

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021022\
 Data File : BF126841.D
 Acq On : 10 Feb 2022 14:05
 Operator : CG\JU
 Sample : N1432-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Quant Time: Feb 10 15:11:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

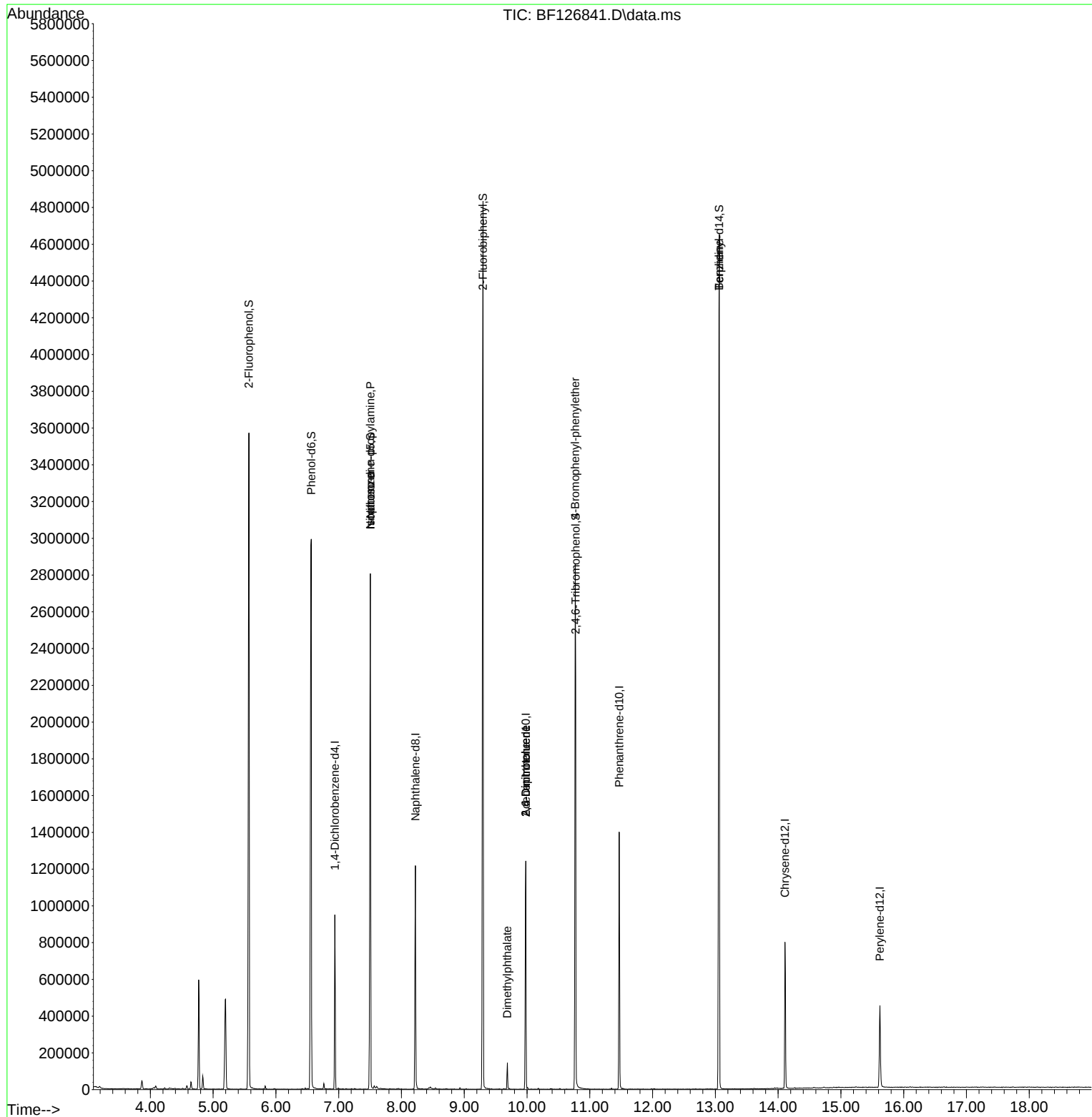
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	117976	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	472471	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	244204	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	428374	20.000	ng	0.00
76) Chrysene-d12	14.110	240	253356	20.000	ng	#-0.01
86) Perylene-d12	15.621	264	192543	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	952646	124.326	ng	0.01
7) Phenol-d6	6.563	99	1174077	113.500	ng	0.00
23) Nitrobenzene-d5	7.504	82	893401	87.247	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	334729	127.855	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1403255	86.497	ng	0.00
79) Terphenyl-d14	13.063	244	1638877	92.733	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	118136	18.034	ng	# 79
25) Isophorone	7.504	82	893391	52.075	ng	# 68
50) Dimethylphthalate	9.686	163	44649	2.584	ng	98
51) 2,6-Dinitrotoluene	9.981	165	31149	8.903	ng	# 21
57) 2,4-Dinitrotoluene	9.981	165	31149	6.734	ng	# 16
67) 4-Bromophenyl-phenylether	10.769	248	19131	4.110	ng	# 1
77) Benzidine	13.063	184	23611	3.542	ng	# 97

