Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
Data File : BF126989.D
Acq On : 21 Feb 2022 22:40
Operator : CG\JU
Sample : N1602-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 22 03:53:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 21 13:16:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	85475	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	351504	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	187137	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	331398	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	142212	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	159352	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	534595	96.666	ng	0.00
7) Phenol-d6	6.534	99	699699	93.764	ng	-0.01
23) Nitrobenzene-d5	7.475	82	486951	62.530	ng	-0.02
42) 2,4,6-Tribromophenol	10.745	330	144637	67.129	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	757538	59.593	ng	0.00
79) Terphenyl-d14	13.027	244	704624	72.837	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	66711	13.874	ng	# 79
25) Isophorone	7.475	82	486688	37.768	ng	# 69
51) 2,6-Dinitrotoluene	9.957	165	24315	8.935	ng	# 21
57) 2,4-Dinitrotoluene	9.957	165	24315	6.608	ng	# 15
67) 4-Bromophenyl-phenylether	10.745	248	8501	2.296	ng	# 1
77) Benzidine	13.027	184	10927	2.827	ng	98

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

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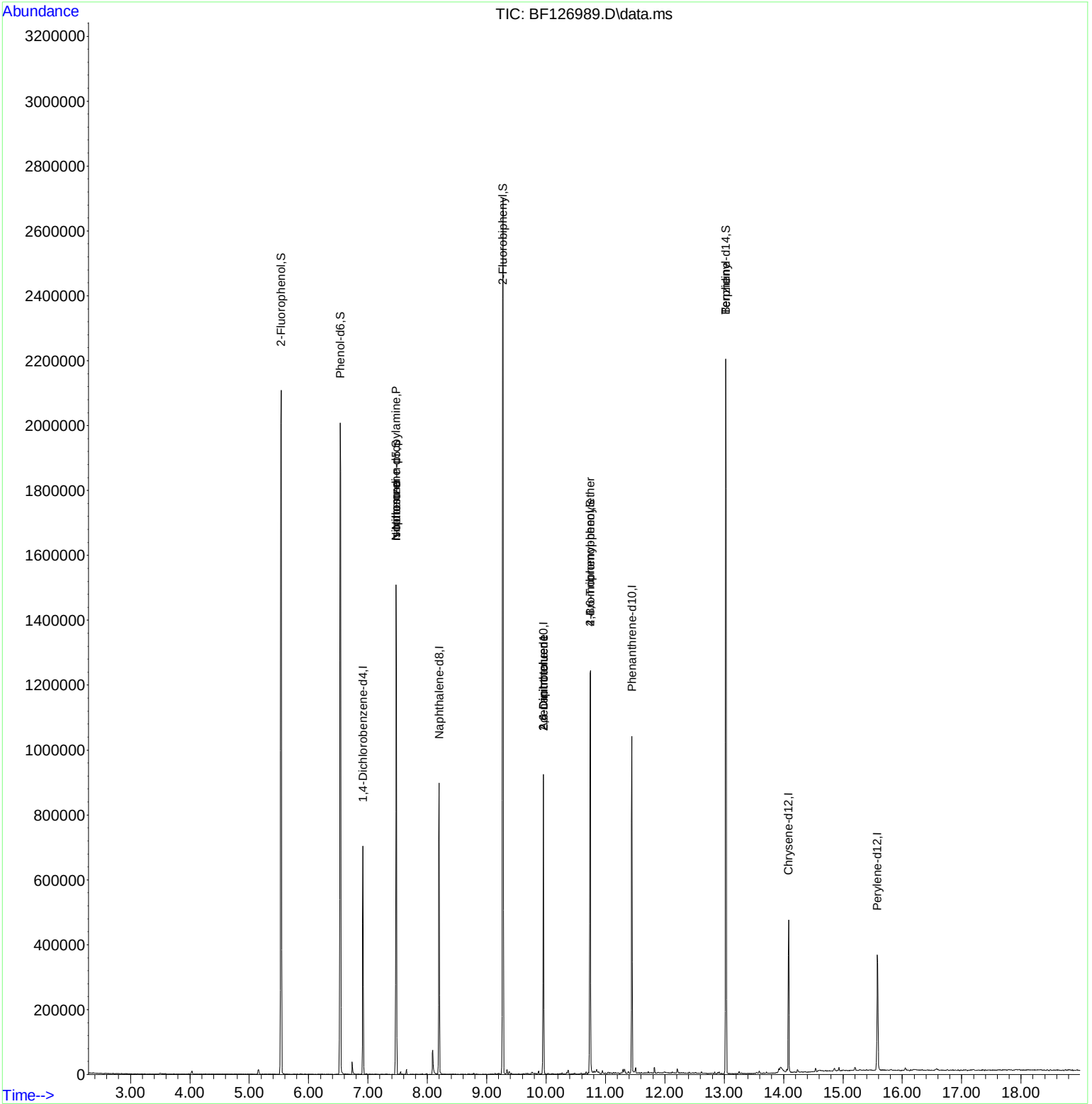
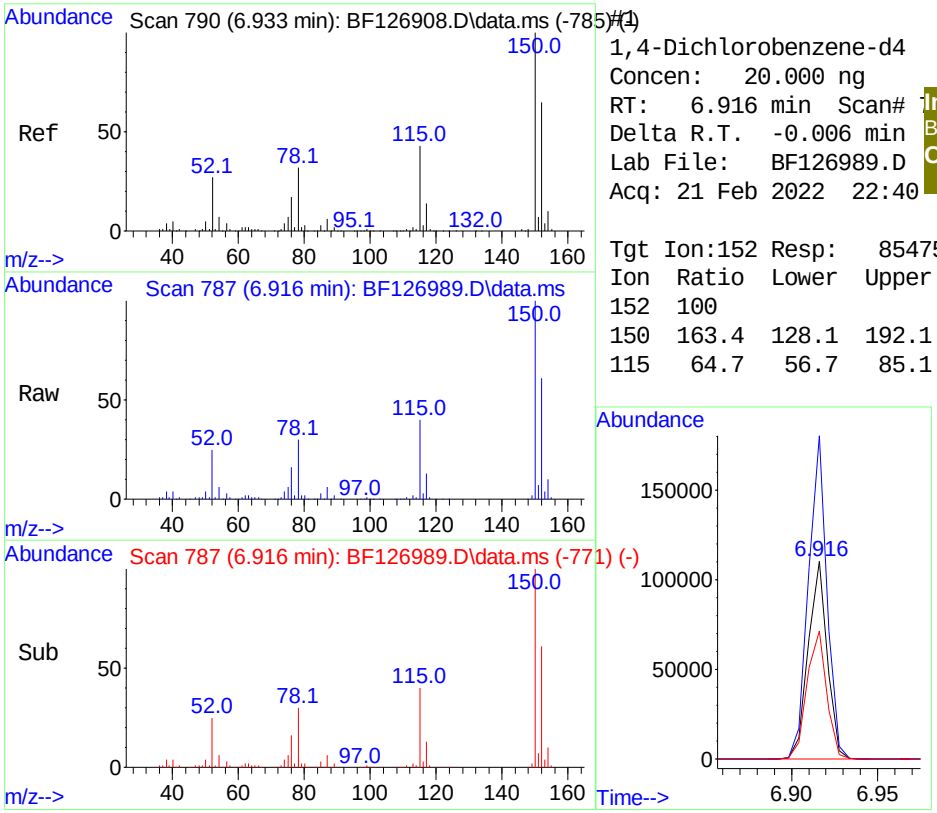


