

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022321\
 Data File : BF123275.D
 Acq On : 23 Feb 2021 11:45
 Operator : JU/CG
 Sample : M1452-28
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Feb 23 12:50:47 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	111473	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	457381	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	242329	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	459704	20.00	ng	0.00
76) Chrysene-d12	14.039	240	419947	20.00	ng	0.00
86) Perylene-d12	15.509	264	387501	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	589388	76.11	ng	0.01
7) Phenol-d6	6.487	99	728425	69.23	ng	0.00
23) Nitrobenzene-d5	7.416	82	568196	56.87	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	257077	104.18	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	927780	55.00	ng	0.00
79) Terphenyl-d14	12.986	244	1446016	66.21	ng	0.00

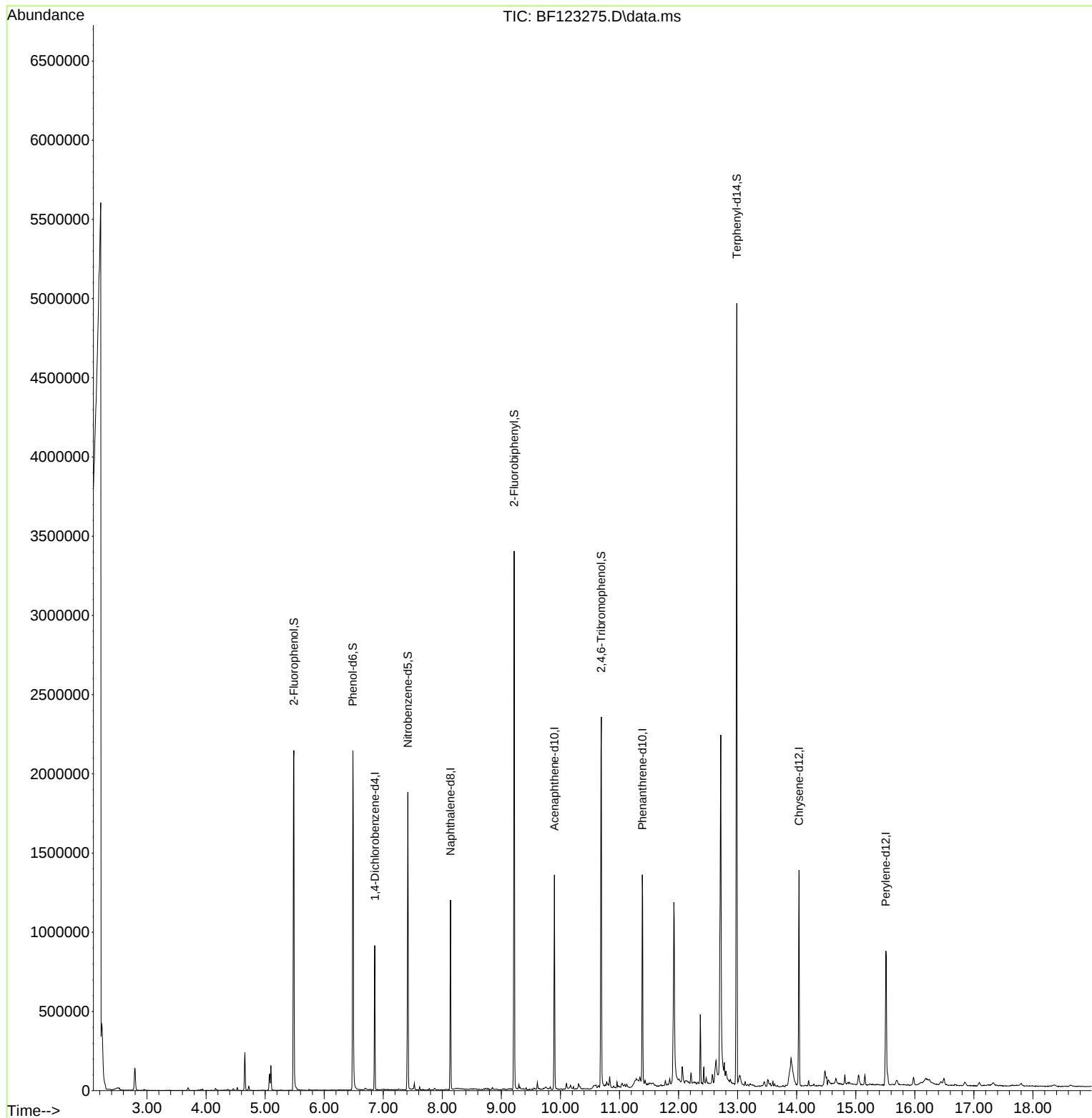
Target Compounds	Qvalue

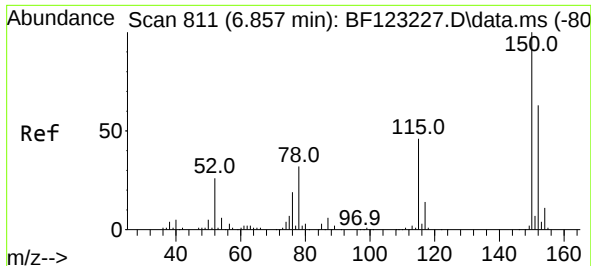
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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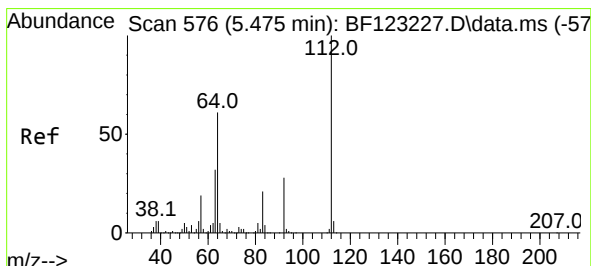
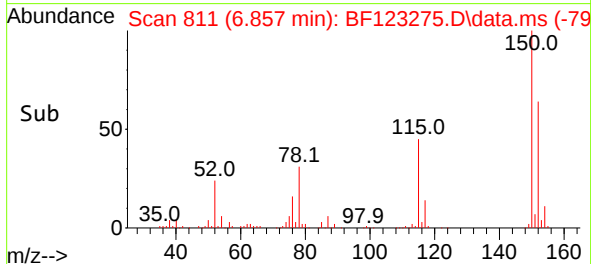
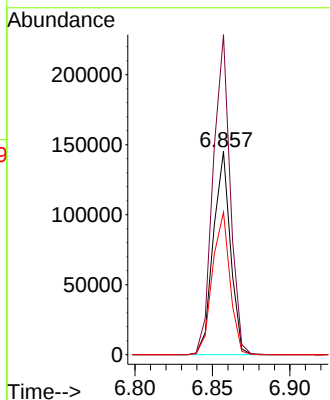
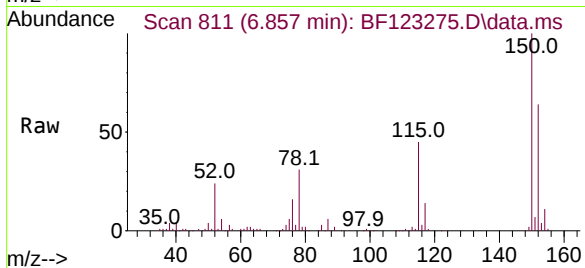




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123275.D
Acq: 23 Feb 2021 11:45