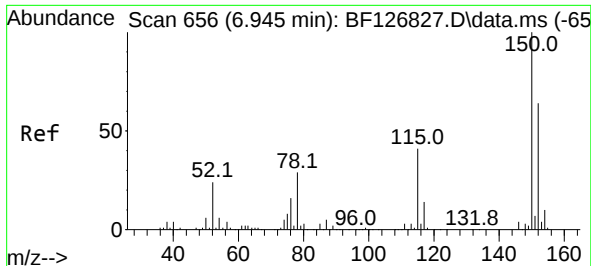
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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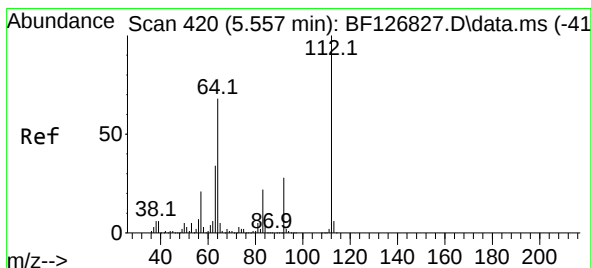
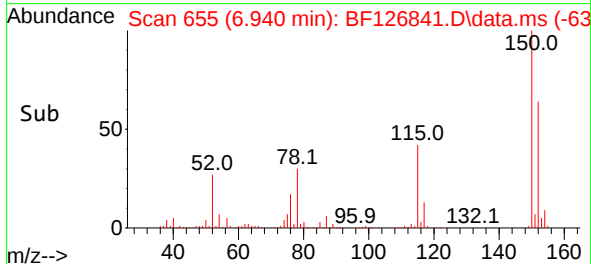
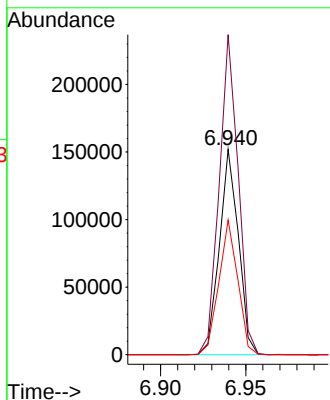
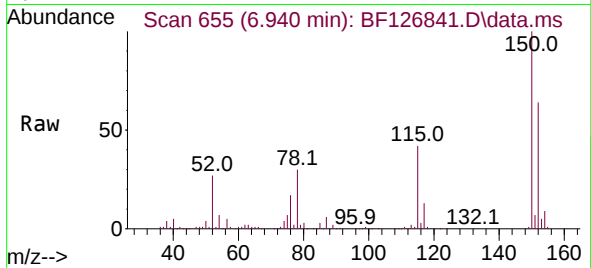




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.005 min
Lab File: BF126841.D
Acq: 10 Feb 2022 14:05

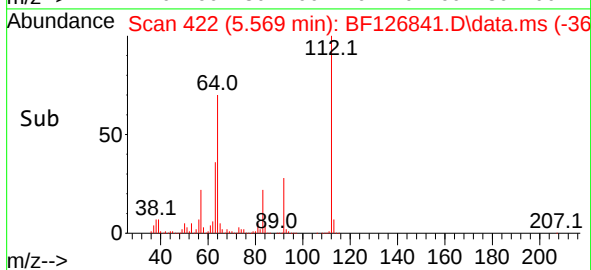
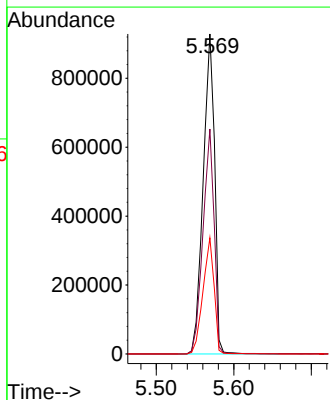
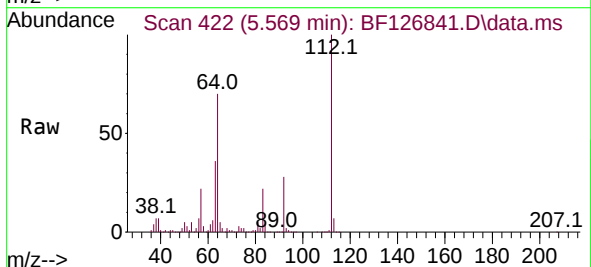
Instrument :
BNA_F
ClientSampleId :
SP-4

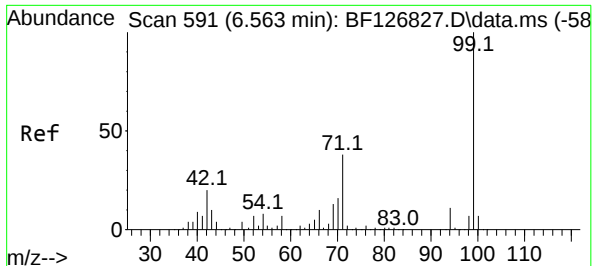
Tgt Ion:152 Resp: 117976
Ion Ratio Lower Upper
152 100
150 155.9 124.3 186.5
115 65.6 50.5 75.7



#5
2-Fluorophenol
Concen: 124.326 ng
RT: 5.569 min Scan# 422
Delta R.T. 0.012 min
Lab File: BF126841.D
Acq: 10 Feb 2022 14:05

Tgt Ion:112 Resp: 952646
Ion Ratio Lower Upper
112 100
64 70.3 54.3 81.5
63 36.3 27.5 41.3



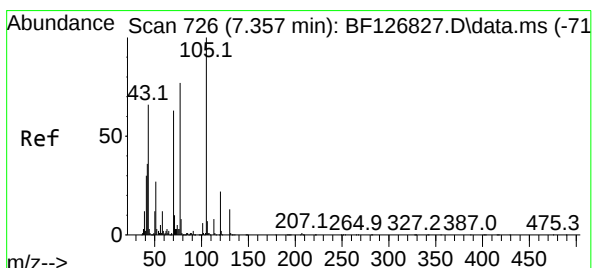
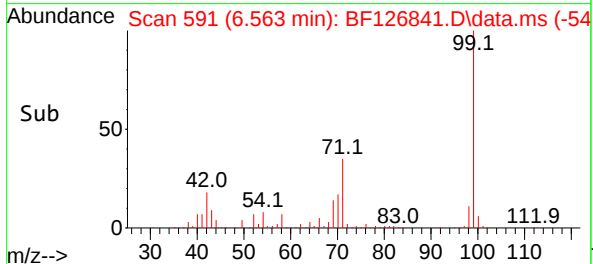
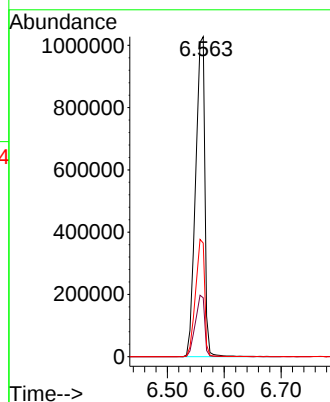
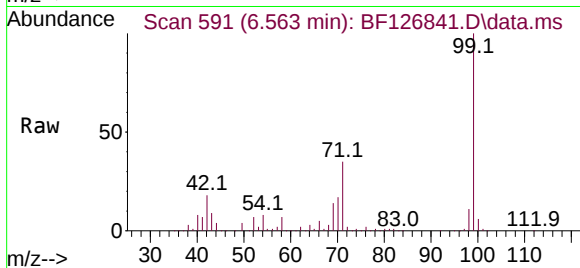