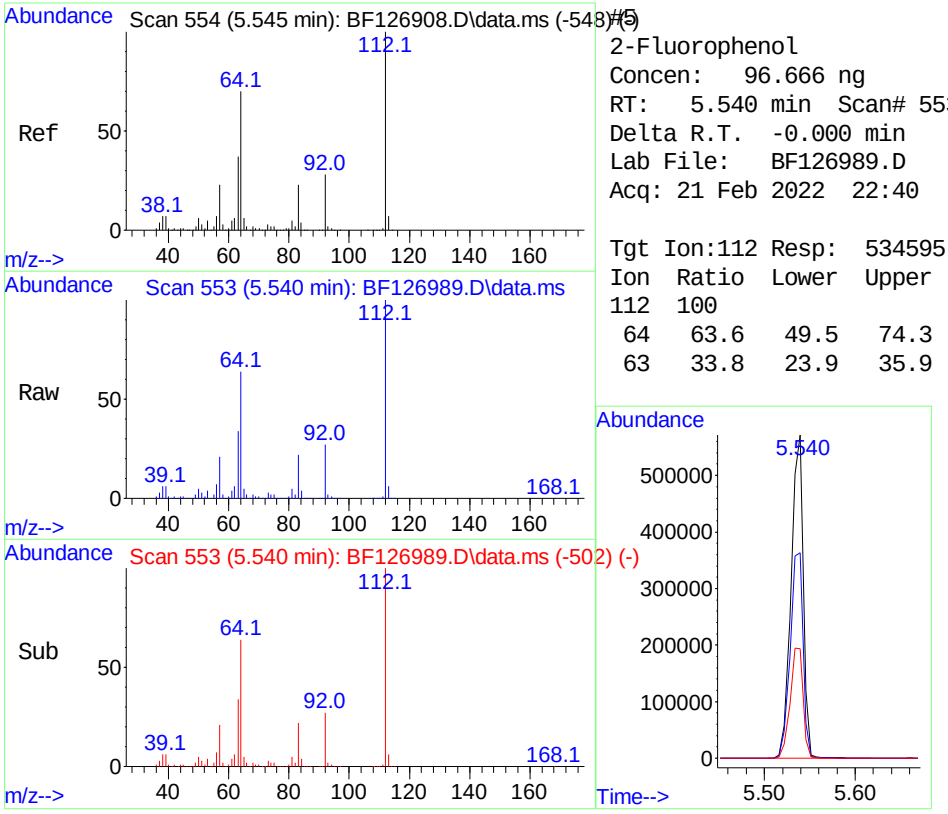


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 85475

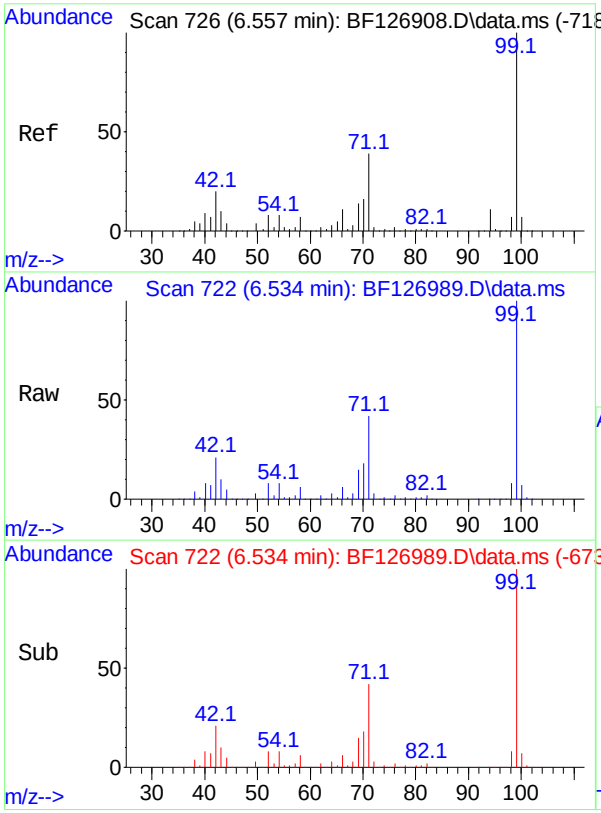
Ion	Ratio	Lower	Upper
152	100		
150	163.4	128.1	192.1
115	64.7	56.7	85.1



#5
2-Fluorophenol
Concen: 96.666 ng
RT: 5.540 min Scan# 553
Delta R.T. -0.000 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Tgt Ion:112 Resp: 534595

