Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111321\
Data File : BF126167.D
Acq On : 13 Nov 2021 14:18
Operator : JU/CG
Sample : PB140723BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB140723BL

Quant Time: Nov 15 08:03:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	92752	20.00	ng	-0.02
21) Naphthalene-d8	8.116	136	349639	20.00	ng	-0.02
39) Acenaphthene-d10	9.869	164	217252	20.00	ng	-0.02
64) Phenanthrene-d10	11.357	188	418483	20.00	ng	#-0.02
76) Chrysene-d12	13.998	240	295042	20.00	ng	#-0.01
86) Perylene-d12	15.462	264	221554	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	765977	141.82	ng	0.00
7) Phenol-d6	6.463	99	972179	127.69	ng	-0.02
23) Nitrobenzene-d5	7.392	82	714090	96.32	ng	-0.03
42) 2,4,6-Tribromophenol	10.663	330	401040	161.08	ng	-0.02
45) 2-Fluorobiphenyl	9.192	172	1457213	90.64	ng	-0.02
79) Terphenyl-d14	12.951	244	1856095	101.44	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.463	77	2035	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.392	70	103005	20.52	ng	# 63
25) Isophorone	7.392	82	708478	53.08	ng	# 59
48) 2-Nitroaniline	9.192	65	3244	3.56	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	28235	10.41	ng	# 28
57) 2,4-Dinitrotoluene	9.869	165	28235	9.92	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.663	198	1219	8.82	ng	# 32
67) 4-Bromophenyl-phenylether	10.663	248	26937	5.31	ng	# 1
77) Benzidine	12.951	184	27845	2.82	ng	# 94

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

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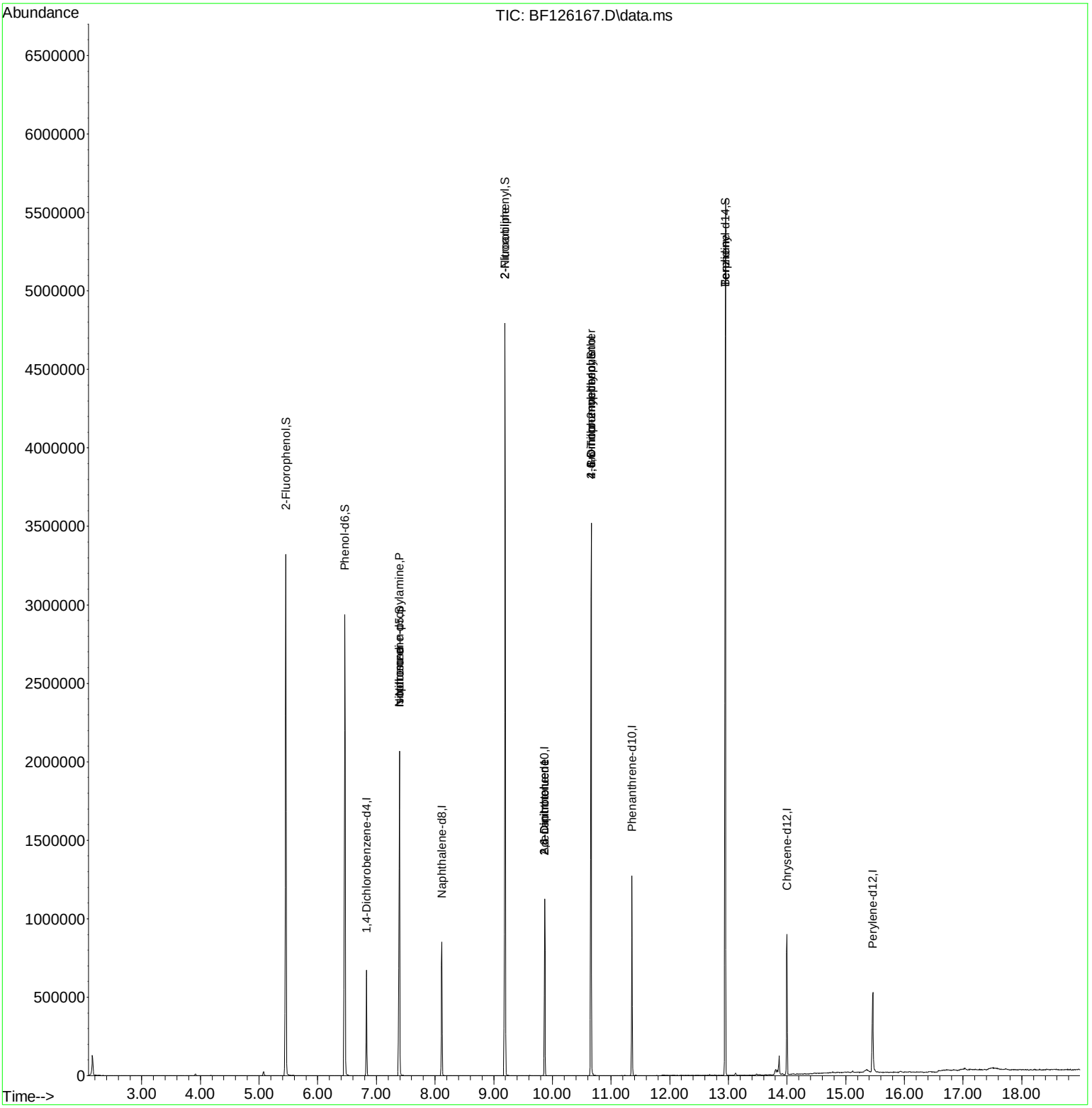
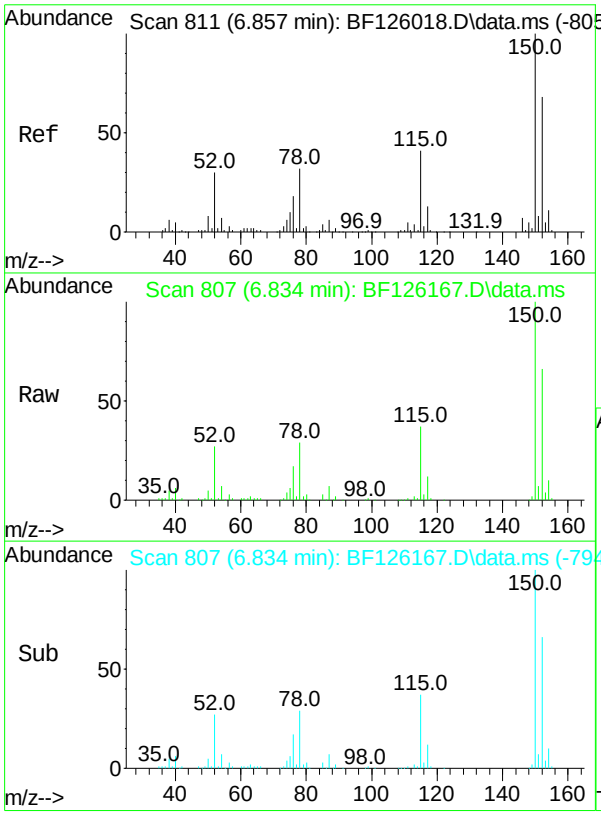