#7
Phenol-d6
Concen: 113.500 ng
RT: 6.563 min Scan# 591
Delta R.T. -0.000 min
Lab File: BF126841.D
Acq: 10 Feb 2022 14:05

Instrument :
BNA_F
ClientSampleId :
SP-4

Tgt Ion: 99 Resp: 1174077

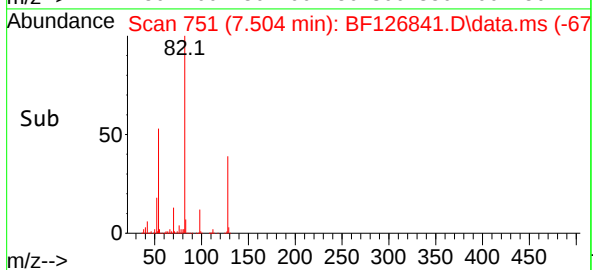
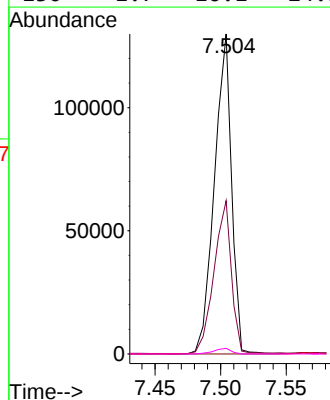
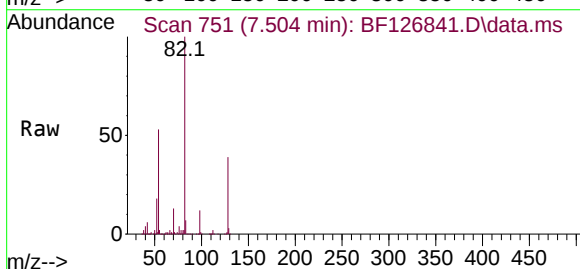
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.8	23.6
71	35.5	30.6	45.8

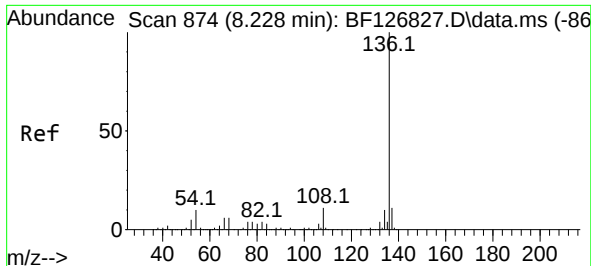


#19
n-Nitroso-di-n-propylamine
Concen: 18.034 ng
RT: 7.504 min Scan# 751
Delta R.T. 0.147 min
Lab File: BF126841.D
Acq: 10 Feb 2022 14:05

Tgt Ion: 70 Resp: 118136

Ion	Ratio	Lower	Upper
70	100		
42	47.9	46.3	69.5
101	0.0	7.5	11.3#
130	1.7	16.1	24.1#

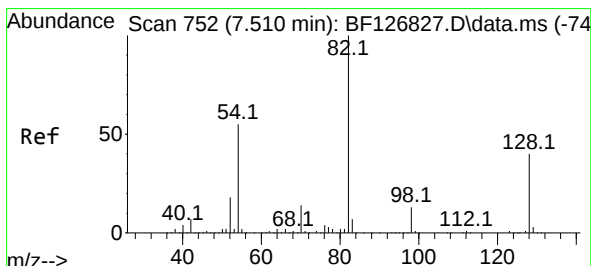
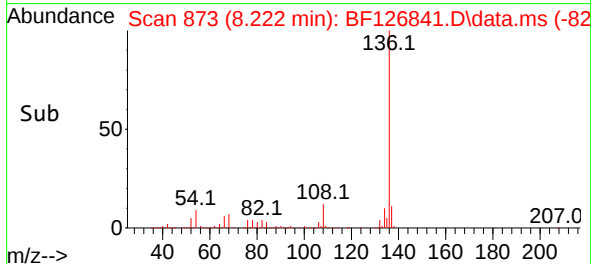
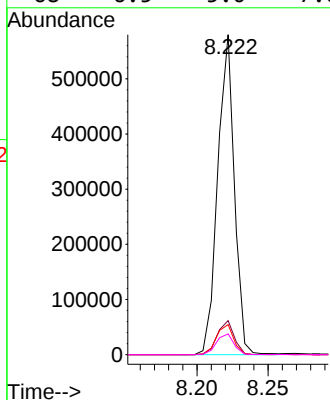
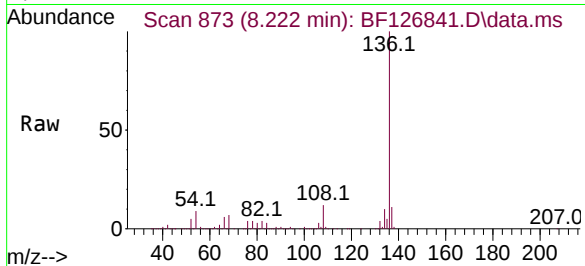




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126841.D
Acq: 10 Feb 2022 14:05

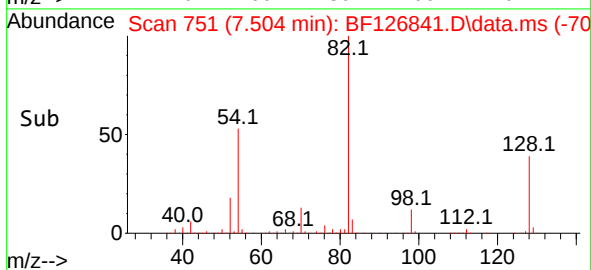
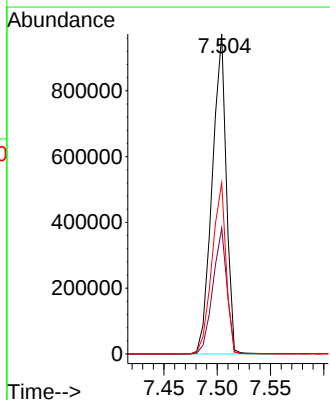
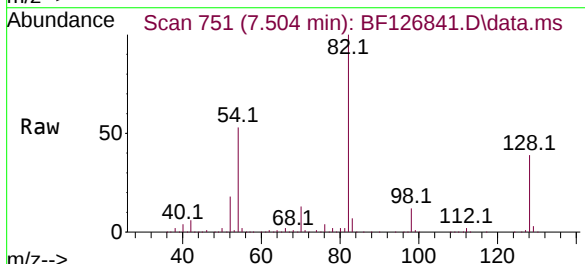
Instrument :
BNA_F
ClientSampleId :
SP-4

