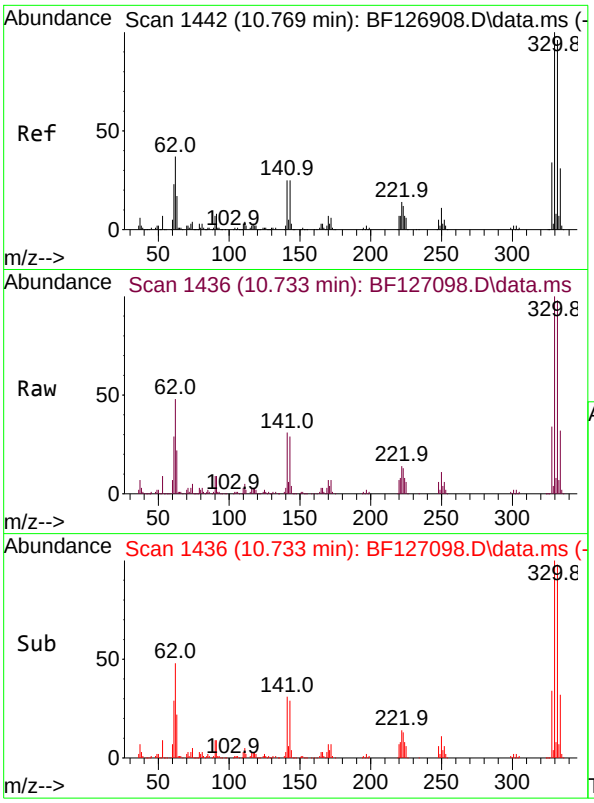


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

Tgt Ion:164 Resp: 206466

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.4	122.0
160	44.1	36.6	54.8



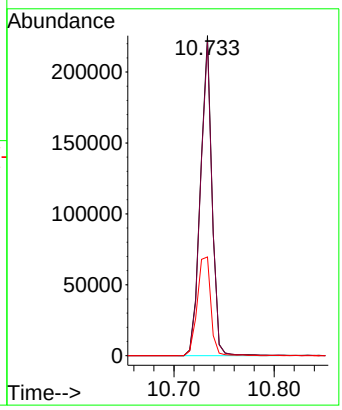


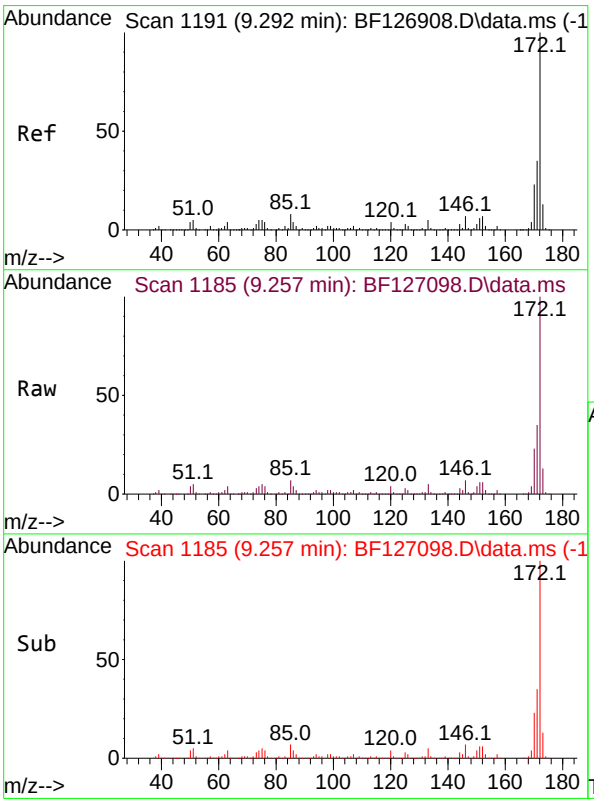
#42
2,4,6-Tribromophenol
Concen: 75.869 ng
RT: 10.733 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

