

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022321\
 Data File : BF123276.D
 Acq On : 23 Feb 2021 12:18
 Operator : JU/CG
 Sample : M1452-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Feb 23 12:51:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

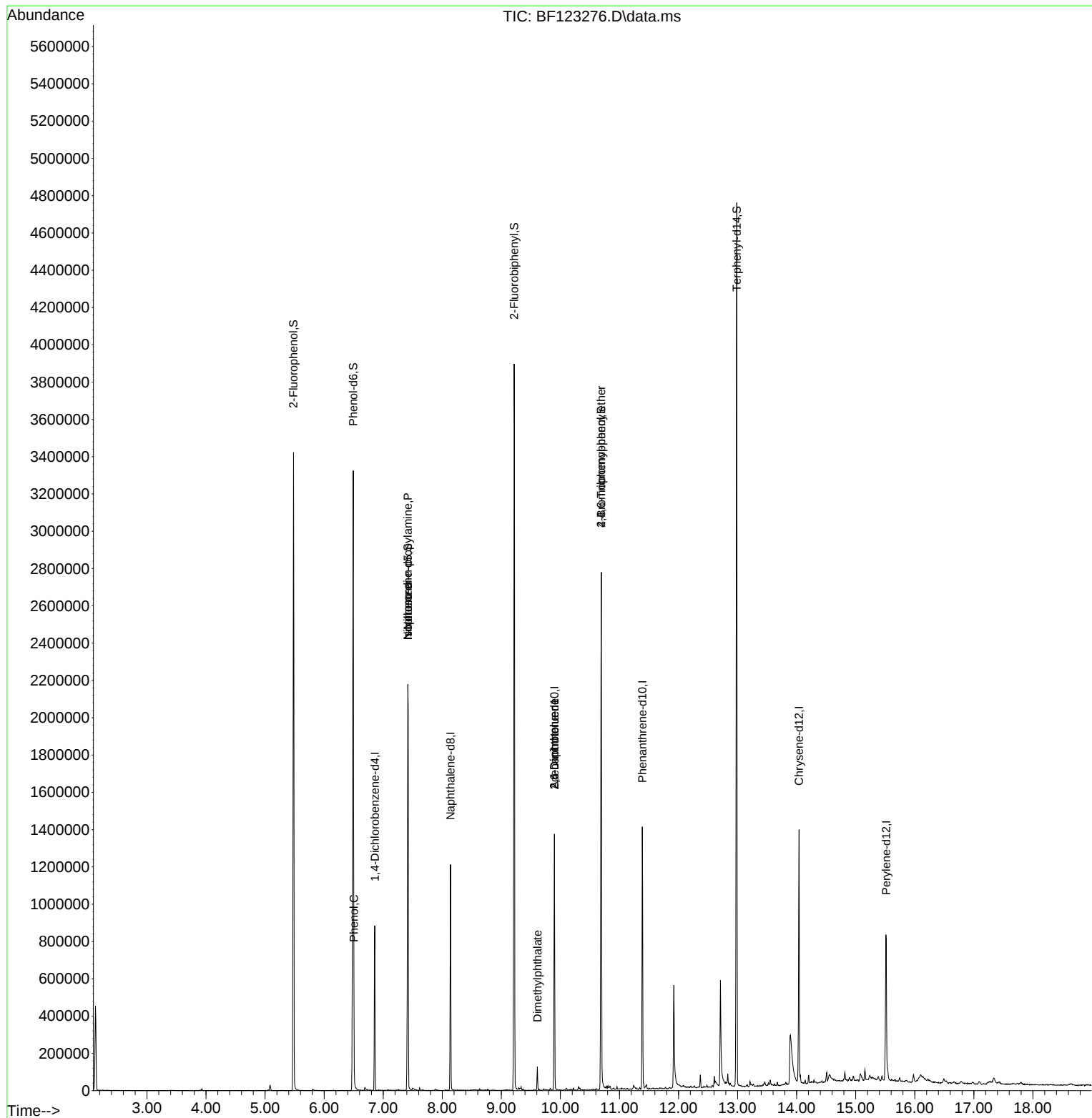
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	114367	20.00	ng	0.00
21) Naphthalene-d8	8.140	136	472636	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	249909	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	476858	20.00	ng	0.00
76) Chrysene-d12	14.039	240	414047	20.00	ng	0.00
86) Perylene-d12	15.515	264	351398	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	900234	113.30	ng	0.00
7) Phenol-d6	6.493	99	1169305	108.33	ng	0.00
23) Nitrobenzene-d5	7.416	82	781083	75.65	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	297747	117.01	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1233410	70.89	ng	0.00
79) Terphenyl-d14	12.986	244	1430424	66.43	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	3362	Below Cal	#	1
10) Phenol	6.504	94	132931	11.30	ng	95
19) n-Nitroso-di-n-propyla...	7.416	70	108274	16.86	ng	# 79
25) Isophorone	7.416	82	777110	40.25	ng	# 65
50) Dimethylphthalate	9.610	163	42235	2.26	ng	98
51) 2,6-Dinitrotoluene	9.898	165	31946	7.42	ng	# 31
57) 2,4-Dinitrotoluene	9.898	165	31946	5.52	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	21606	4.16	ng	# 1