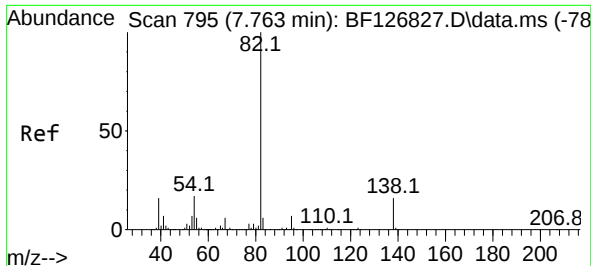
Tgt Ion:136 Resp: 472471
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.4 8.0 12.0
68 6.5 5.0 7.6



#23
Nitrobenzene-d5
Concen: 87.247 ng
RT: 7.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF126841.D
Acq: 10 Feb 2022 14:05

Tgt Ion: 82 Resp: 893401
Ion Ratio Lower Upper
82 100
128 39.4 31.6 47.4
54 53.4 43.7 65.5

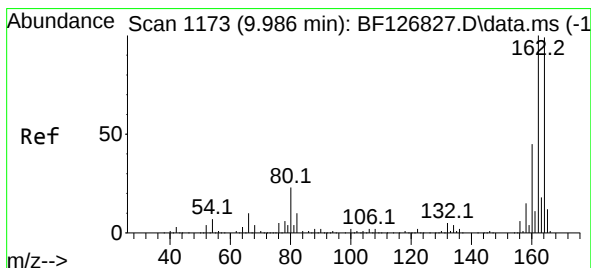
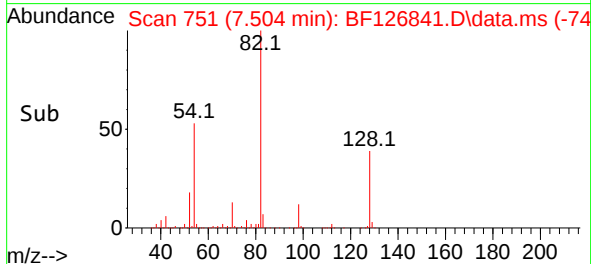
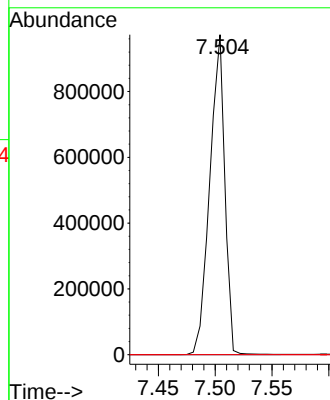
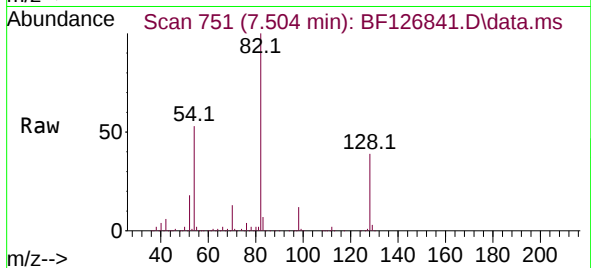




#25
Isophorone
Concen: 52.075 ng
RT: 7.504 min Scan# 71
Delta R.T. -0.259 min
Lab File: BF126841.D
Acq: 10 Feb 2022 14:05

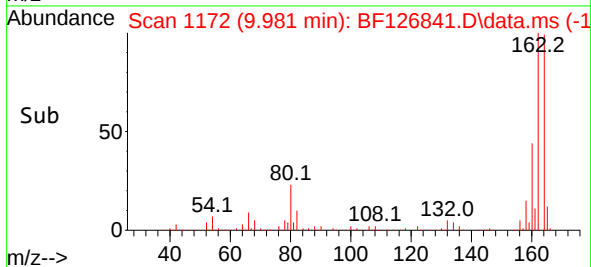
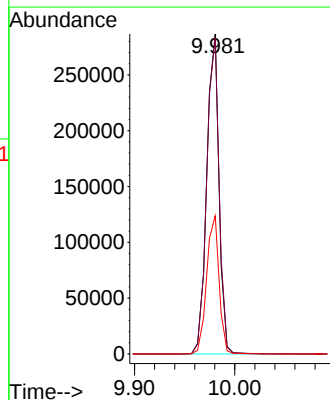
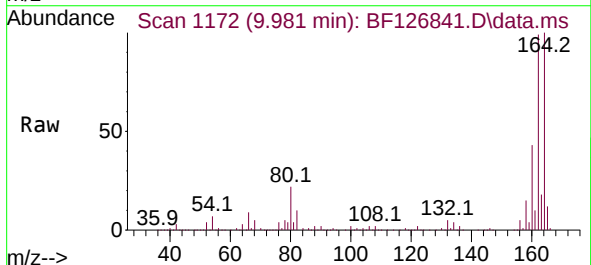
Instrument :
BNA_F
ClientSampleId :
SP-4

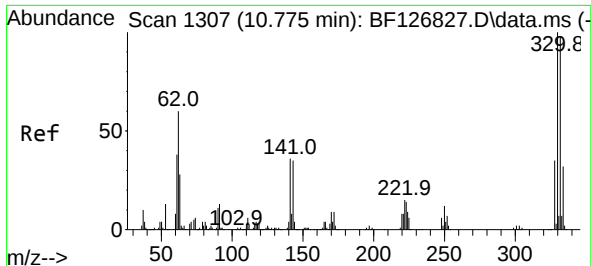
Tgt Ion: 82 Resp: 893391
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BF126841.D
Acq: 10 Feb 2022 14:05