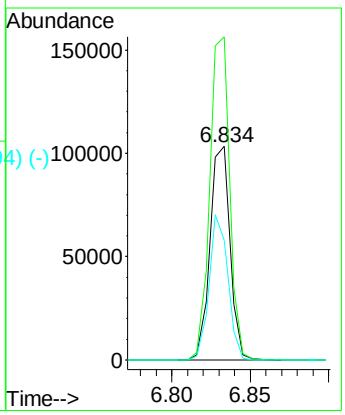
#1

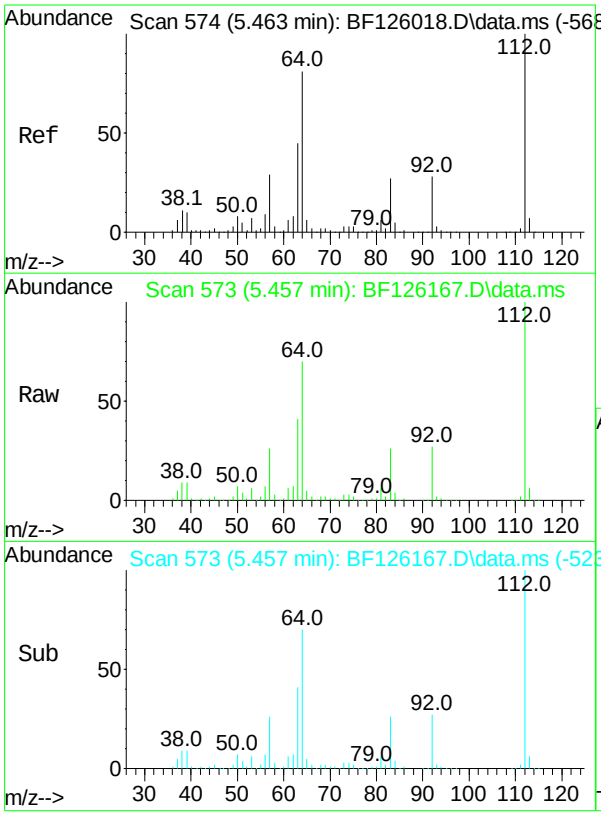
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.834 min Scan# 8
Delta R.T. -0.023 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

Instrument :
BNA_F
ClientSampleId :
PB140723BL

Tgt Ion:152 Resp: 92752

Ion	Ratio	Lower	Upper
152	100		
150	151.3	117.6	176.4
115	56.0	47.1	70.7



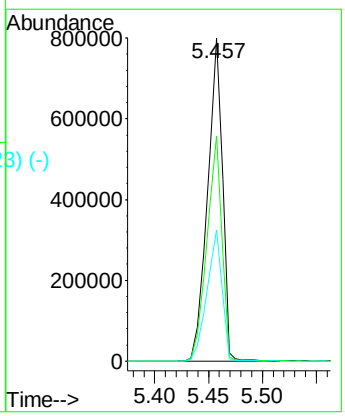


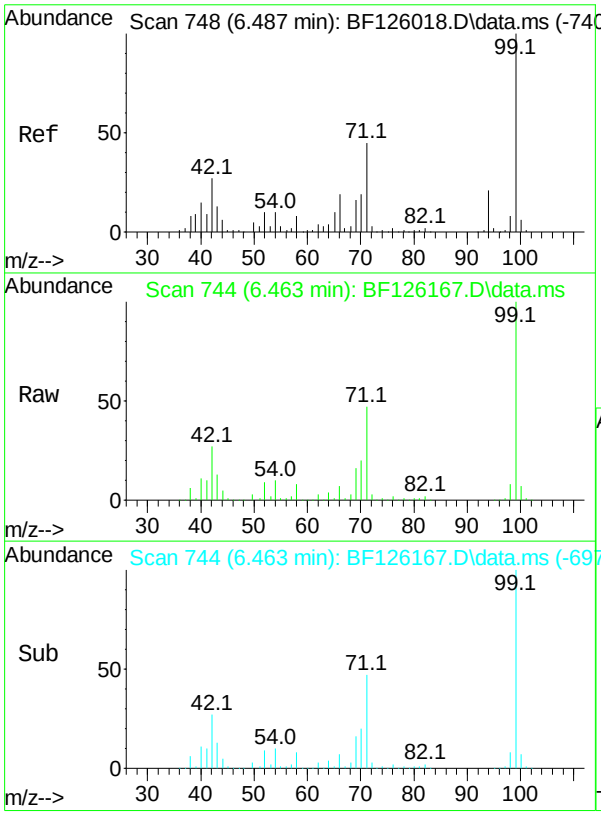
#5

2-Fluorophenol
Concen: 141.82 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

Tgt Ion:112 Resp: 765977

Ion	Ratio	Lower	Upper
112	100		
64	69.8	44.2	66.2#
63	40.5	26.2	39.2#



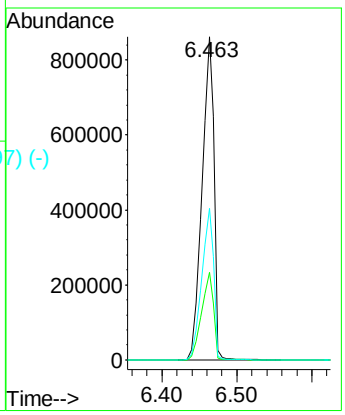


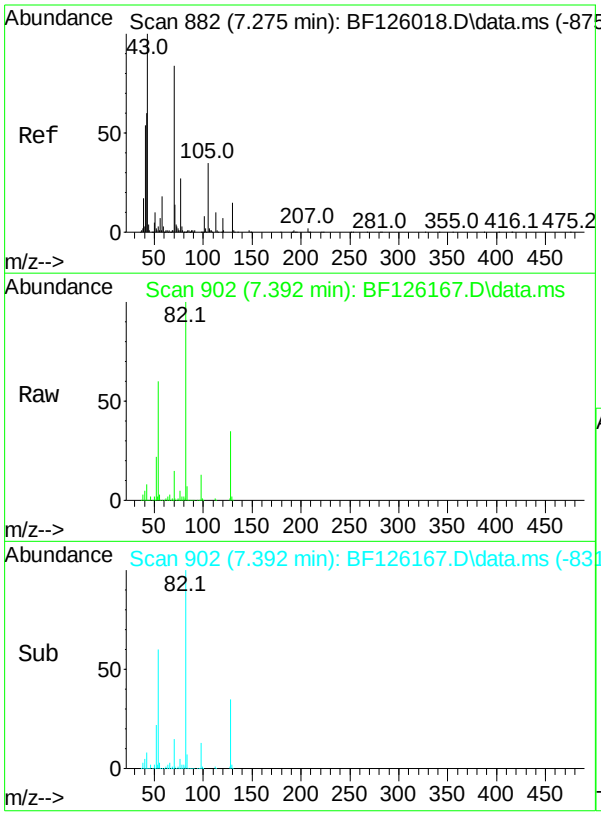
#7
Phenol-d6
Concen: 127.69 ng
RT: 6.463 min Scan# 7
Delta R.T. -0.024 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