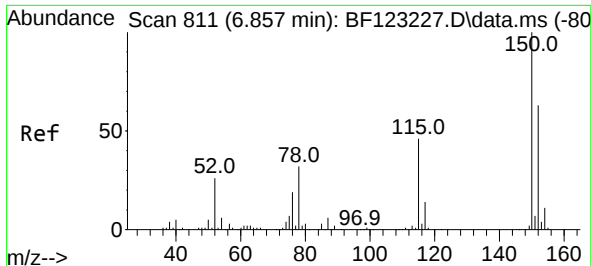
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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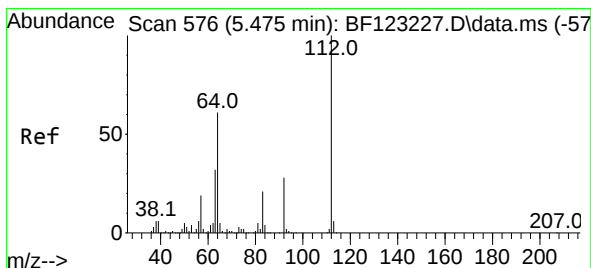
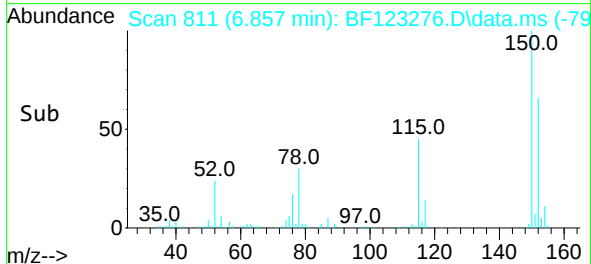
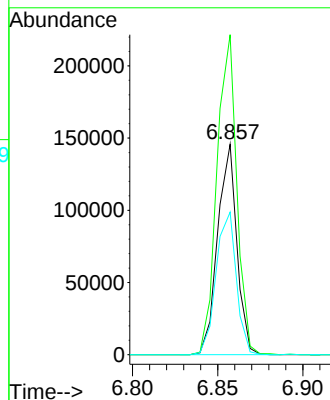
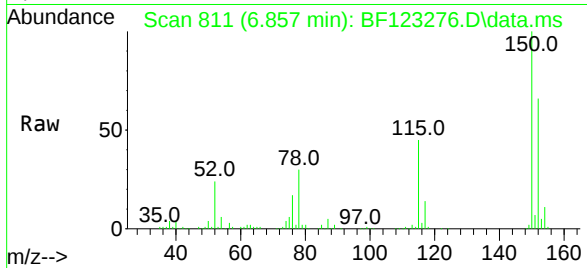




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123276.D
Acq: 23 Feb 2021 12:18

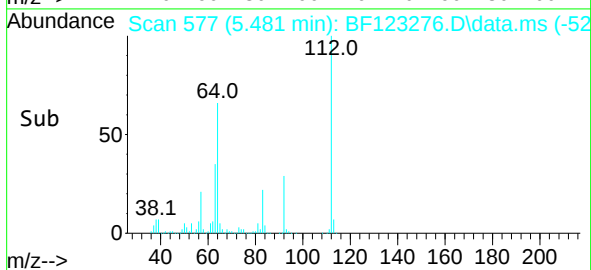
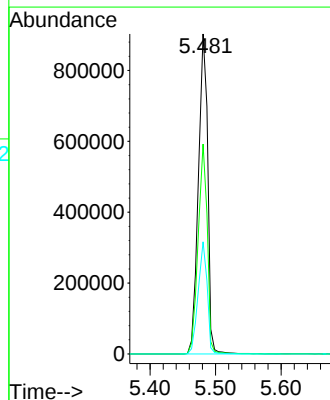
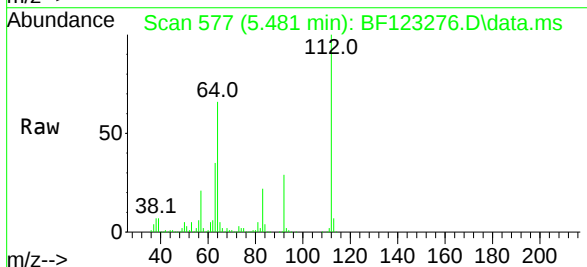
Instrument :
BNA_F
ClientSampled :
TP-4

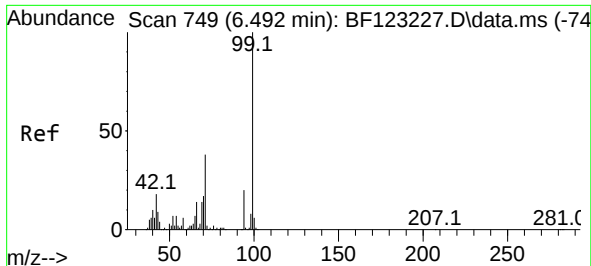
Tgt Ion:152 Resp: 114367
Ion Ratio Lower Upper
152 100
150 152.1 125.8 188.6
115 67.7 49.3 73.9



#5
2-Fluorophenol
Concen: 113.30 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF123276.D
Acq: 23 Feb 2021 12:18

Tgt Ion:112 Resp: 900234
Ion Ratio Lower Upper
112 100
64 65.6 46.9 70.3
63 35.0 24.5 36.7



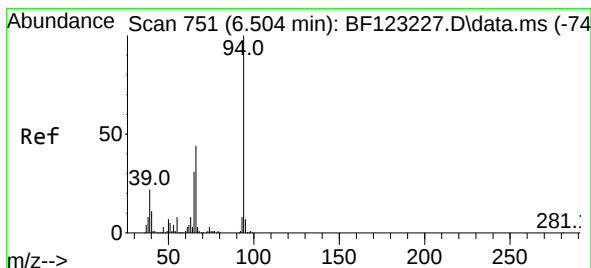
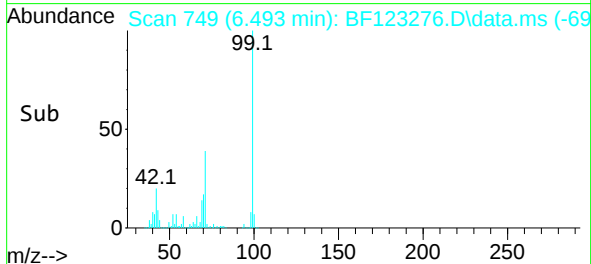
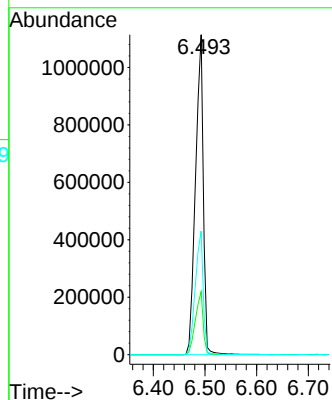
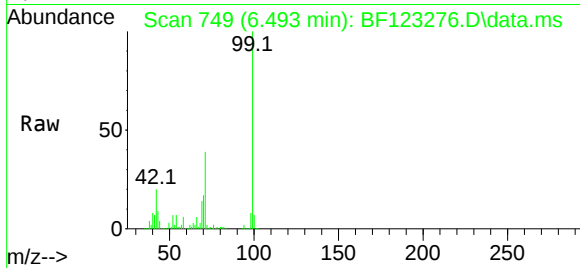