Instrument :
BNA_F
ClientSampleId :
TP-11

Tgt Ion:330 Resp: 180354

Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.0	114.0
141	36.3	30.1	45.1

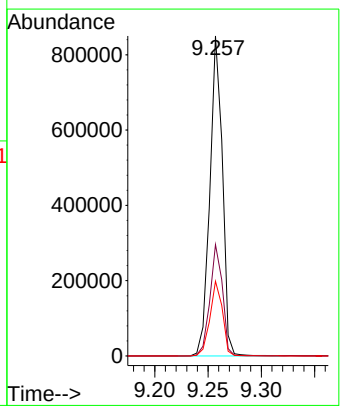


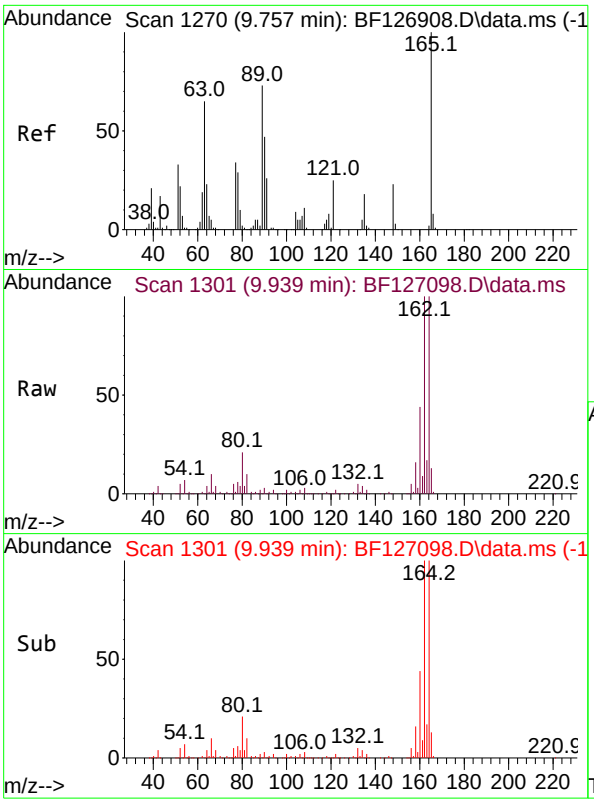


#45
2-Fluorobiphenyl
Concen: 49.615 ng
RT: 9.257 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

Tgt Ion:172 Resp: 695842

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	23.4	19.0	28.6



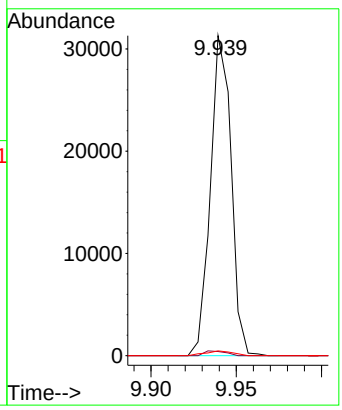


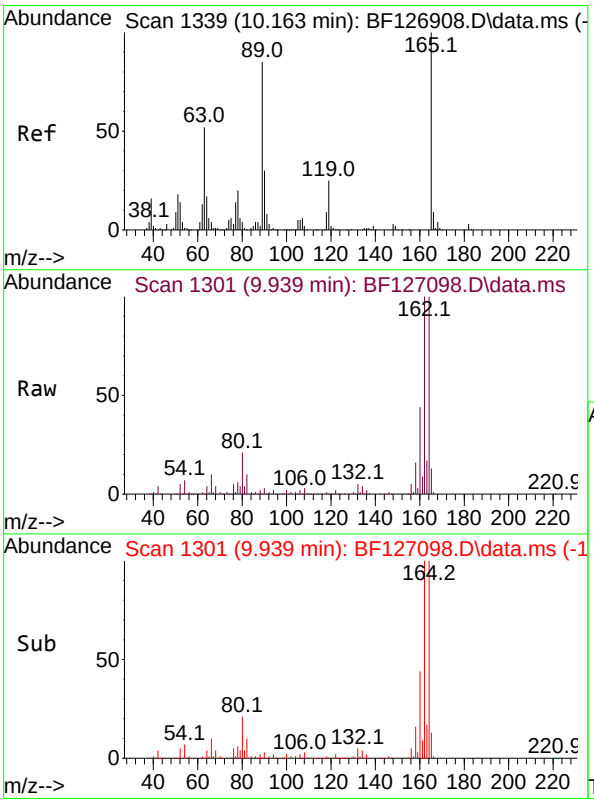
#51
2,6-Dinitrotoluene
Concen: 8.806 ng
RT: 9.939 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