Tgt Ion: 164 Resp: 244204
Ion Ratio Lower Upper
164 100
162 98.9 80.9 121.3
160 43.1 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 127.855 ng

RT: 10.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF126841.D

Acq: 10 Feb 2022 14:05

Instrument :

BNA_F

ClientSampleId :

SP-4

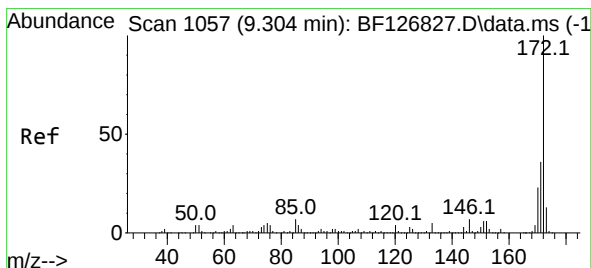
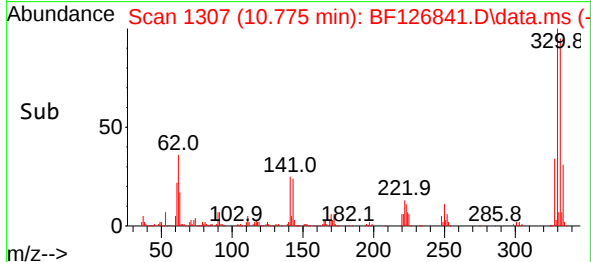
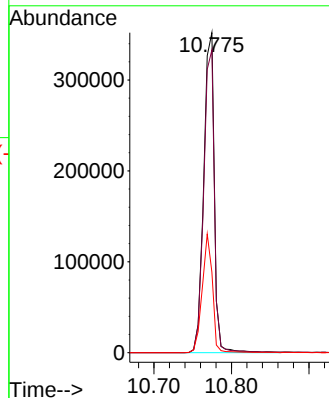
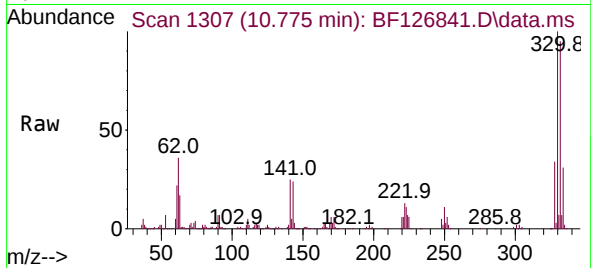
Tgt Ion:330 Resp: 334729

Ion Ratio Lower Upper

330 100

332 95.5 78.2 117.4

141 35.8 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 86.497 ng

RT: 9.298 min Scan# 1056

Delta R.T. -0.006 min

Lab File: BF126841.D

Acq: 10 Feb 2022 14:05

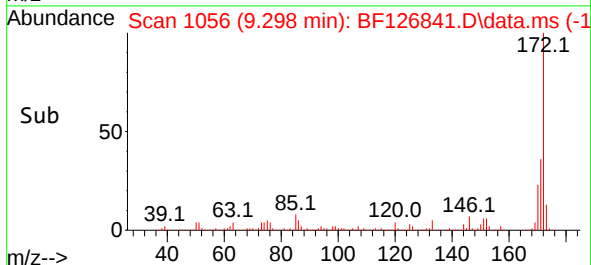
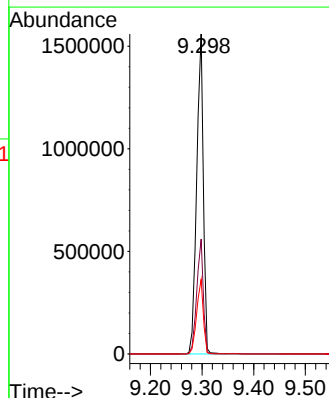
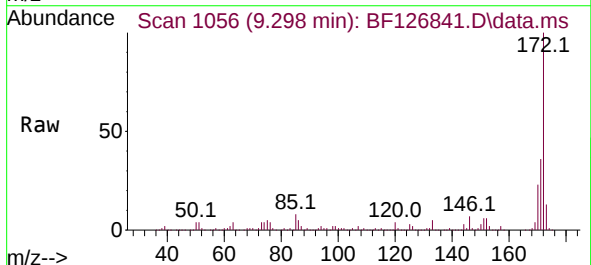
Tgt Ion:172 Resp: 1403255

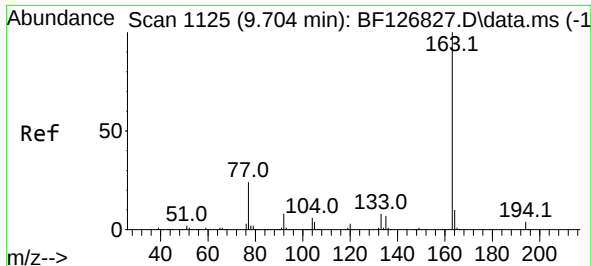
Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 23.3 18.7 28.1

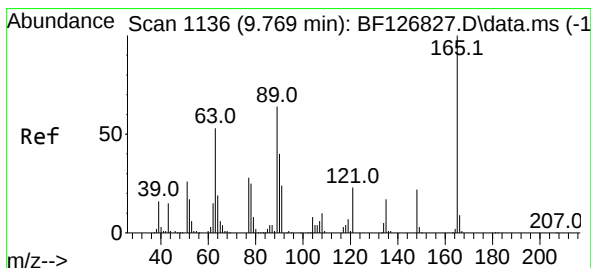
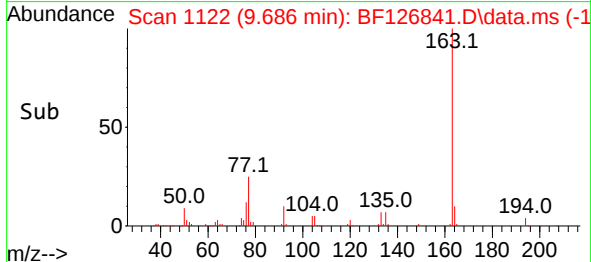
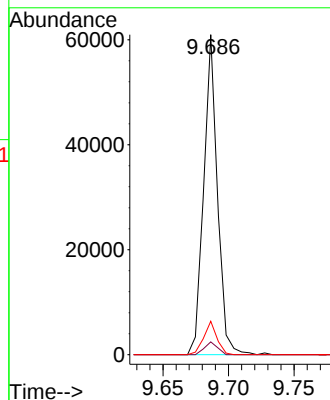
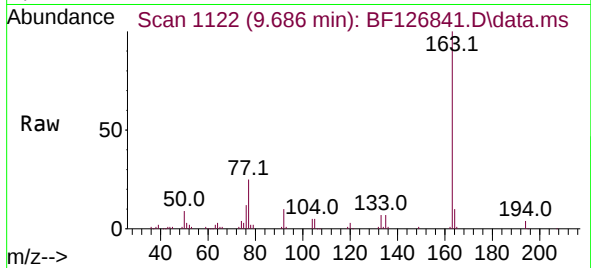