#7
Phenol-d6
Concen: 108.33 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF123276.D
Acq: 23 Feb 2021 12:18

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion: 99 Resp: 1169305

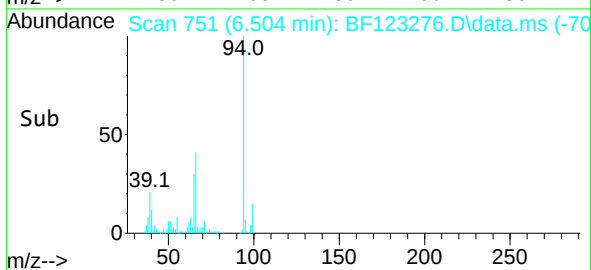
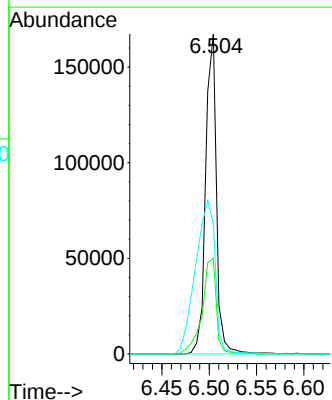
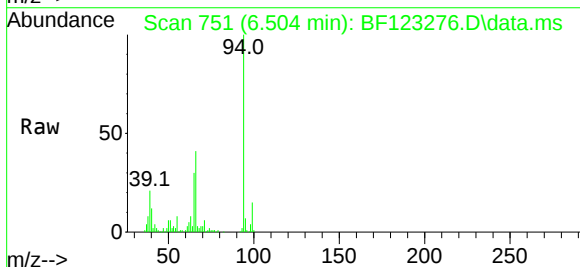
Ion	Ratio	Lower	Upper
99	100		
42	19.7	13.8	20.6
71	38.7	26.9	40.3

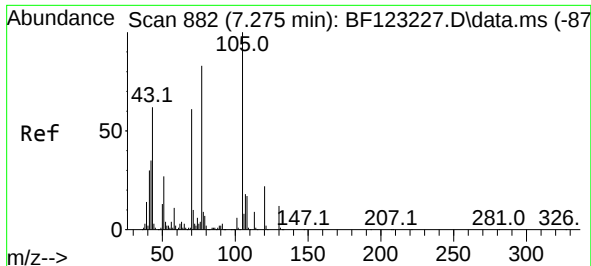


#10
Phenol
Concen: 11.30 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF123276.D
Acq: 23 Feb 2021 12:18

Tgt Ion: 94 Resp: 132931

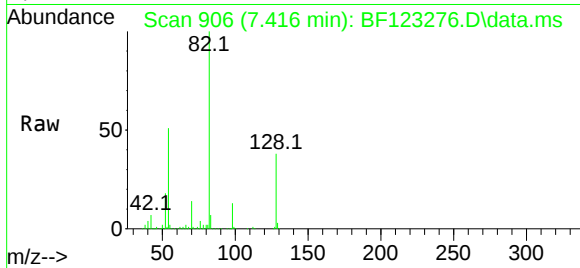
Ion	Ratio	Lower	Upper
94	100		
65	29.9	11.2	51.2
66	40.8	25.8	65.8



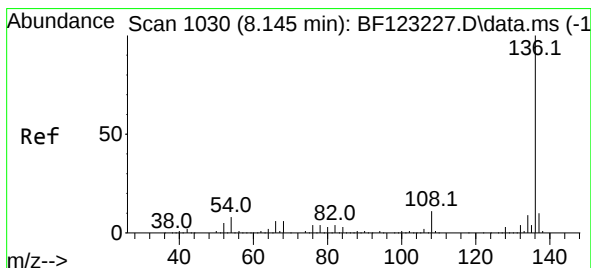
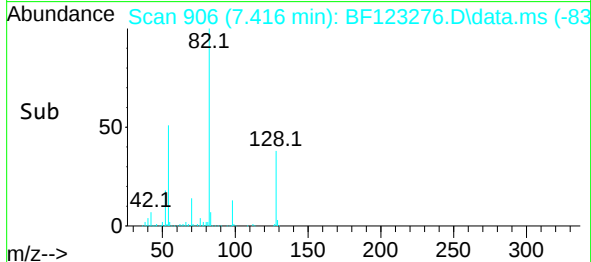
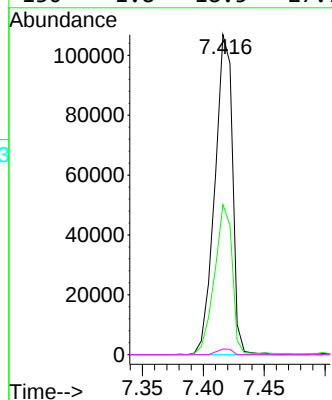


#19
n-Nitroso-di-n-propylamine
Concen: 16.86 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123276.D
Acq: 23 Feb 2021 12:18

Instrument :
BNA_F
ClientSampled :
TP-4

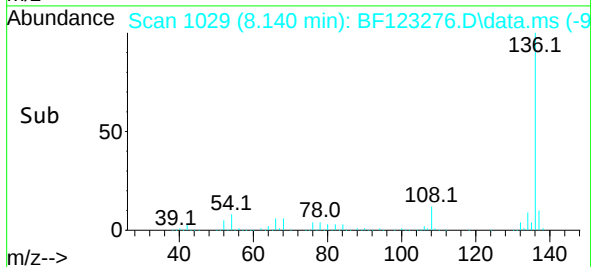
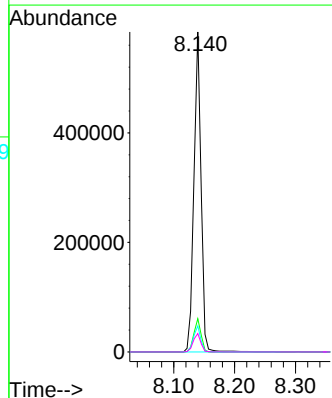
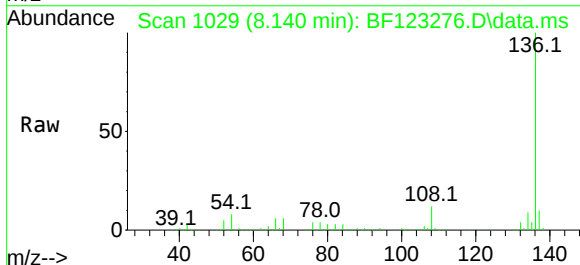