Instrument :
BNA_F
ClientSampleId :
TP-11

Tgt Ion:165 Resp: 26441

Ion	Ratio	Lower	Upper
165	100		
63	1.3	48.4	72.6#
89	1.5	50.5	75.7#

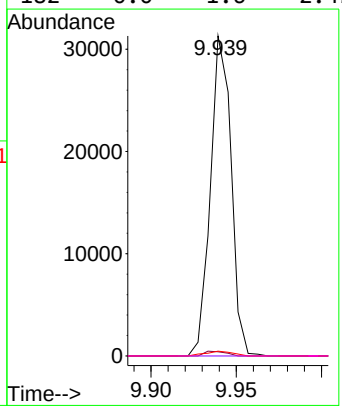


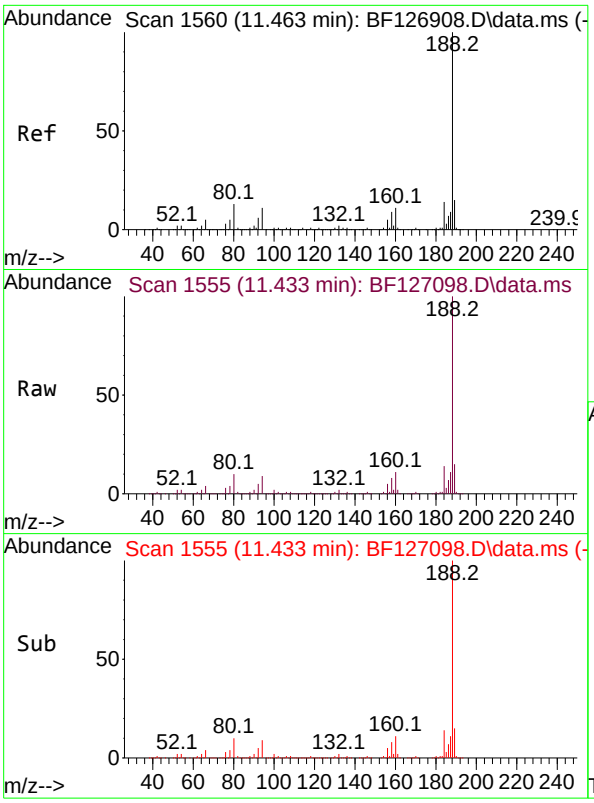


#57
2,4-Dinitrotoluene
Concen: 6.513 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.200 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

Tgt Ion:165 Resp: 26441

Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.0	64.6#
89	1.5	71.0	106.4#
182	0.0	1.6	2.4#