Ion	Ratio	Lower	Upper
112	100		
64	63.6	49.5	74.3
63	33.8	23.9	35.9

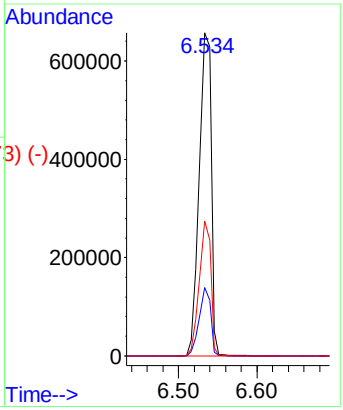


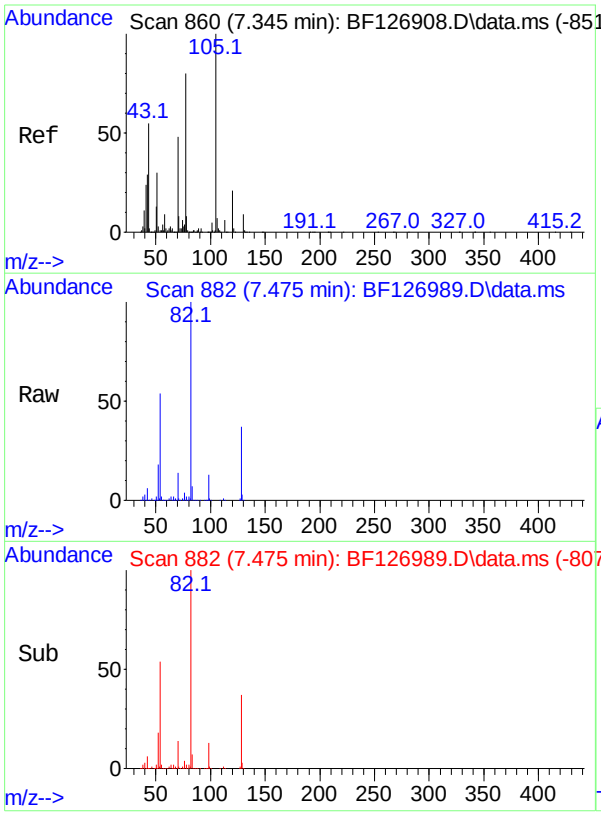
#7
Phenol-d6
Concen: 93.764 ng
RT: 6.534 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 699699

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.2	21.4
71	41.7	24.3	36.5#

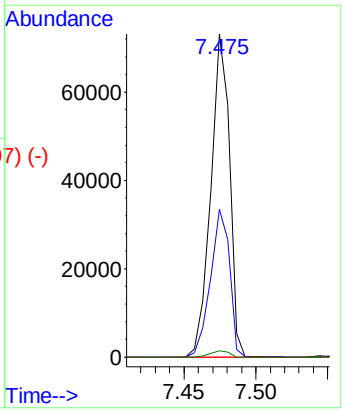


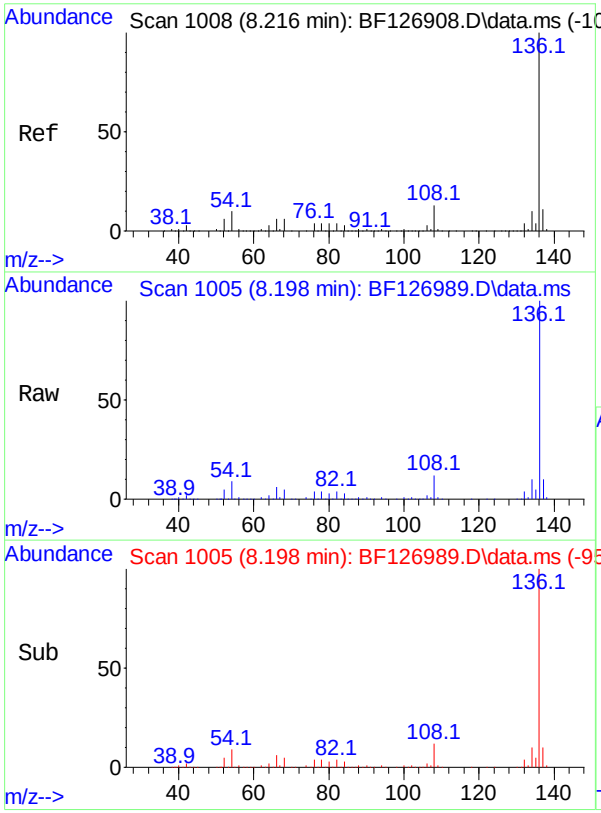


#10
n-Nitroso-di-n-propylamine
Concen: 13.874 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.141 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Tgt Ion: 70 Resp: 66711

Ion	Ratio	Lower	Upper
70	100		
42	45.7	45.8	68.8#
101	0.0	6.9	10.3#
130	1.9	14.4	21.6#



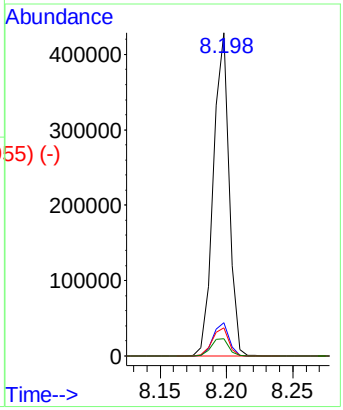


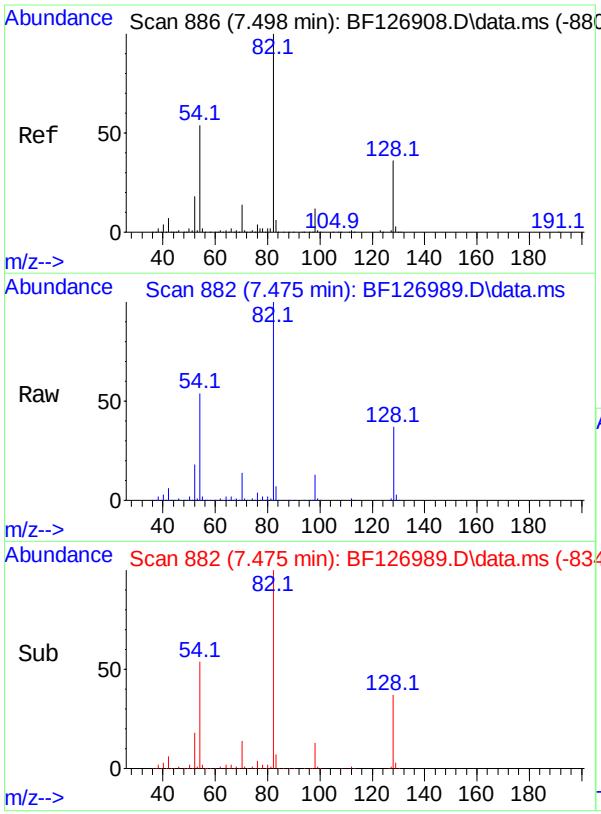
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 351504