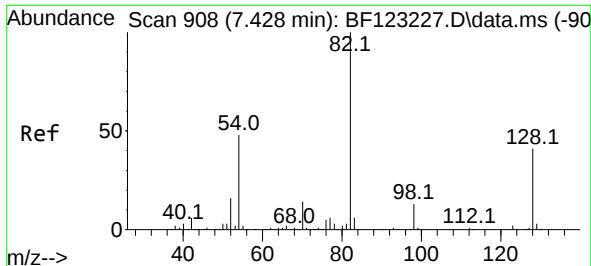
Tgt Ion: 70 Resp: 108274
Ion Ratio Lower Upper
70 100
42 46.9 43.0 64.4
101 0.0 7.9 11.9#
130 1.8 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123276.D
Acq: 23 Feb 2021 12:18

Tgt Ion: 136 Resp: 472636
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.2 5.5 8.3
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 75.65 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF123276.D

Acq: 23 Feb 2021 12:18

Tgt Ion: 82 Resp: 781083

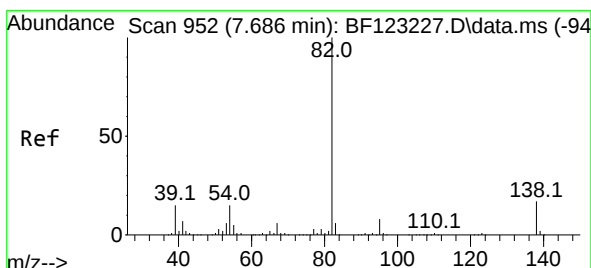
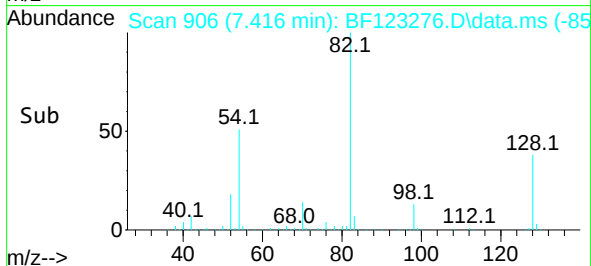
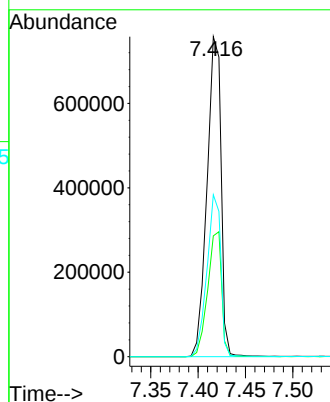
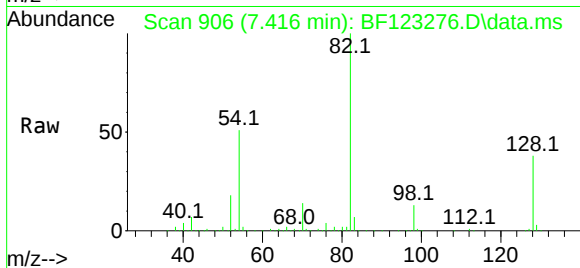
Ion	Ratio	Lower	Upper
82	100		
128	37.7	37.0	55.4
54	50.6	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

TP-4



#25

Isophorone

Concen: 40.25 ng

RT: 7.416 min Scan# 906

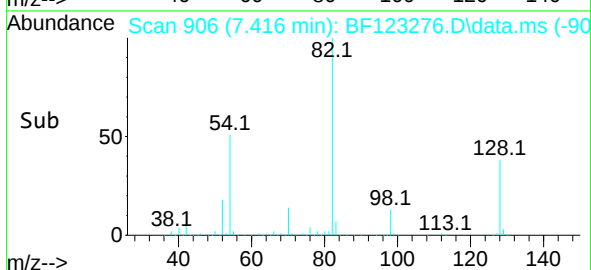
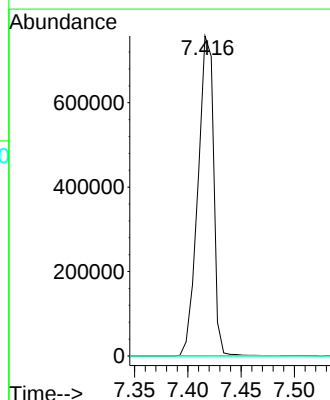
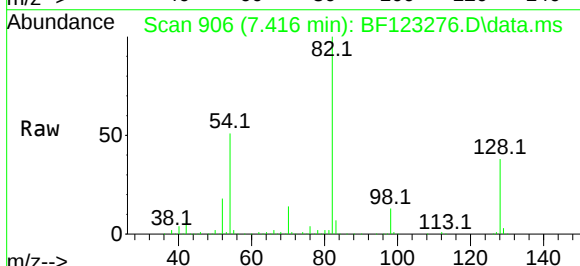
Delta R.T. -0.270 min