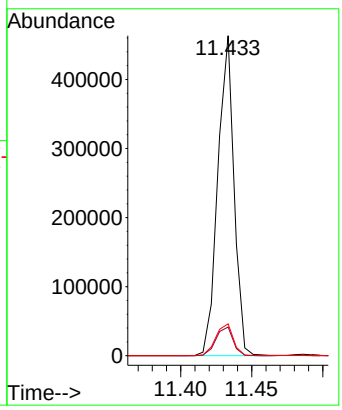


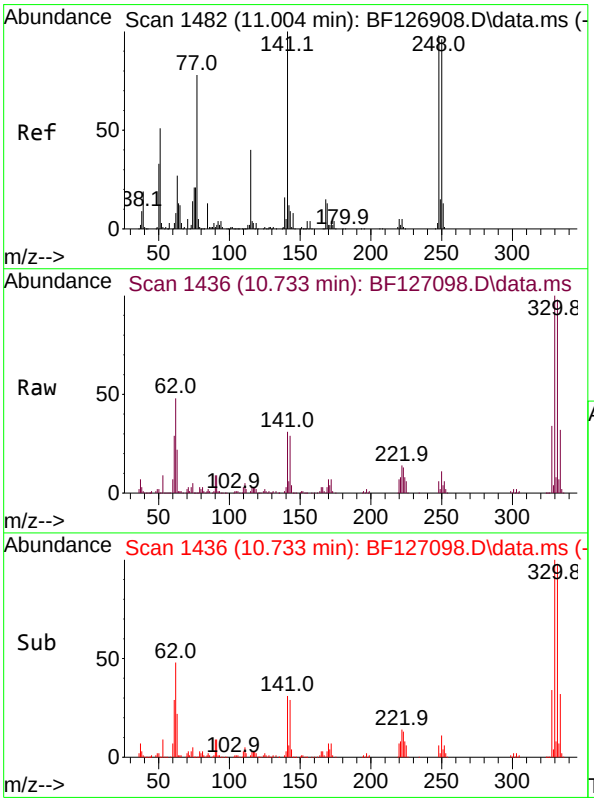
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

Instrument :
BNA_F
ClientSampleId :
TP-11

Tgt Ion:188 Resp: 366709

Ion	Ratio	Lower	Upper
188	100		
94	9.0	10.1	15.1#
80	9.9	11.8	17.6#

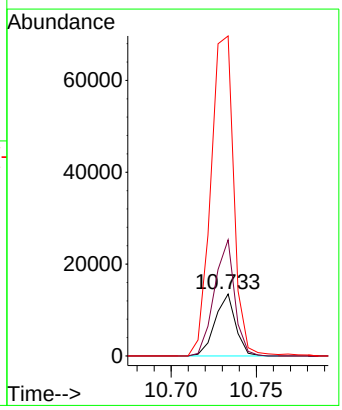


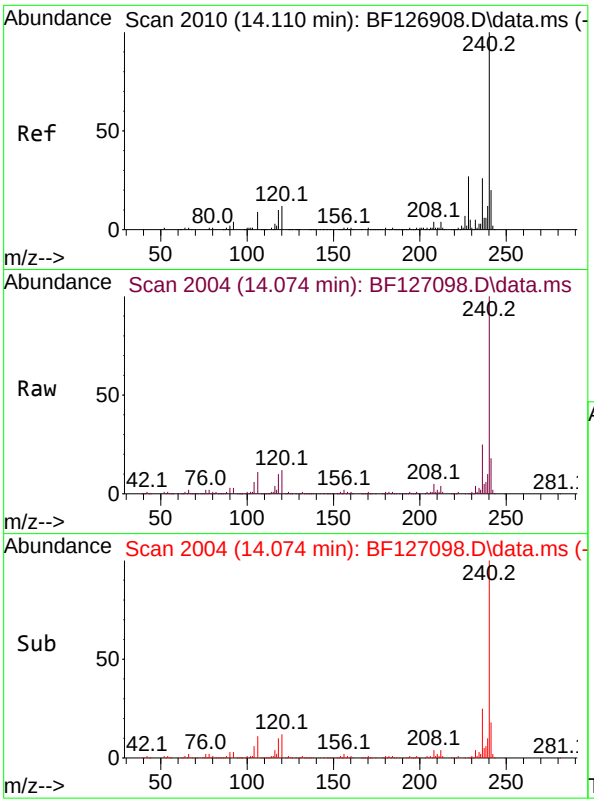


#67
4-Bromophenyl-phenylether
Concen: 2.757 ng
RT: 10.733 min Scan# 1436
Delta R.T. -0.253 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