Instrument :
BNA_F
ClientSampleId :
PB140723BL

Tgt Ion: 99 Resp: 972179

Ion	Ratio	Lower	Upper
99	100		
42	27.2	23.5	35.3
71	47.0	25.6	38.4#

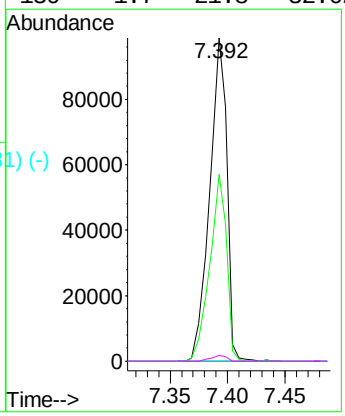


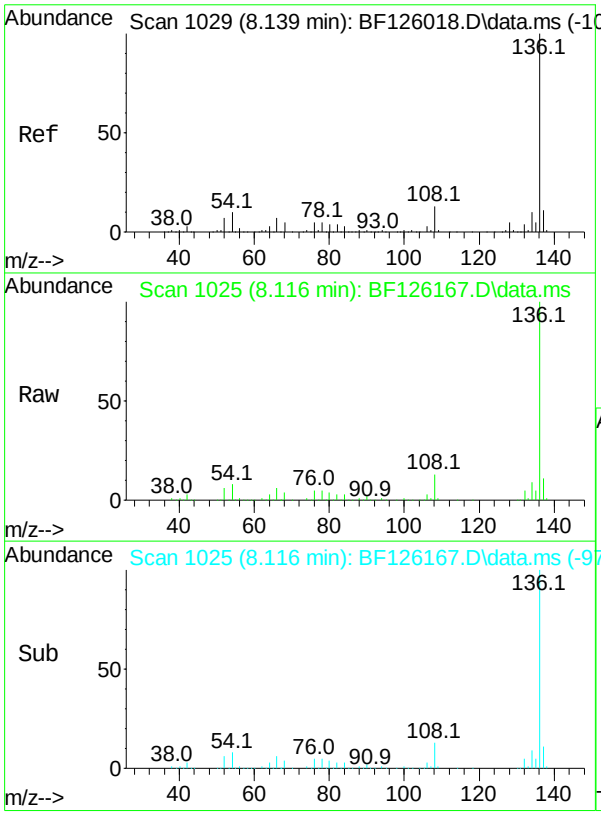


#19
n-Nitroso-di-n-propylamine
Concen: 20.52 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.118 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

Tgt Ion: 70 Resp: 103005

Ion	Ratio	Lower	Upper
70	100		
42	57.9	72.2	108.2#
101	0.0	7.8	11.8#
130	1.7	21.8	32.6#



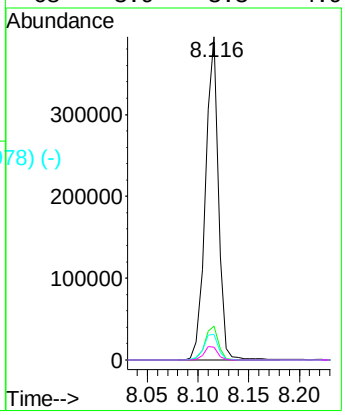


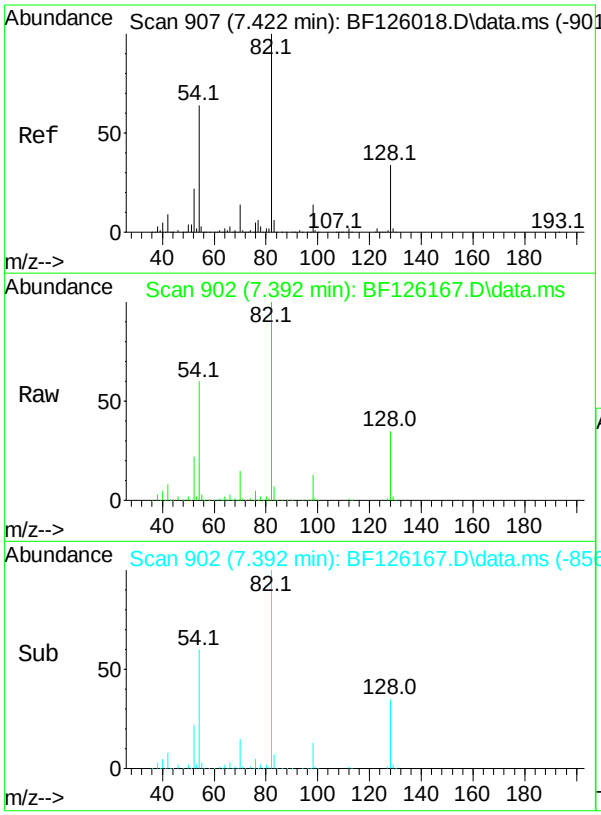
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1
Delta R.T. -0.023 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

Instrument :
BNA_F
ClientSampleId :
PB140723BL

Tgt Ion:136 Resp: 349639

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.6
54	8.0	6.4	9.6
68	3.9	3.3	4.9