#50
Dimethylphthalate
Concen: 2.584 ng
RT: 9.686 min Scan# 1117
Delta R.T. -0.018 min
Lab File: BF126841.D
Acq: 10 Feb 2022 14:05

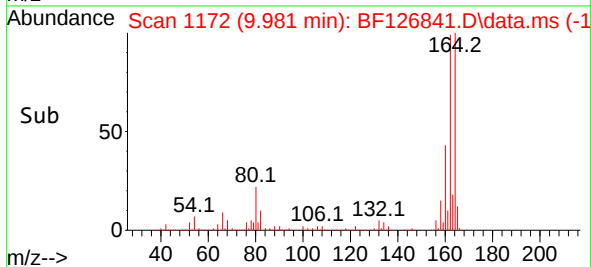
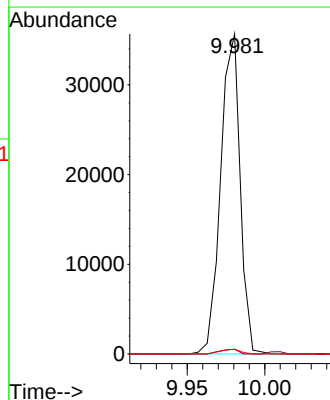
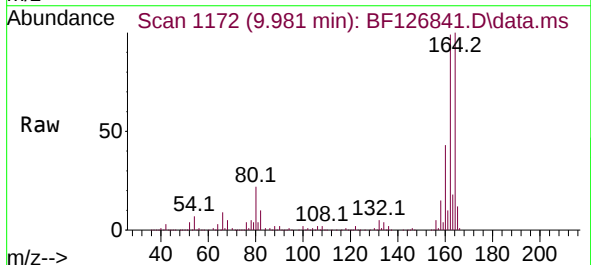
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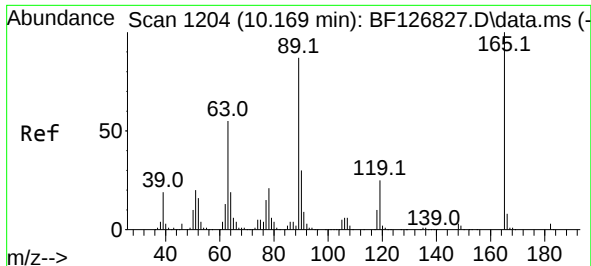
Tgt Ion:163 Resp: 44649
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.5 7.8 11.6



#51
2,6-Dinitrotoluene
Concen: 8.903 ng
RT: 9.981 min Scan# 1172
Delta R.T. 0.212 min
Lab File: BF126841.D
Acq: 10 Feb 2022 14:05

Tgt Ion:165 Resp: 31149
Ion Ratio Lower Upper
165 100
63 1.4 49.9 74.9#
89 1.5 51.0 76.4#

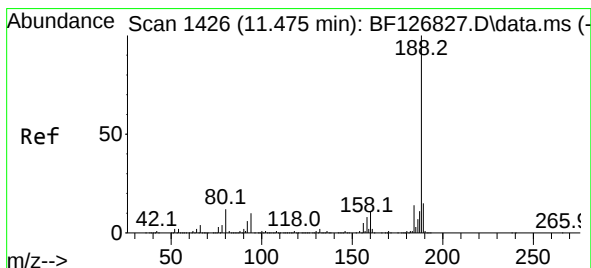
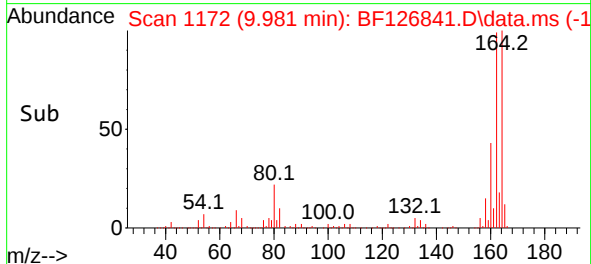
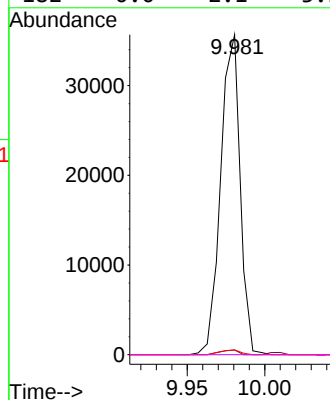
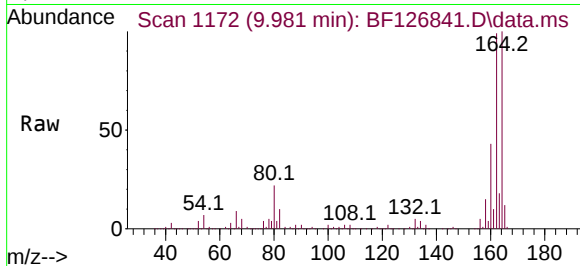




#57
2,4-Dinitrotoluene
Concen: 6.734 ng
RT: 9.981 min Scan# 1172
Delta R.T. -0.188 min
Lab File: BF126841.D
Acq: 10 Feb 2022 14:05