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	13.0
54	8.6	7.8	11.6
68	5.3	6.3	9.5#

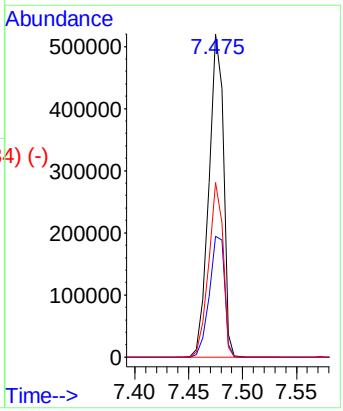


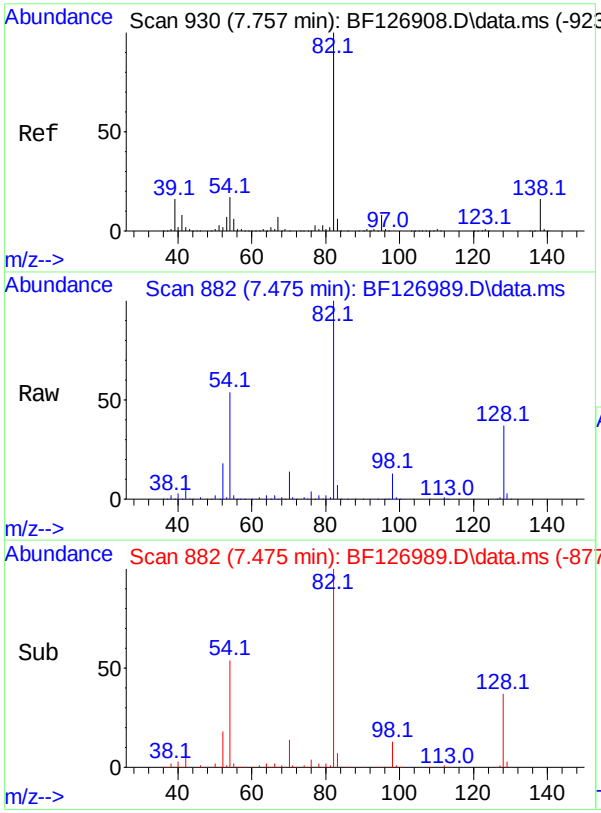


#23
Nitrobenzene-d5
Concen: 62.530 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.018 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Tgt Ion: 82 Resp: 486951

Ion	Ratio	Lower	Upper
82	100		
128	37.4	32.7	49.1
54	54.0	41.7	62.5



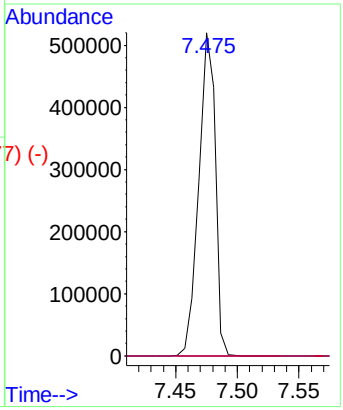


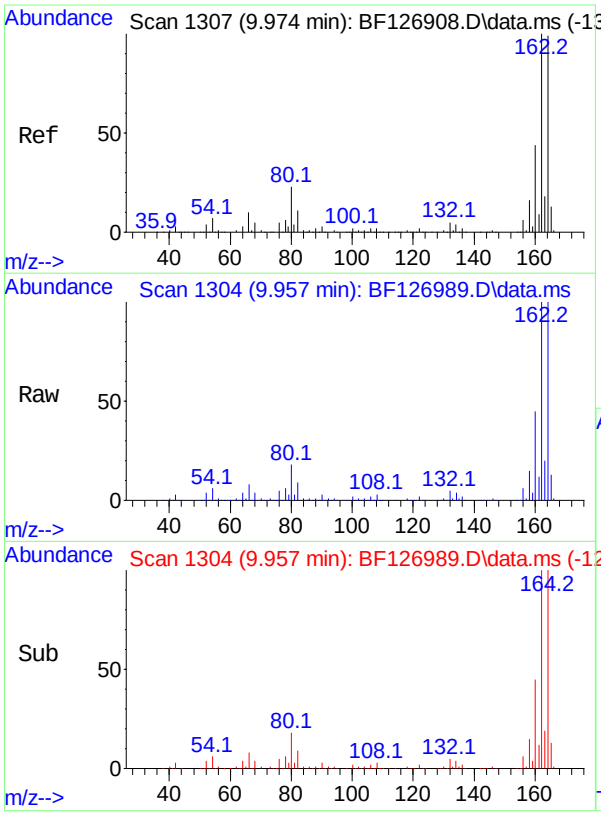
#25
Isophorone
Concen: 37.768 ng
RT: 7.475 min Scan# 8
Delta R.T. -0.271 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 486688