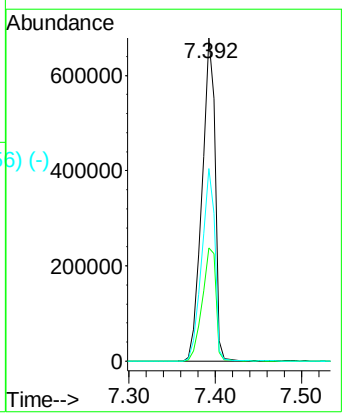


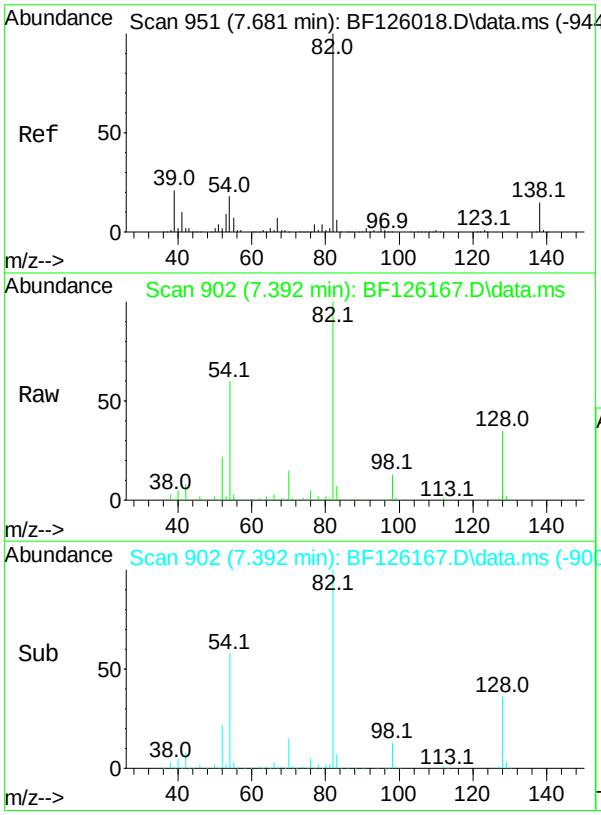


#23
Nitrobenzene-d5
Concen: 96.32 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.030 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

Tgt Ion: 82 Resp: 714090

Ion	Ratio	Lower	Upper
82	100		
128	35.1	40.6	60.8#
54	59.7	49.6	74.4



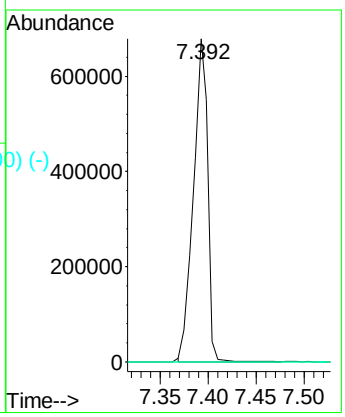


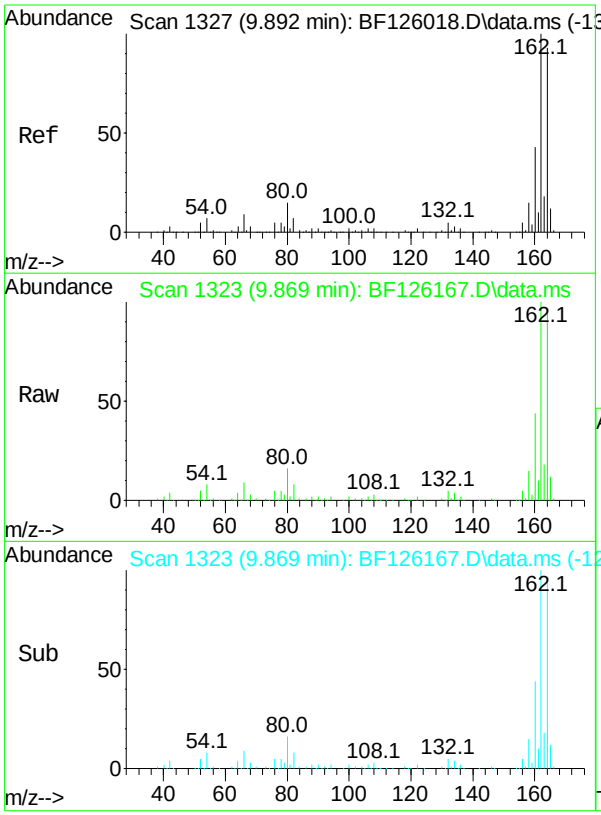
#25
Isophorone
Concen: 53.08 ng
RT: 7.392 min Scan# 9
Delta R.T. -0.289 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

Instrument :
BNA_F
ClientSampleId :
PB140723BL

Tgt Ion: 82 Resp: 708478

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

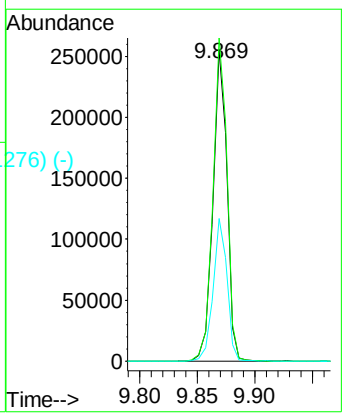


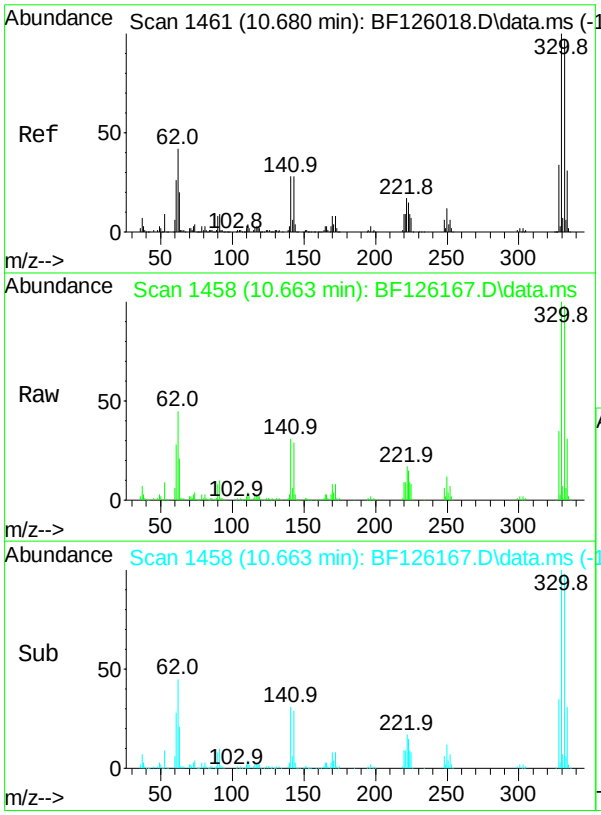


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.023 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