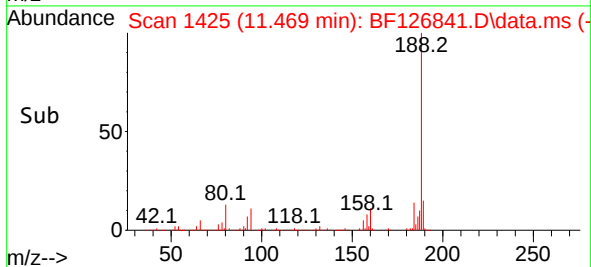
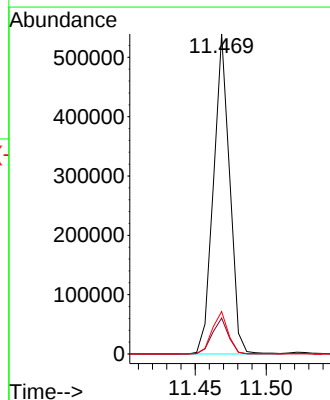
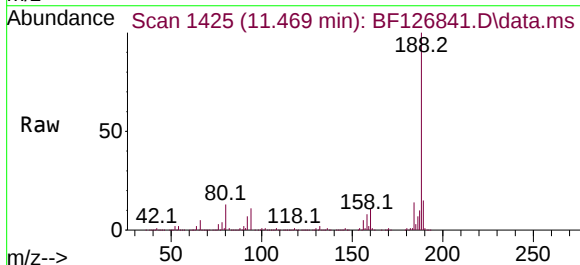
Instrument :
BNA_F
ClientSampleId :
SP-4

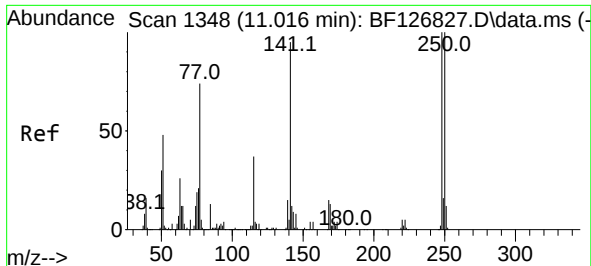
Tgt Ion:165	Resp:	31149
Ion	Ratio	Lower Upper
165	100	
63	1.4	43.9 65.9#
89	1.5	69.8 104.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF126841.D
Acq: 10 Feb 2022 14:05

Tgt Ion:188	Resp:	428374
Ion	Ratio	Lower Upper
188	100	
94	11.2	8.1 12.1
80	13.3	9.5 14.3

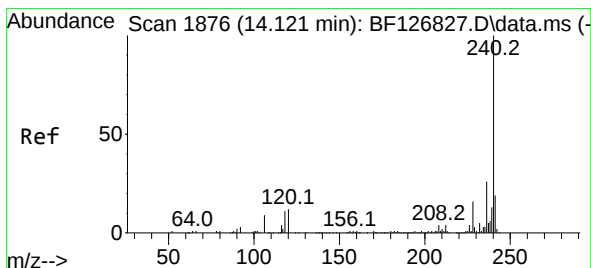
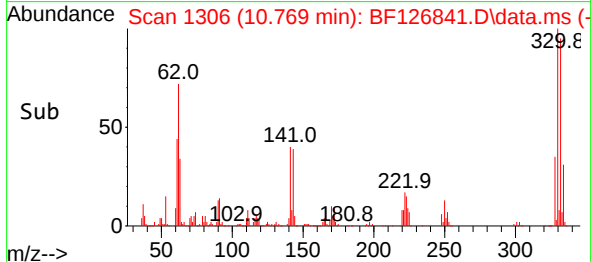
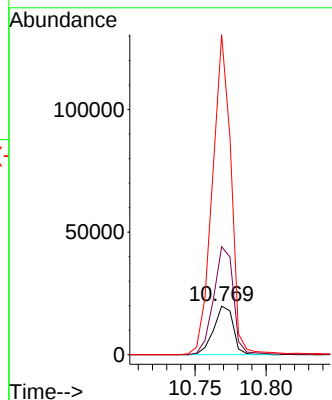
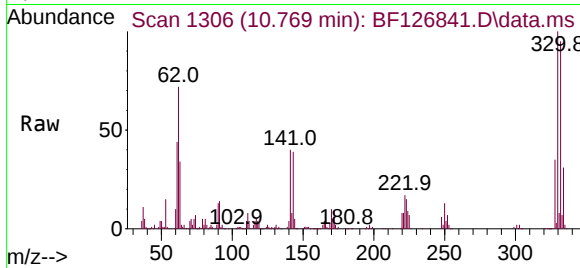




#67
4-Bromophenyl-phenylether
Concen: 4.110 ng
RT: 10.769 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF126841.D
Acq: 10 Feb 2022 14:05

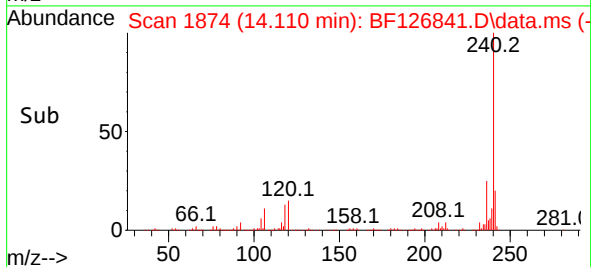
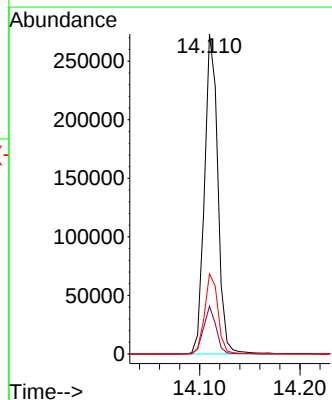
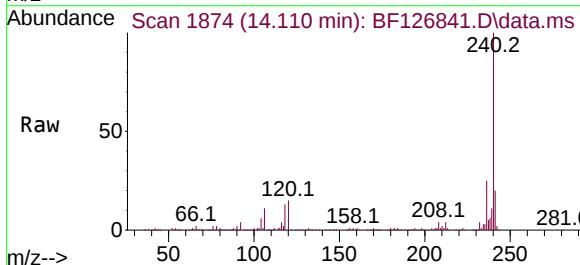
Instrument :
BNA_F
ClientSampleId :
SP-4