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

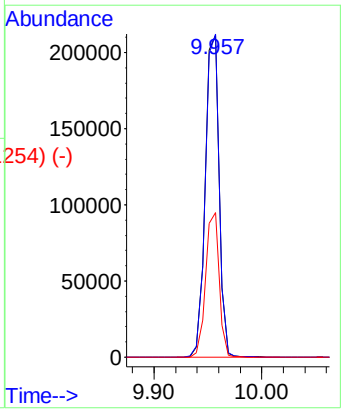


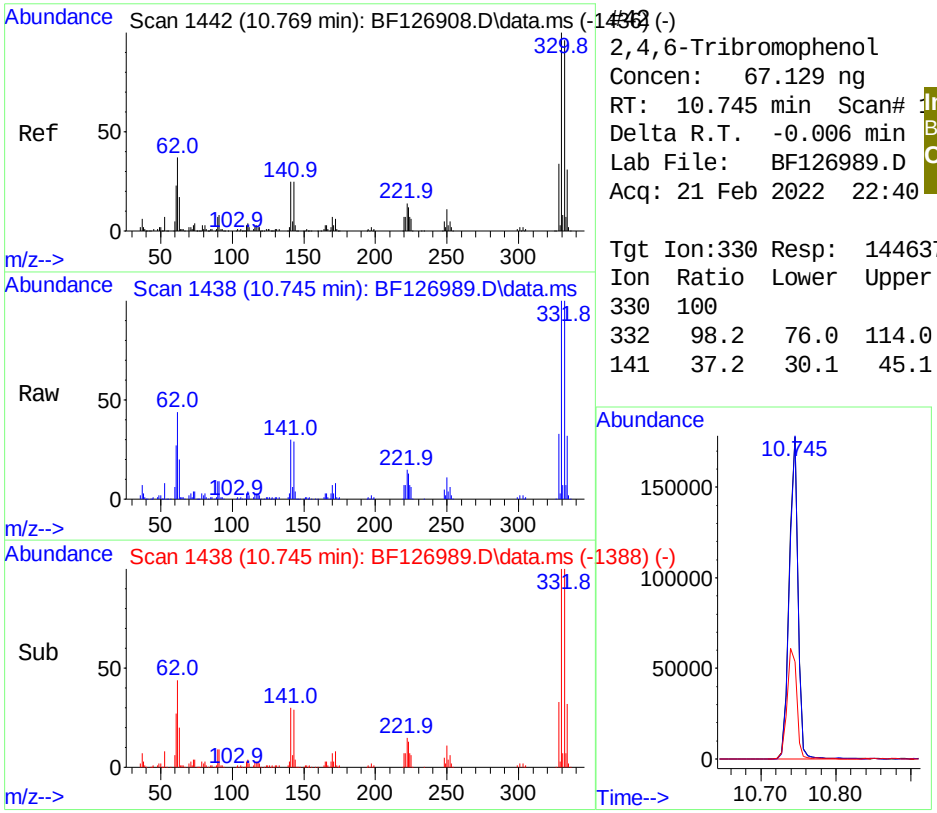


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Tgt Ion:164 Resp: 187137

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.4	122.0
160	44.8	36.6	54.8



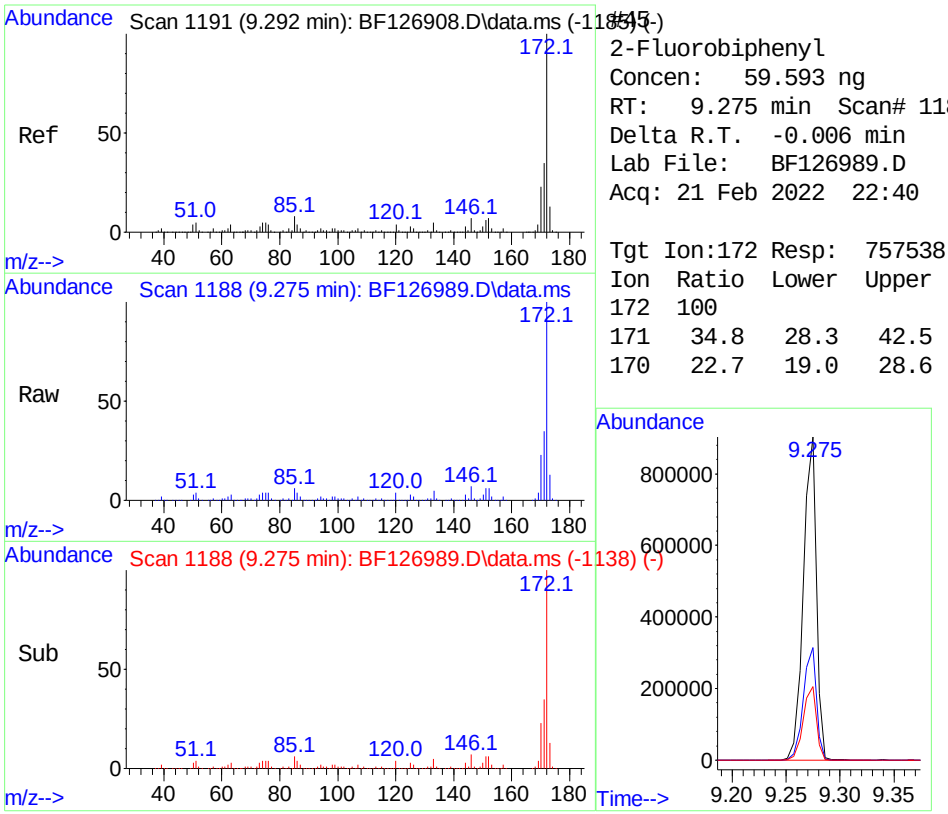


#42
2,4,6-Tribromophenol
Concen: 67.129 ng
RT: 10.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 144637

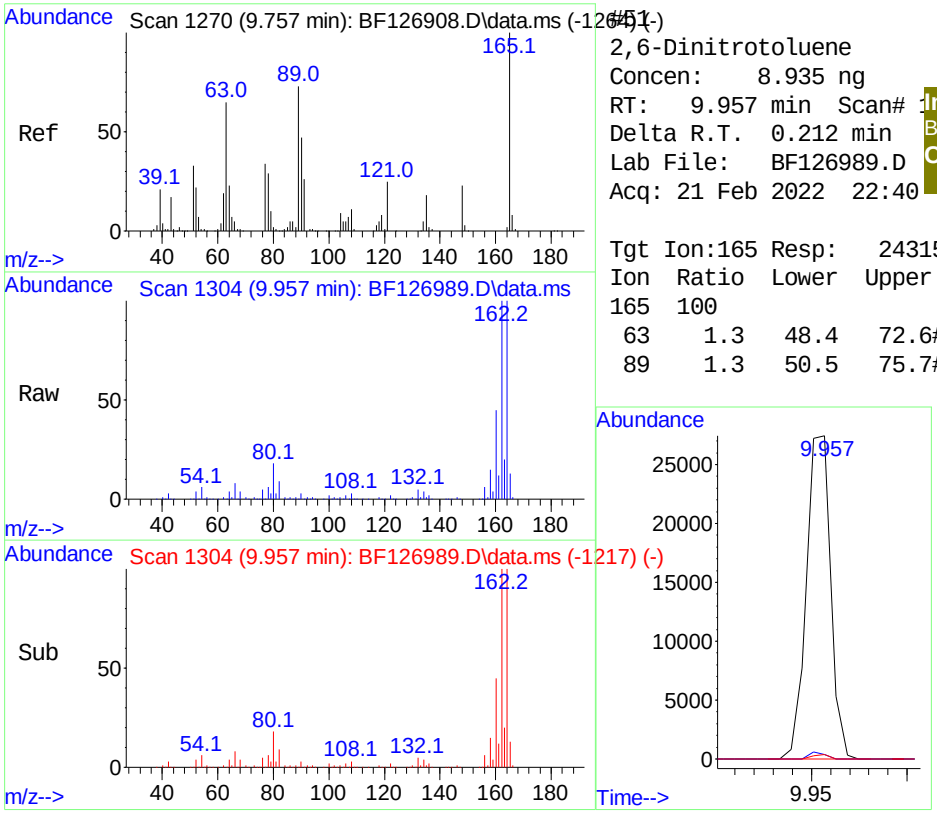
Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.0	114.0
141	37.2	30.1	45.1