Tgt Ion:164 Resp: 217252

Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.3	121.9
160	46.1	38.0	57.0



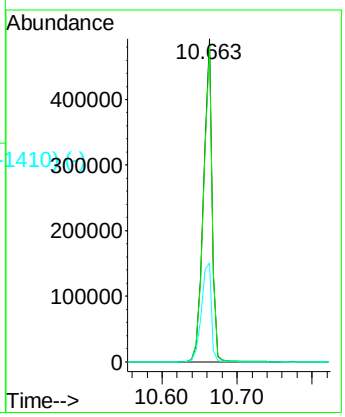


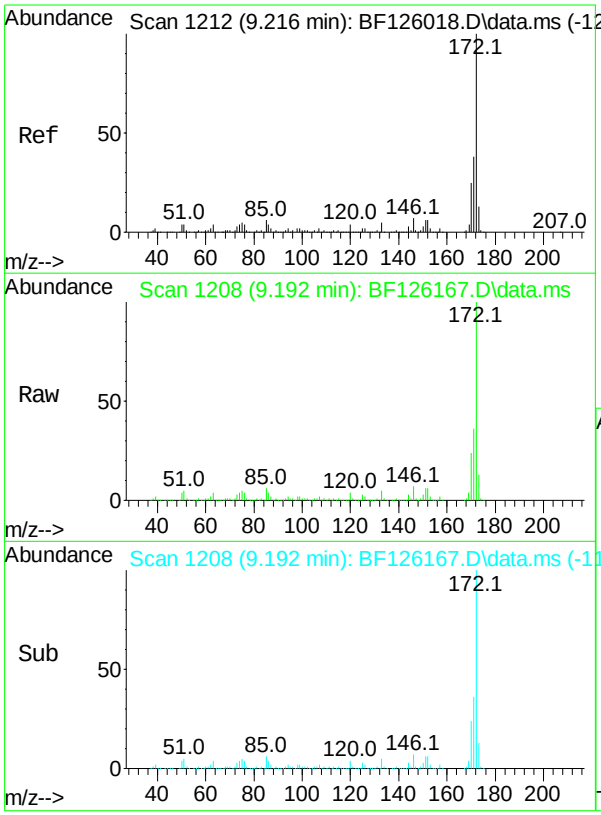
#42
2,4,6-Tribromophenol
Concen: 161.08 ng
RT: 10.663 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

Instrument :
BNA_F
ClientSampleId :
PB140723BL

Tgt Ion:330 Resp: 401040

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.2	114.4
141	35.2	44.6	66.8#

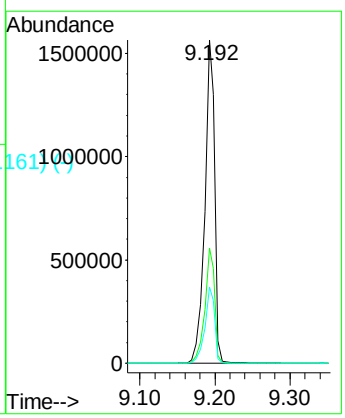


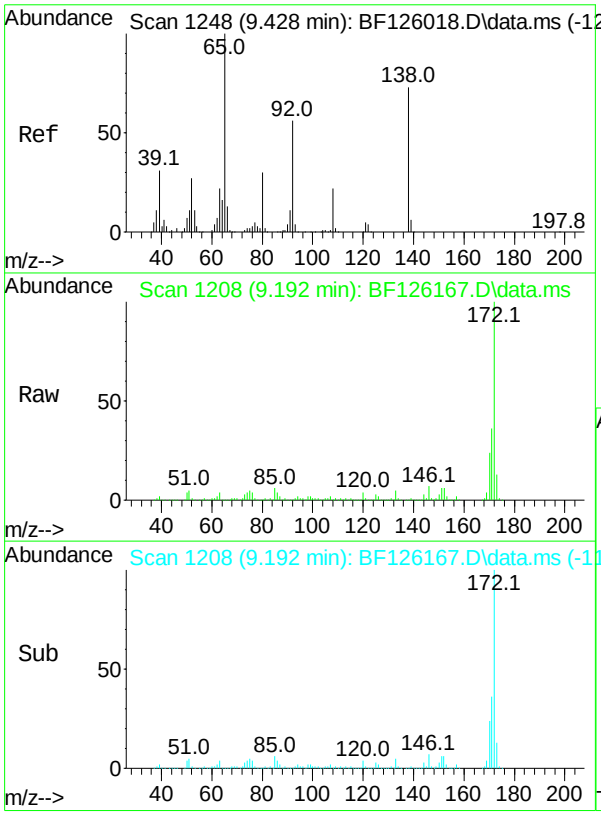


#45
2-Fluorobiphenyl
Concen: 90.64 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.024 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

Tgt Ion:172 Resp: 1457213

Ion	Ratio	Lower	Upper
172	100		
171	35.7	26.5	39.7
170	23.5	18.8	28.2



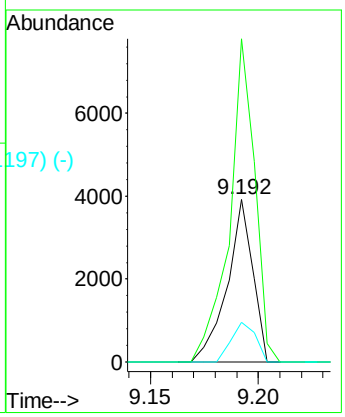


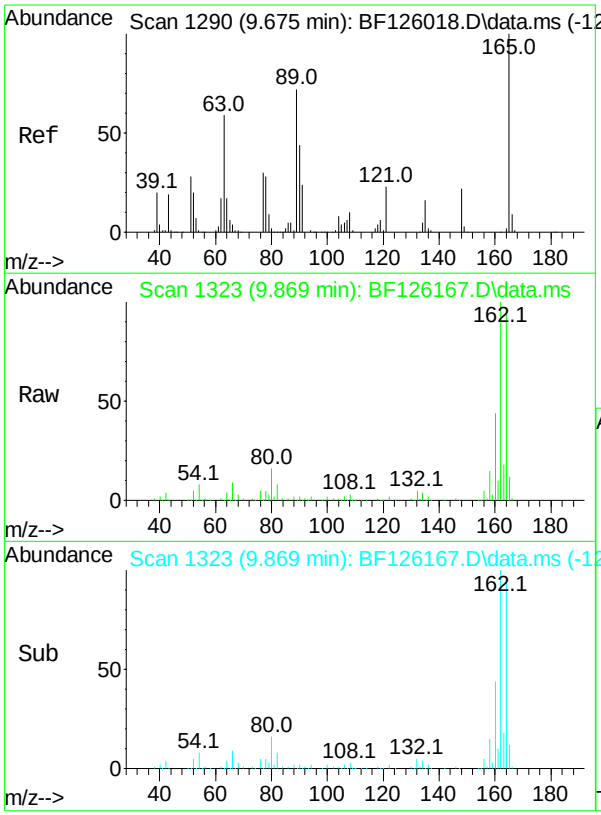
#48
2-Nitroaniline
Concen: 3.56 ng
RT: 9.192 min Scan# 1
Delta R.T. -0.236 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