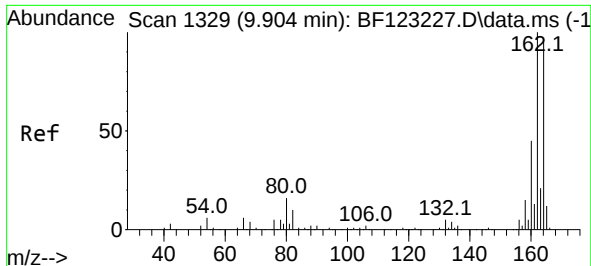
Lab File: BF123276.D

Acq: 23 Feb 2021 12:18

Tgt Ion: 82 Resp: 777110

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF123276.D

Acq: 23 Feb 2021 12:18

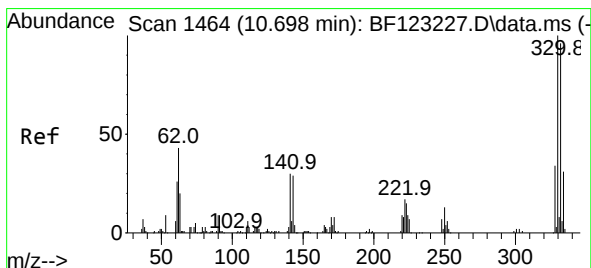
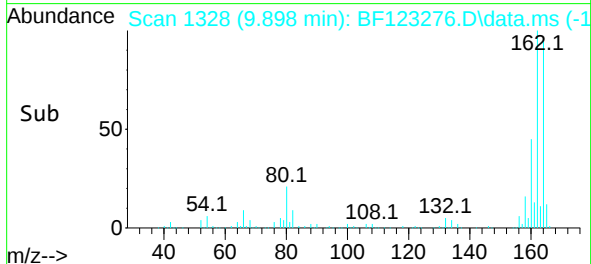
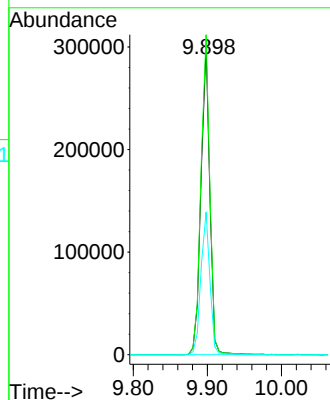
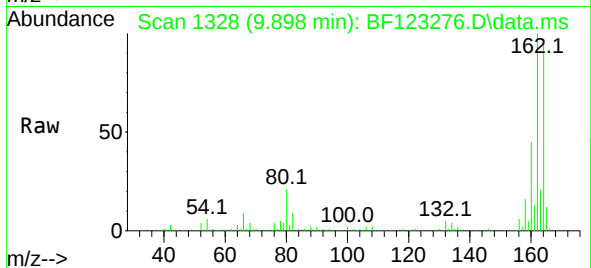
Tgt Ion:164 Resp: 249909

Ion Ratio Lower Upper

164 100

162 103.3 80.8 121.2

160 46.1 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 117.01 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF123276.D

Acq: 23 Feb 2021 12:18

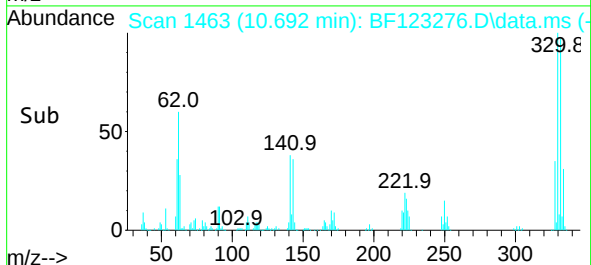
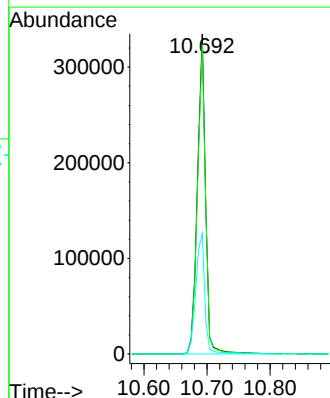
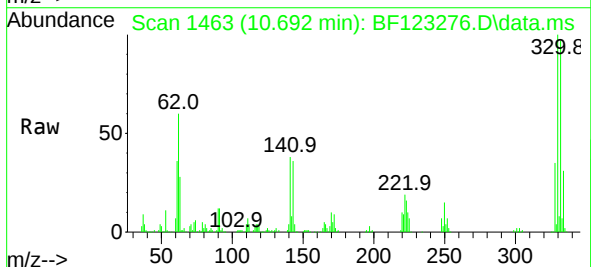
Tgt Ion:330 Resp: 297747

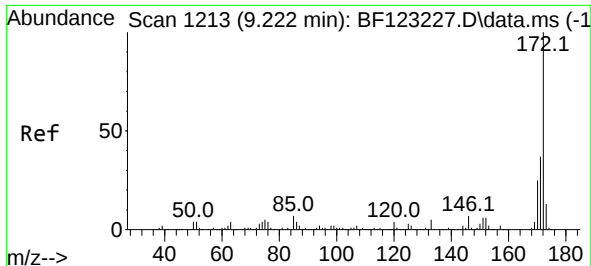
Ion Ratio Lower Upper

330 100

332 96.5 77.5 116.3

141 41.7 23.8 35.8#

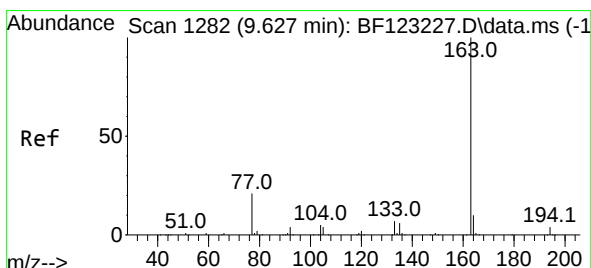
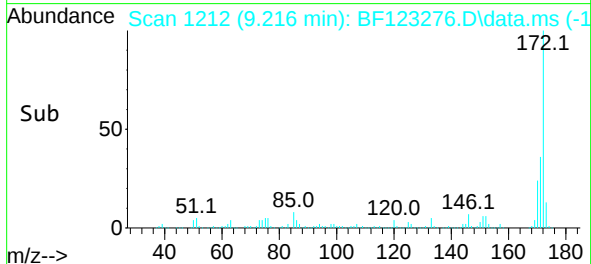
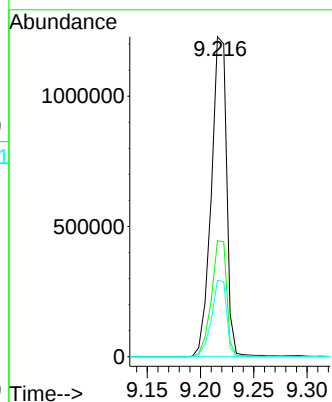
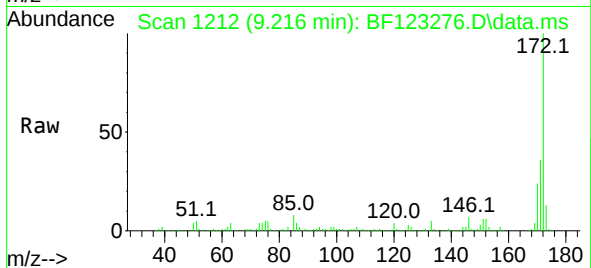