#45
2-Fluorobiphenyl
Concen: 59.593 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Tgt Ion:172 Resp: 757538

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	22.7	19.0	28.6

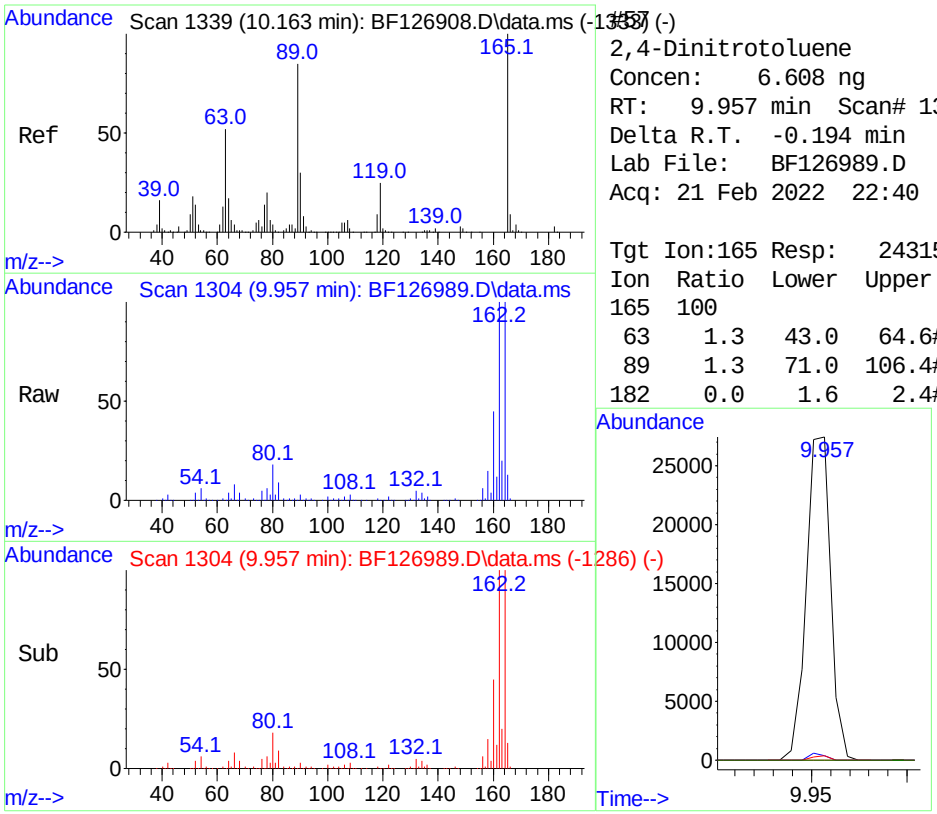


#51
2,6-Dinitrotoluene
Concen: 8.935 ng
RT: 9.957 min Scan# 1
Delta R.T. 0.212 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24315

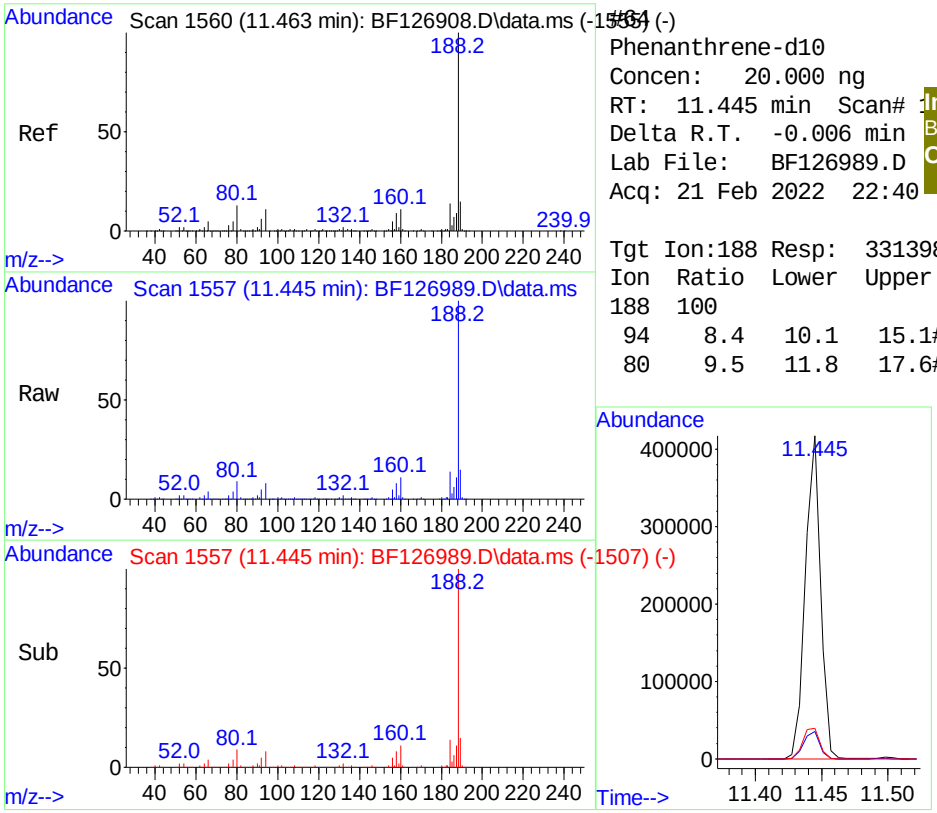
Ion	Ratio	Lower	Upper
165	100		
63	1.3	48.4	72.6#
89	1.3	50.5	75.7#