Instrument :
BNA_F
ClientSampleId :
PB140723BL

Tgt Ion: 65 Resp: 3244

Ion	Ratio	Lower	Upper
65	100		
92	198.9	55.5	83.3#
138	24.3	93.5	140.3#

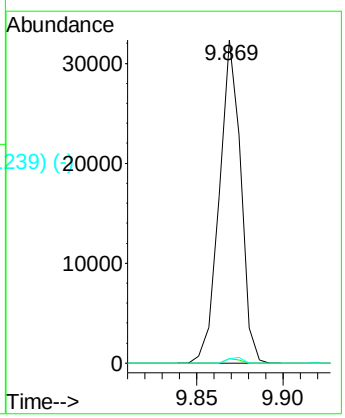


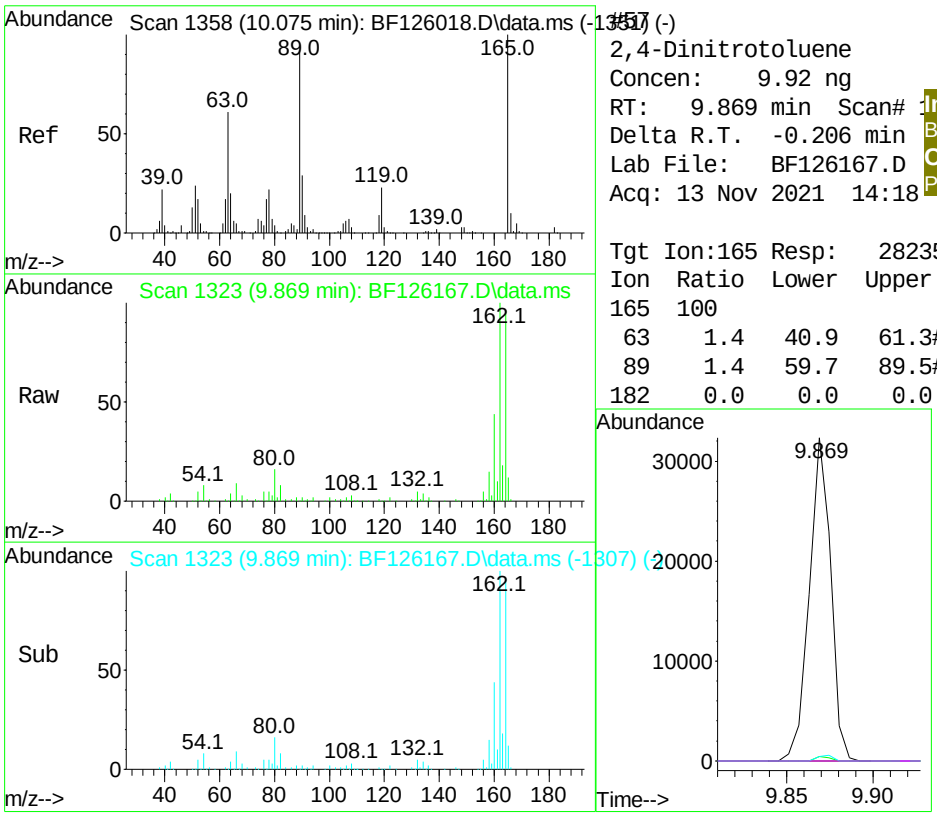


#51
2,6-Dinitrotoluene
Concen: 10.41 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.194 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

Tgt Ion:165 Resp: 28235

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.6	63.8#
89	1.4	40.6	60.8#



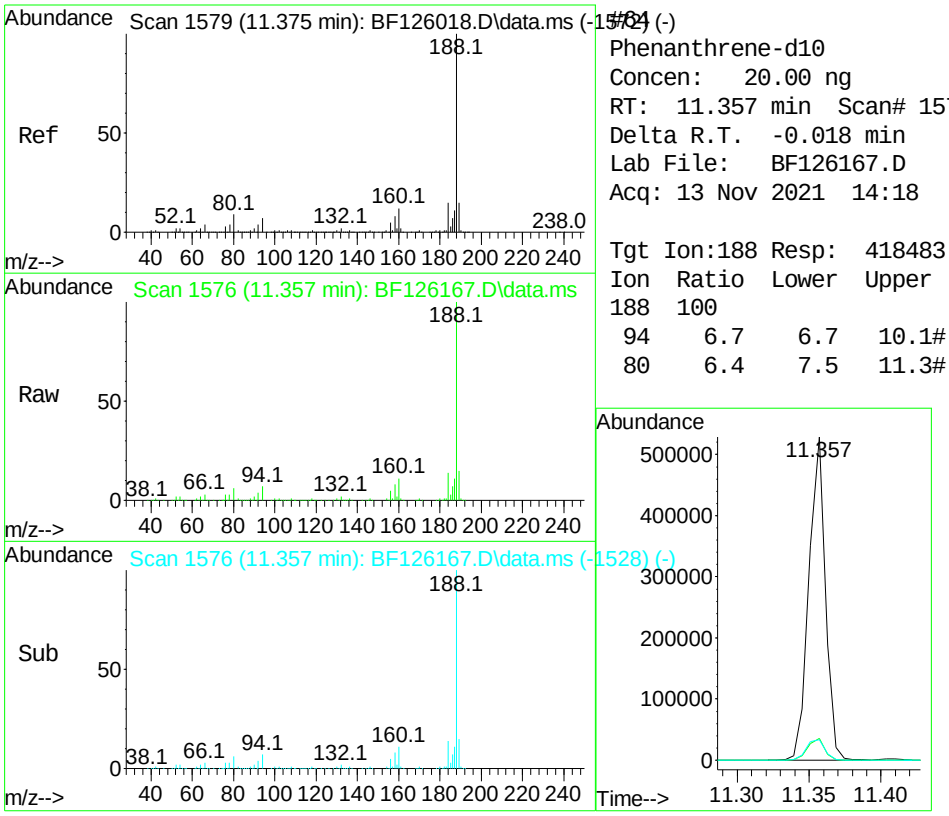


#57
2,4-Dinitrotoluene
Concen: 9.92 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.206 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