#45
2-Fluorobiphenyl
Concen: 70.89 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123276.D
Acq: 23 Feb 2021 12:18

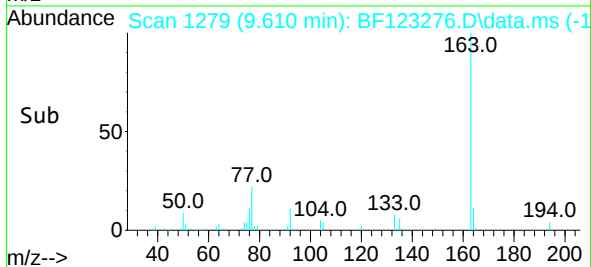
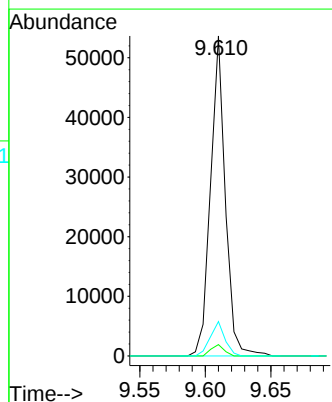
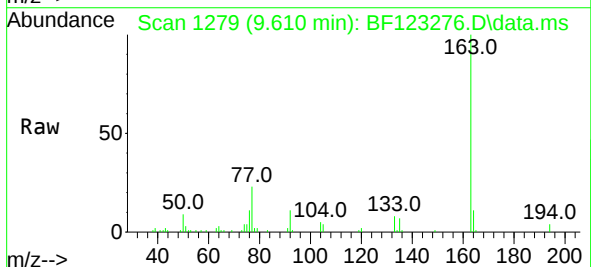
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BNA_F
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TP-4

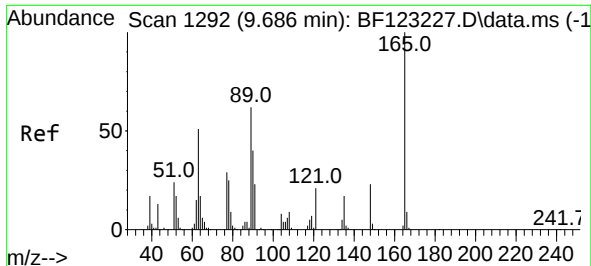
Tgt Ion:172 Resp: 1233410
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.9 19.5 29.3



#50
Dimethylphthalate
Concen: 2.26 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.017 min
Lab File: BF123276.D
Acq: 23 Feb 2021 12:18

Tgt Ion:163 Resp: 42235
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.0
164 10.8 8.1 12.1

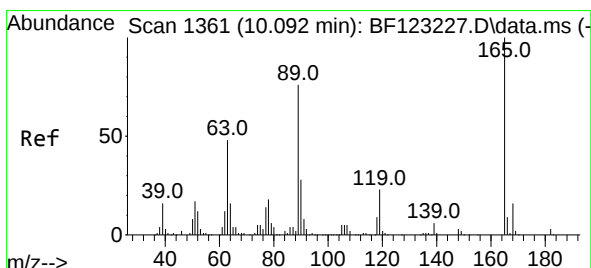
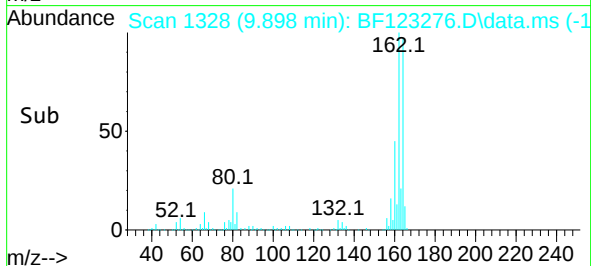
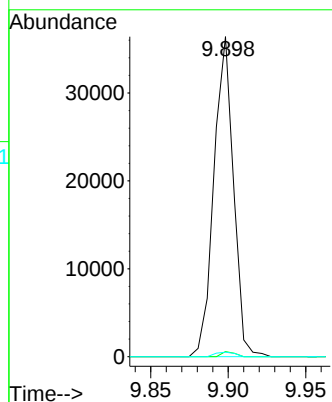
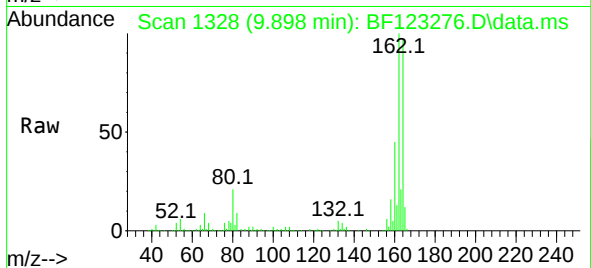




#51
2,6-Dinitrotoluene
Concen: 7.42 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123276.D
Acq: 23 Feb 2021 12:18