#57
2,4-Dinitrotoluene
Concen: 6.608 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.194 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Tgt Ion:165 Resp: 24315

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

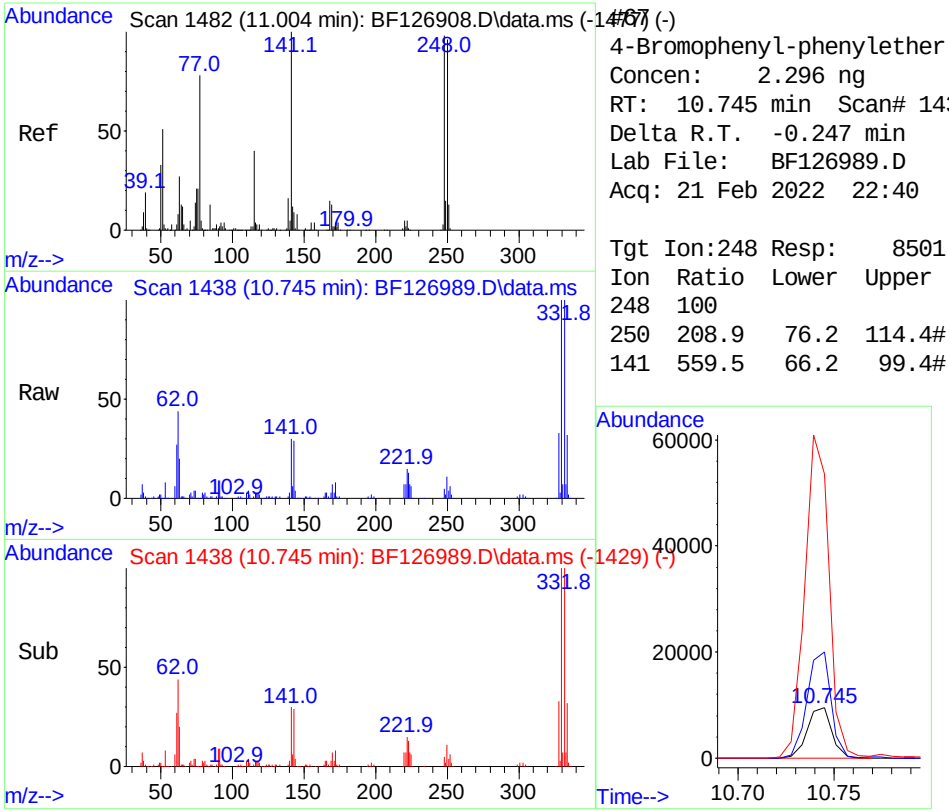


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 331398

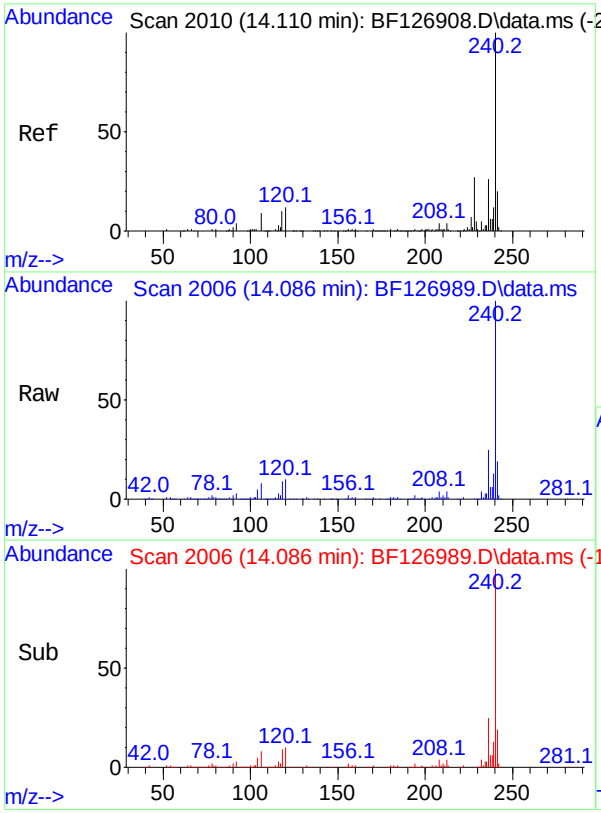
Ion	Ratio	Lower	Upper
188	100		
94	8.4	10.1	15.1#
80	9.5	11.8	17.6#



#67
4-Bromophenyl-phenylether
Concen: 2.296 ng
RT: 10.745 min Scan# 1438
Delta R.T. -0.247 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Tgt Ion:248 Resp: 8501