Instrument :
BNA_F
ClientSampleId :
PB140723BL

Tgt Ion:165 Resp: 28235

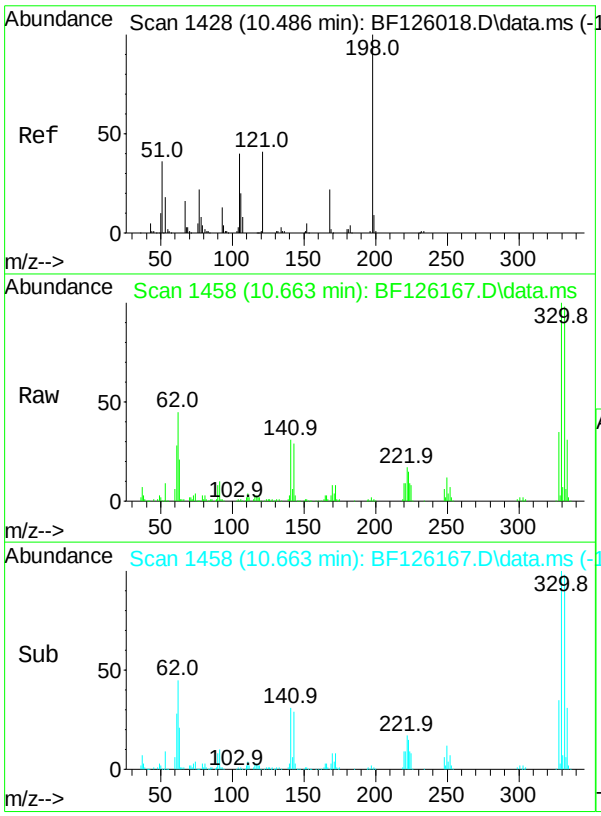
Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.9	61.3#
89	1.4	59.7	89.5#
182	0.0	0.0	0.0



#84
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.018 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

Tgt Ion:188 Resp: 418483

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.7	10.1#
80	6.4	7.5	11.3#

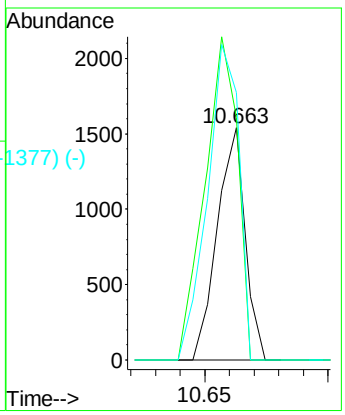


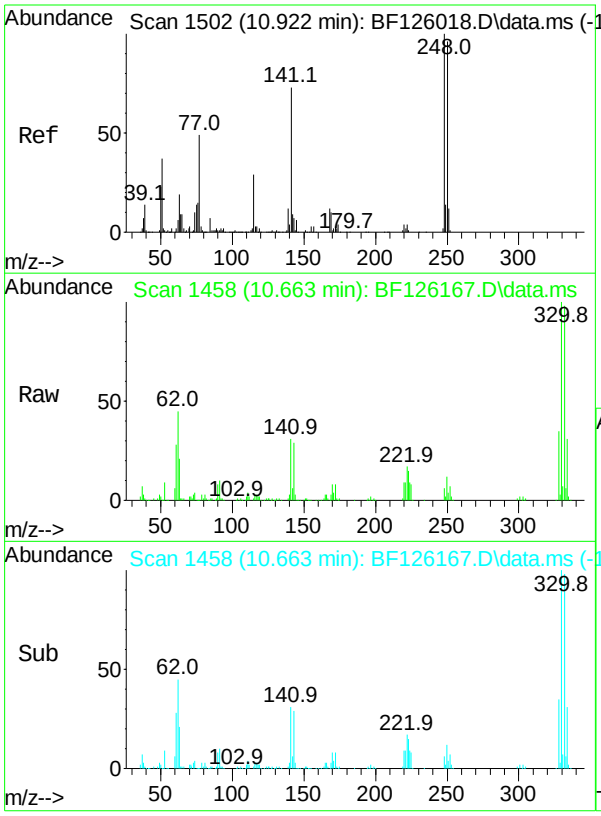
#85
4,6-Dinitro-2-methylphenol
Concen: 8.82 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.177 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

Instrument :
BNA_F
ClientSampleId :
PB140723BL

Tgt Ion:198 Resp: 1219

Ion	Ratio	Lower	Upper
198	100		
51	104.3	45.3	85.3#
105	115.2	30.6	70.6#

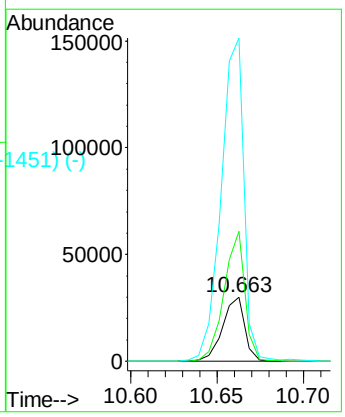


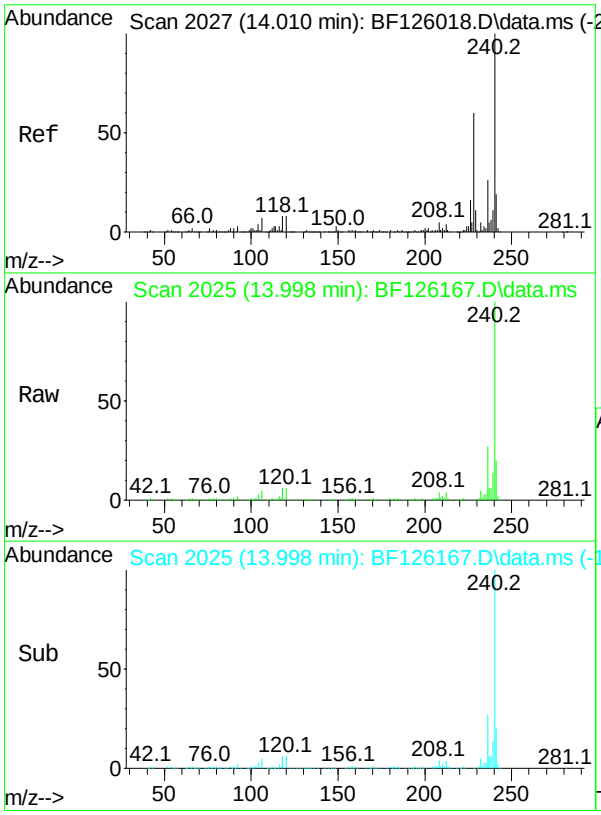


#87
4-Bromophenyl-phenylether
Concen: 5.31 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.259 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