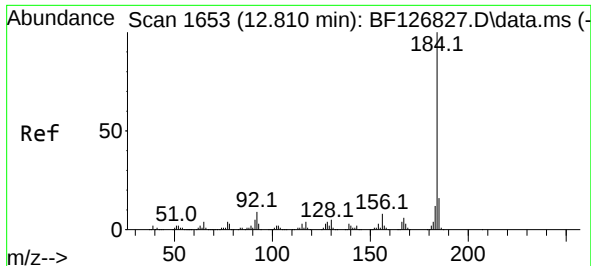
Tgt Ion:248 Resp: 19131
Ion Ratio Lower Upper
248 100
250 222.3 80.0 120.0#
141 658.9 75.6 113.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 1874
Delta R.T. -0.012 min
Lab File: BF126841.D
Acq: 10 Feb 2022 14:05

Tgt Ion:240 Resp: 253356
Ion Ratio Lower Upper
240 100
120 15.0 9.8 14.6#
236 25.0 20.5 30.7

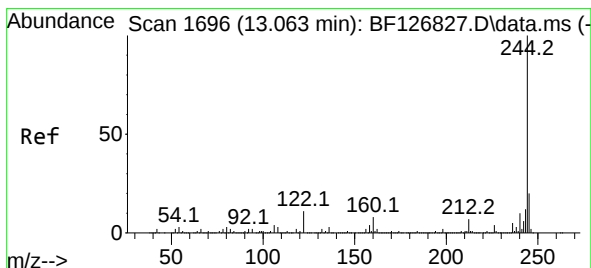
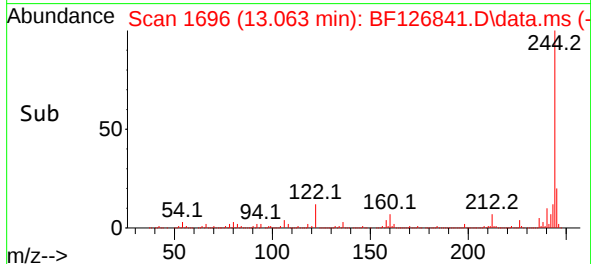
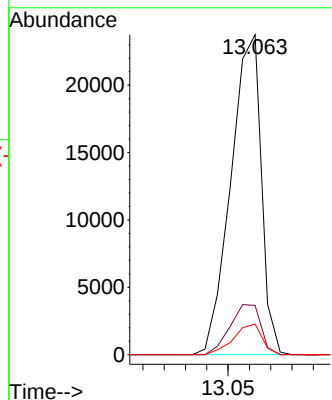
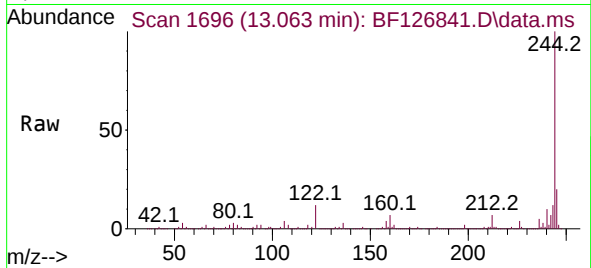




#77
Benzidine
Concen: 3.542 ng
RT: 13.063 min Scan# 1696
Delta R.T. 0.253 min
Lab File: BF126841.D
Acq: 10 Feb 2022 14:05

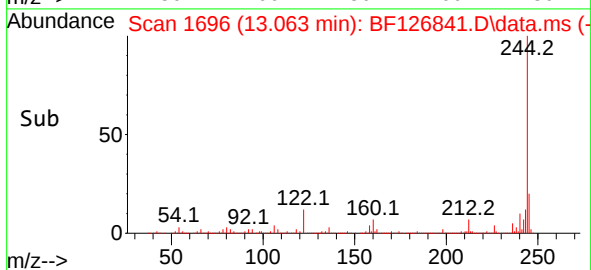
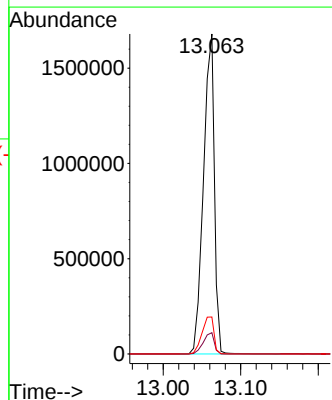
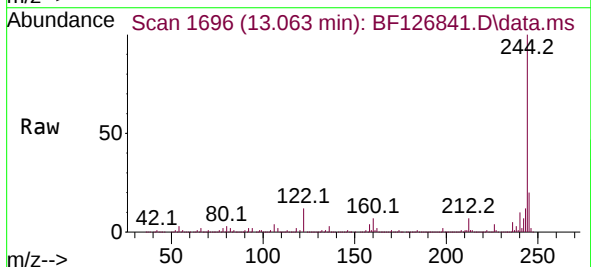
Instrument :
BNA_F
ClientSampleId :
SP-4

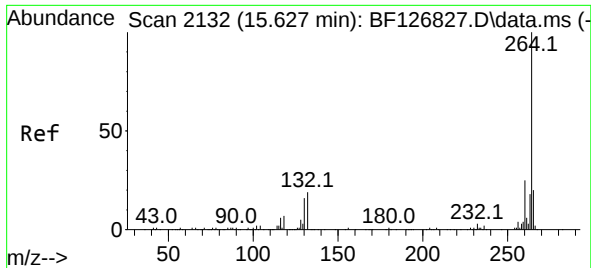
Tgt Ion:184 Resp: 23611
Ion Ratio Lower Upper
184 100
185 15.4 12.5 18.7
183 9.6 9.6 14.4#



#79
Terphenyl-d14
Concen: 92.733 ng
RT: 13.063 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BF126841.D
Acq: 10 Feb 2022 14:05

Tgt Ion:244 Resp: 1638877
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 11.5 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126841.D
 Acq: 10 Feb 2022 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Tgt Ion:264 Resp: 192543
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 22.2 15.9 23.9