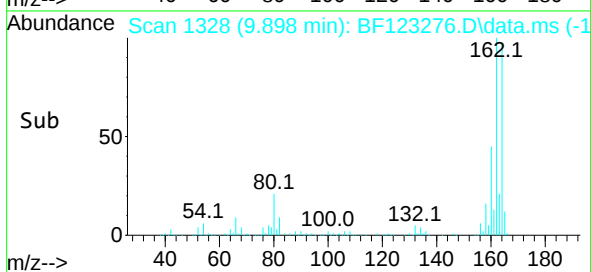
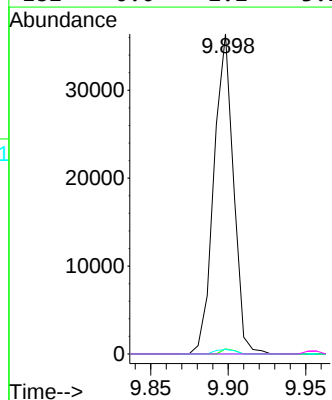
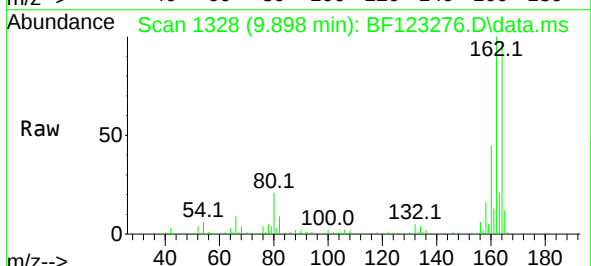
Instrument :
BNA_F
ClientSampled :
TP-4

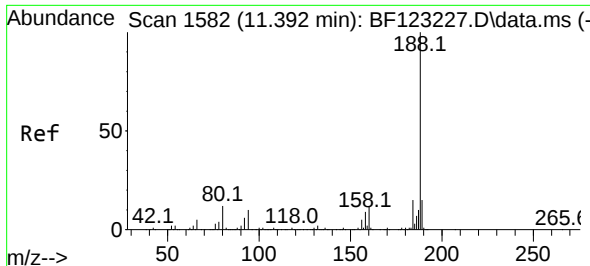
Tgt Ion:165 Resp: 31946
Ion Ratio Lower Upper
165 100
63 1.6 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.52 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123276.D
Acq: 23 Feb 2021 12:18

Tgt Ion:165 Resp: 31946
Ion Ratio Lower Upper
165 100
63 1.6 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

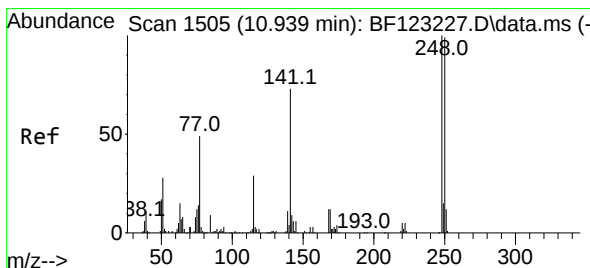
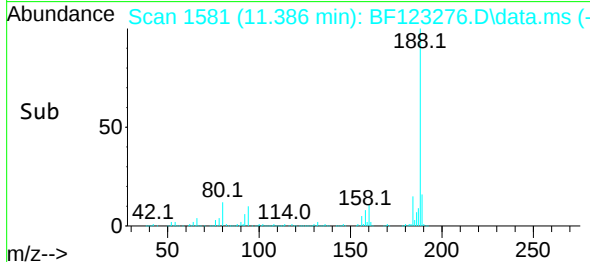
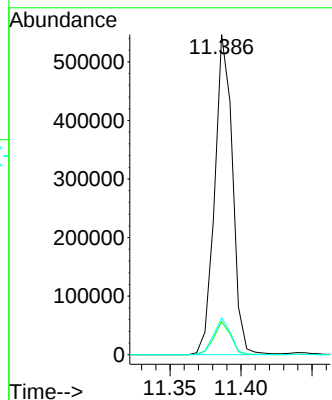
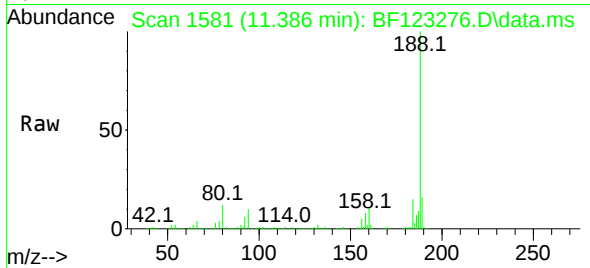




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123276.D
Acq: 23 Feb 2021 12:18

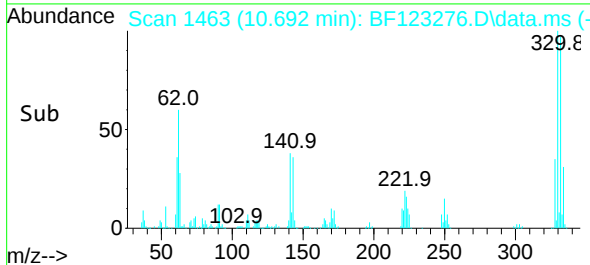
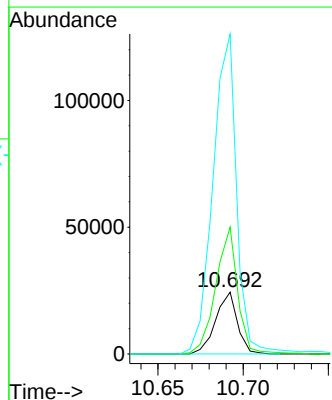
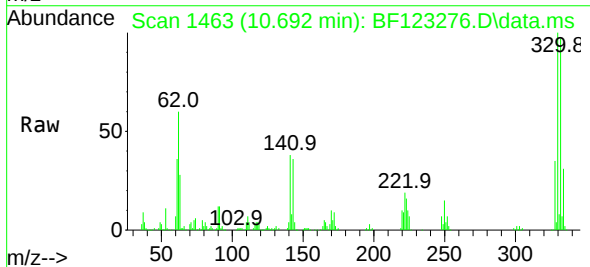
Instrument :
BNA_F
ClientSampleId :
TP-4