Tgt Ion:248 Resp: 26937

Ion	Ratio	Lower	Upper
248	100		
250	202.5	74.2	111.4#
141	503.4	60.4	90.6#



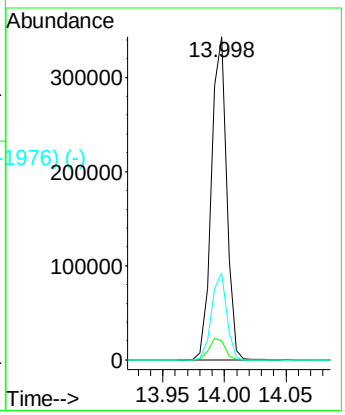


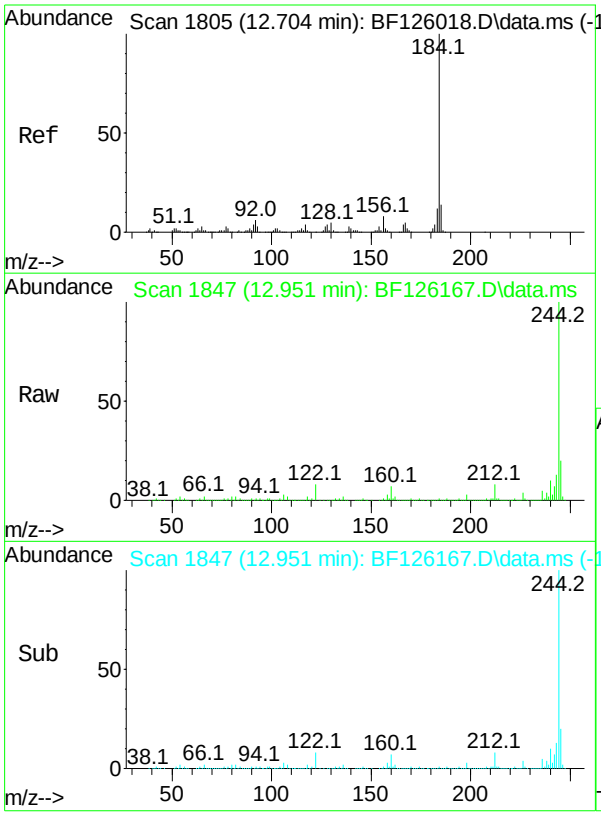
#576
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

Instrument :
BNA_F
ClientSampleId :
PB140723BL

Tgt Ion:240 Resp: 295042

Ion	Ratio	Lower	Upper
240	100		
120	6.0	10.8	16.2#
236	26.9	21.6	32.4

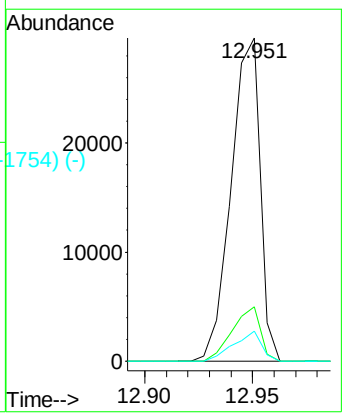


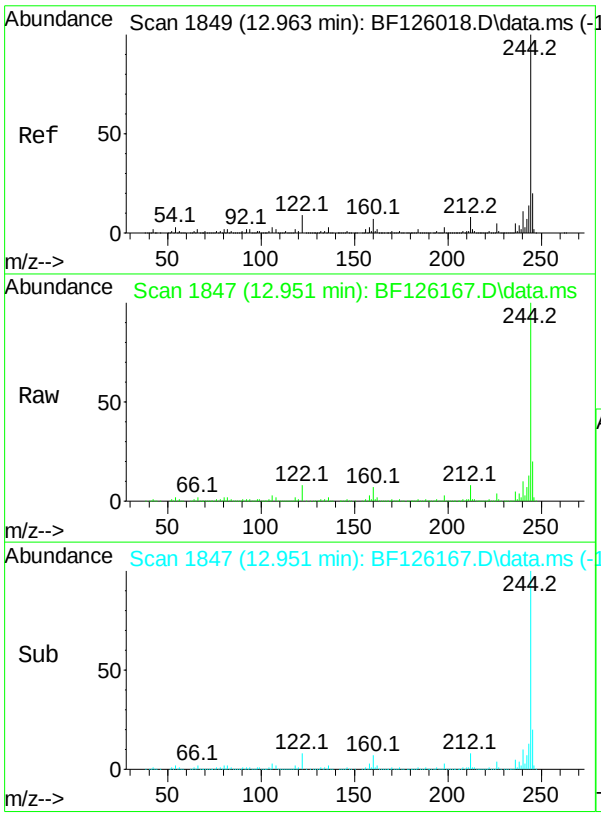


#577
Benzidine
Concen: 2.82 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.247 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

Tgt Ion:184 Resp: 27845

Ion	Ratio	Lower	Upper
184	100		
185	16.7	10.8	16.2#
183	9.3	8.1	12.1



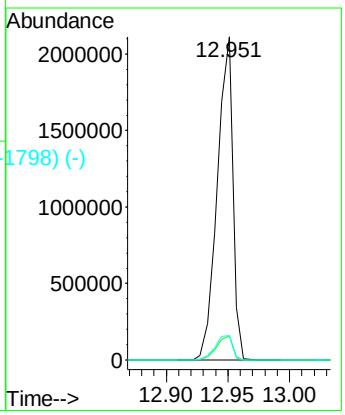


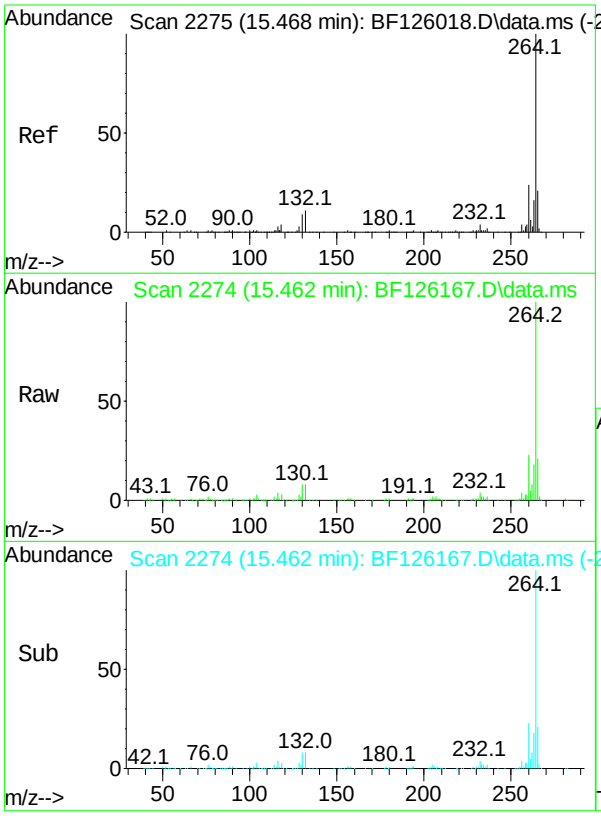
#79
Terphenyl-d14
Concen: 101.44 ng
RT: 12.951 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

Instrument :
BNA_F
ClientSampleId :
PB140723BL

Tgt Ion:244 Resp: 1856095

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	7.5	9.0	13.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF126167.D
Acq: 13 Nov 2021 14:18

Tgt Ion:264 Resp: 221554

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	20.7	17.2	25.8