Tgt Ion:248 Resp: 11298

Ion	Ratio	Lower	Upper
248	100		
250	187.6	76.2	114.4#
141	516.9	66.2	99.4#



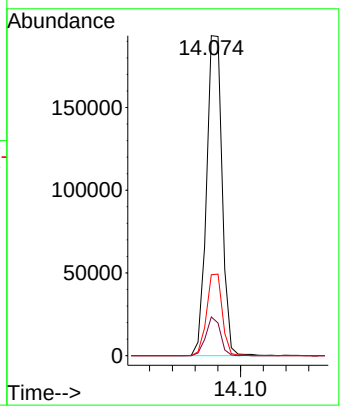


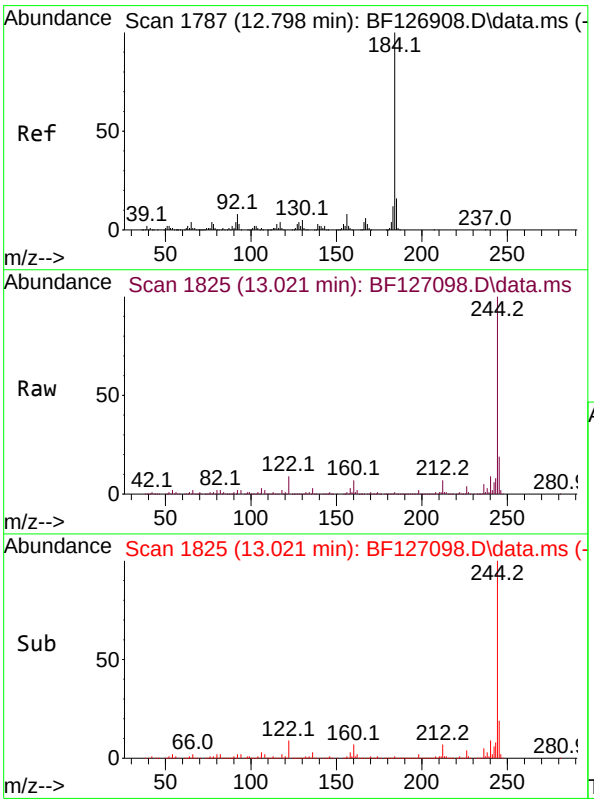
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