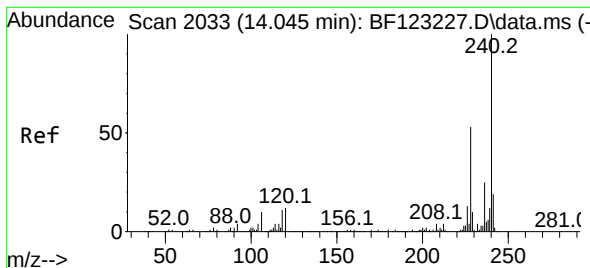
Tgt Ion:188 Resp: 476858
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 11.6 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.16 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF123276.D
Acq: 23 Feb 2021 12:18

Tgt Ion:248 Resp: 21606
Ion Ratio Lower Upper
248 100
250 205.7 76.8 115.2#
141 518.4 59.8 89.8#

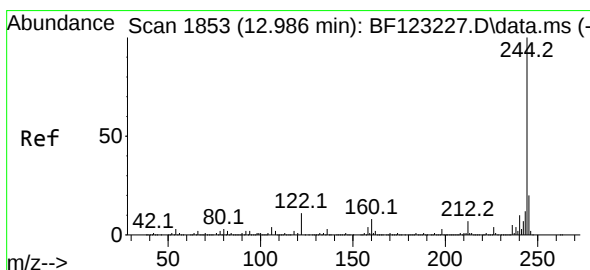
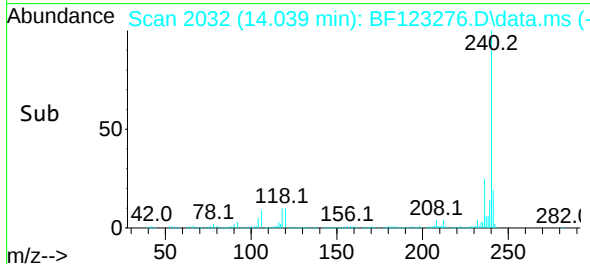
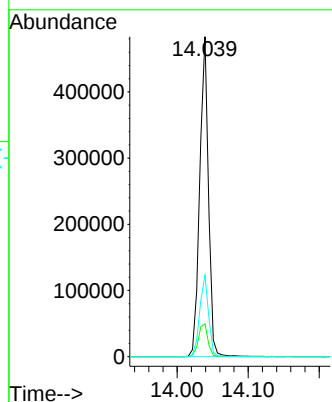
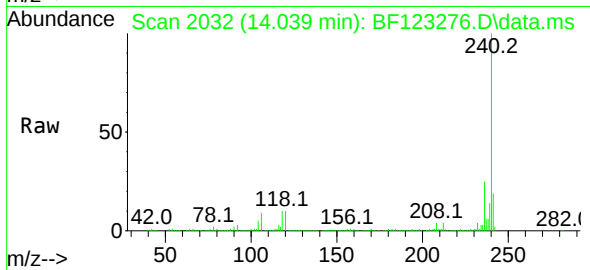




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123276.D
Acq: 23 Feb 2021 12:18

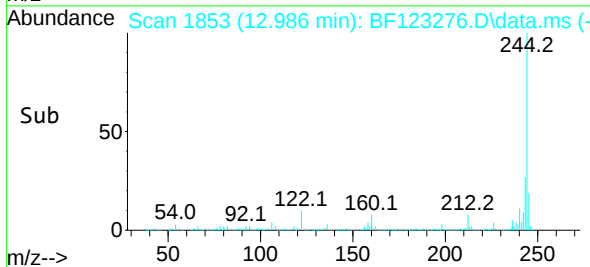
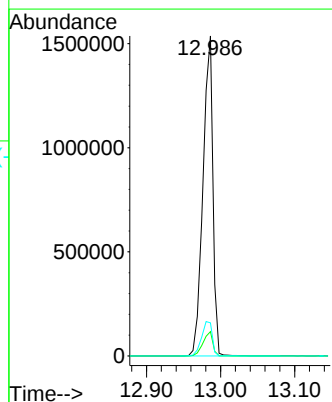
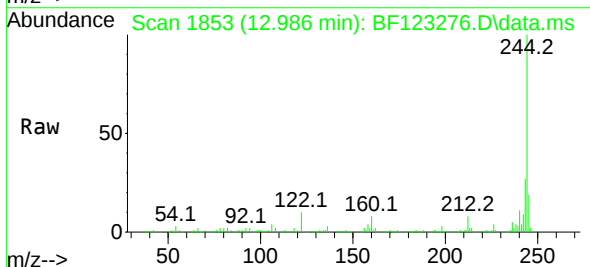
Instrument :
BNA_F
ClientSampled :
TP-4

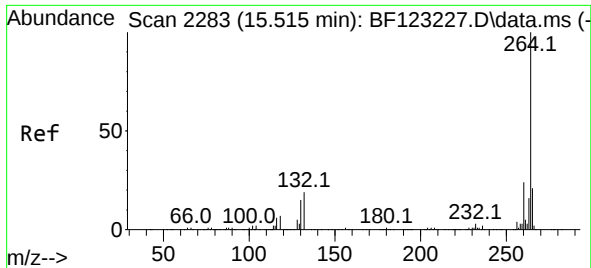
Tgt Ion:240 Resp: 414047
Ion Ratio Lower Upper
240 100
120 10.3 8.6 12.8
236 25.4 20.3 30.5



#79
Terphenyl-d14
Concen: 66.43 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF123276.D
Acq: 23 Feb 2021 12:18

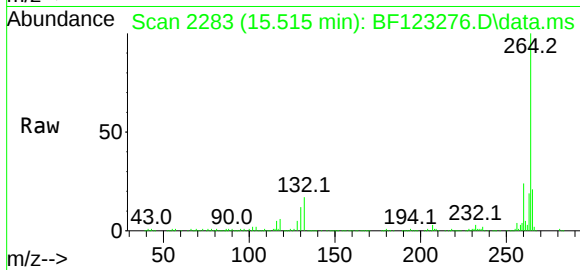
Tgt Ion:244 Resp: 1430424
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 10.3 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF123276.D
Acq: 23 Feb 2021 12:18

Instrument :
BNA_F
ClientSampleId :
TP-4



Tgt Ion:264 Resp: 351398

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.3	17.0	25.6