Ion	Ratio	Lower	Upper
248	100		
250	208.9	76.2	114.4#
141	559.5	66.2	99.4#

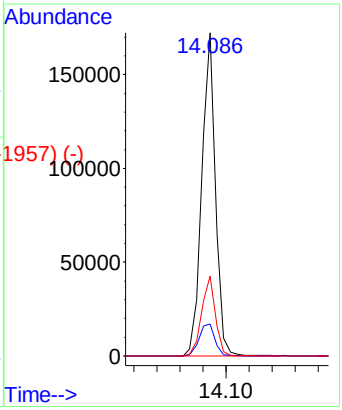


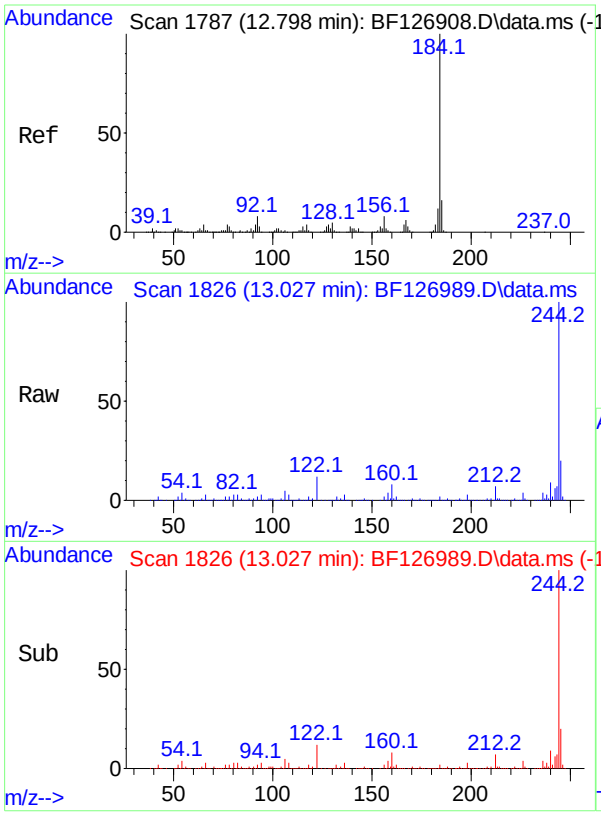
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 142212

Ion	Ratio	Lower	Upper
240	100		
120	10.0	14.4	21.6#
236	24.7	20.5	30.7

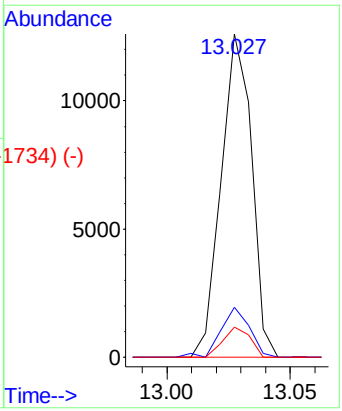


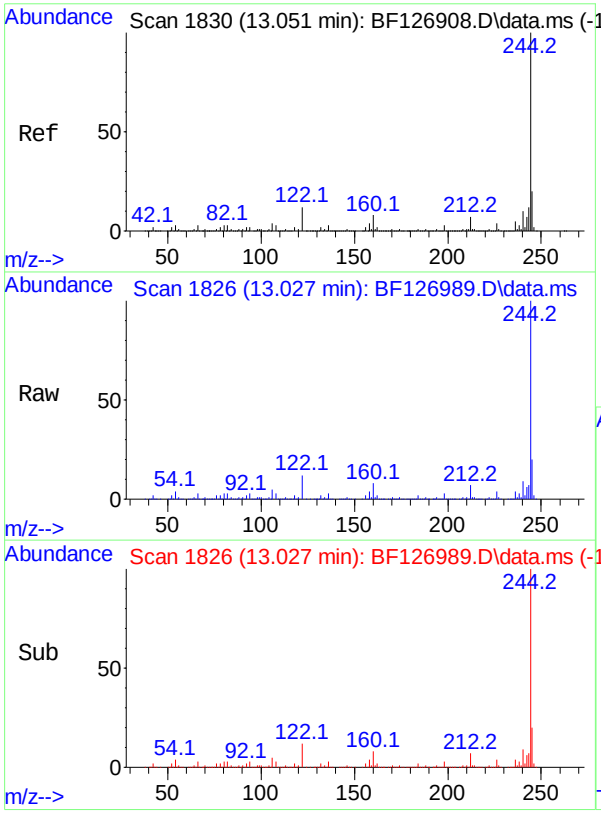


#77
Benzidine
Concen: 2.827 ng
RT: 13.027 min Scan# 1826
Delta R.T. 0.241 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Tgt Ion:184 Resp: 10927

Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.8	17.8
183	9.3	8.2	12.2



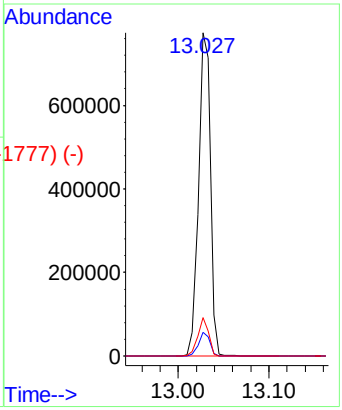


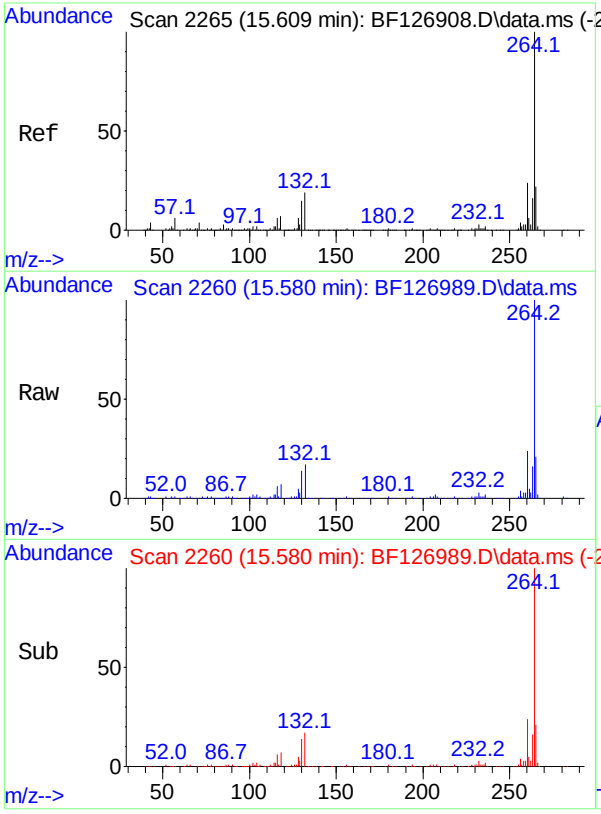
#79
Terphenyl-d14
Concen: 72.837 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 704624

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.0	7.4
122	11.8	13.3	19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2260
Delta R.T. -0.012 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Tgt Ion:264 Resp: 159352

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	20.6	17.4	26.2