Instrument :
BNA_F
ClientSampleId :
TP-11

Tgt Ion:240 Resp: 183734

Ion	Ratio	Lower	Upper
240	100		
120	12.1	14.4	21.6#
236	25.3	20.5	30.7

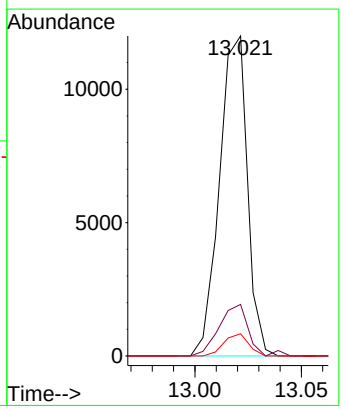


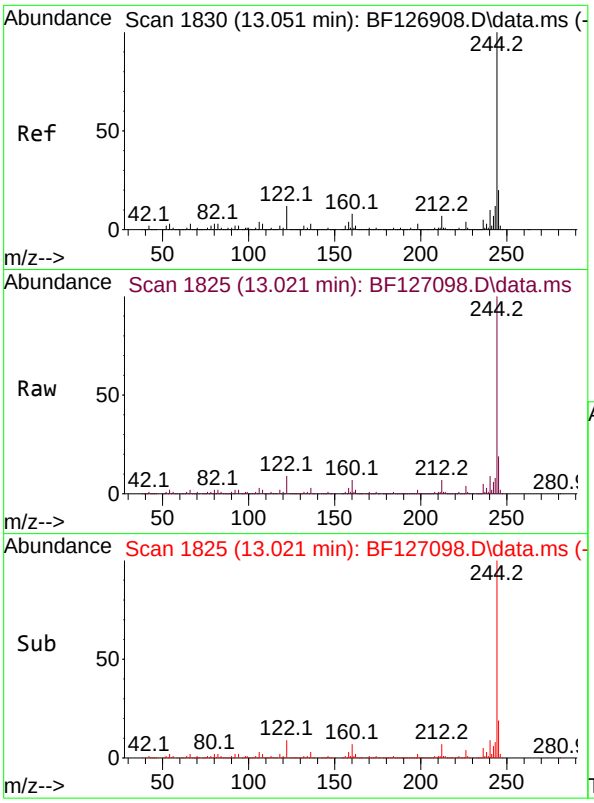


#77
Benzidine
Concen: 2.193 ng
RT: 13.021 min Scan# 1825
Delta R.T. 0.247 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

Tgt Ion:184 Resp: 10950

Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.8	17.8
183	6.9	8.2	12.2#



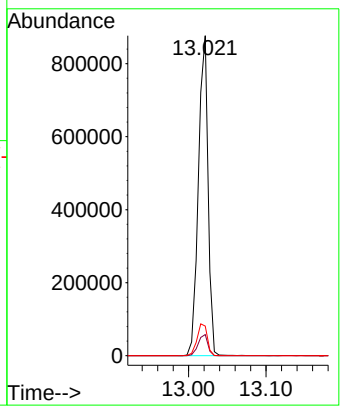


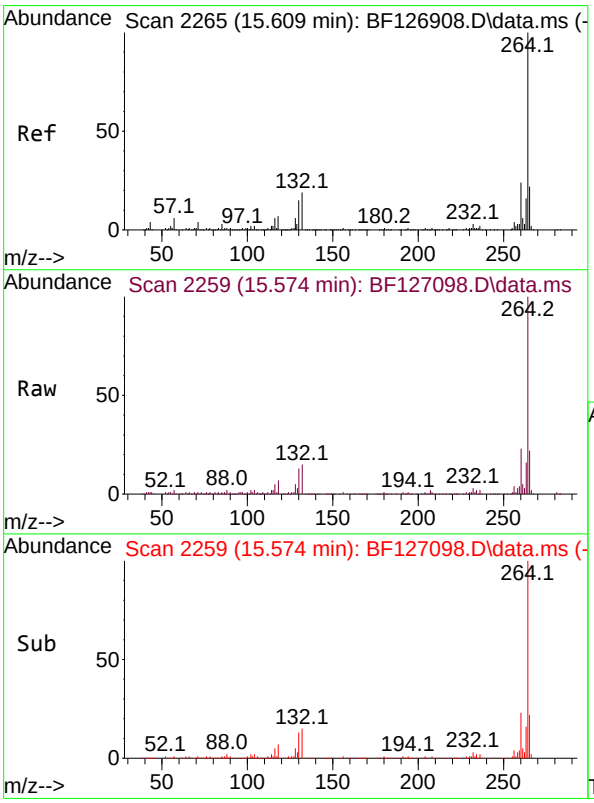
#79
Terphenyl-d14
Concen: 60.649 ng
RT: 13.021 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

Instrument :
BNA_F
ClientSampleId :
TP-11

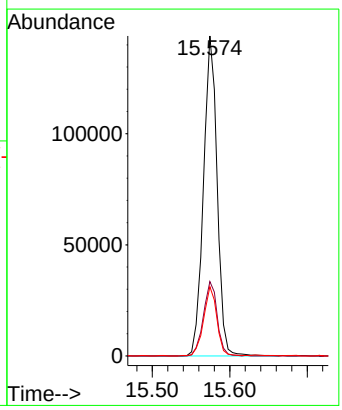
Tgt Ion:244 Resp: 758028

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.0	7.4
122	9.3	13.3	19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2259
Delta R.T. -0.012 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

Tgt Ion:264 Resp: 176177

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.7	17.4	26.2