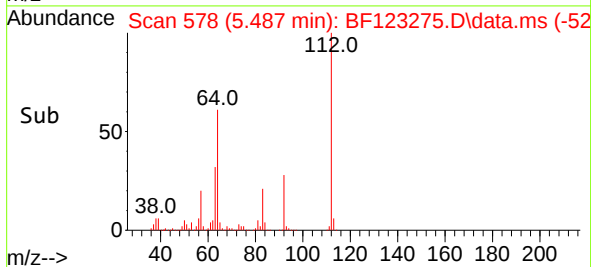
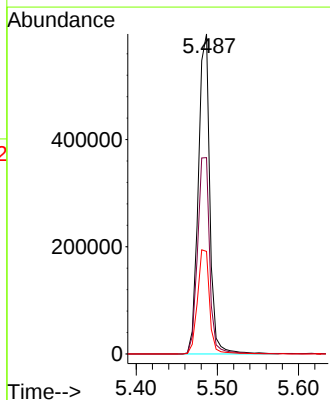
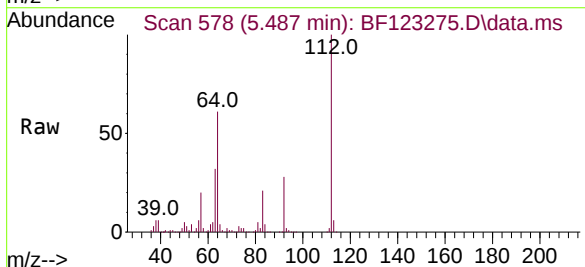
Instrument :
BNA_F
ClientSampleId :
TP-7

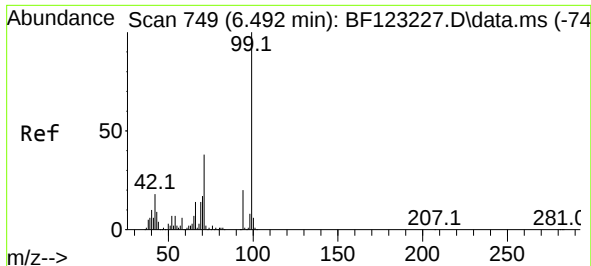
Tgt Ion:152 Resp: 111473
Ion Ratio Lower Upper
152 100
150 157.4 125.8 188.6
115 70.1 49.3 73.9



#5
2-Fluorophenol
Concen: 76.11 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF123275.D
Acq: 23 Feb 2021 11:45

Tgt Ion:112 Resp: 589388
Ion Ratio Lower Upper
112 100
64 61.4 46.9 70.3
63 32.1 24.5 36.7



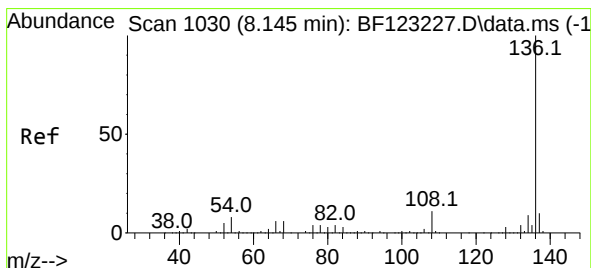
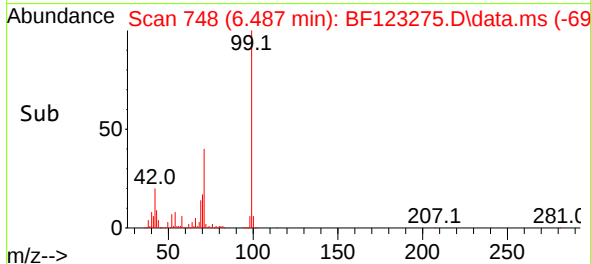
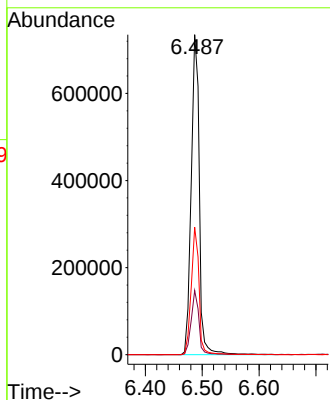
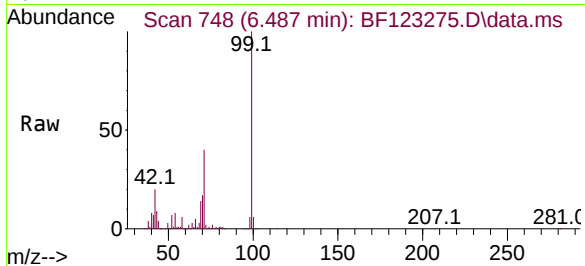


#7
Phenol-d6
Concen: 69.23 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123275.D
Acq: 23 Feb 2021 11:45

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion: 99 Resp: 728425

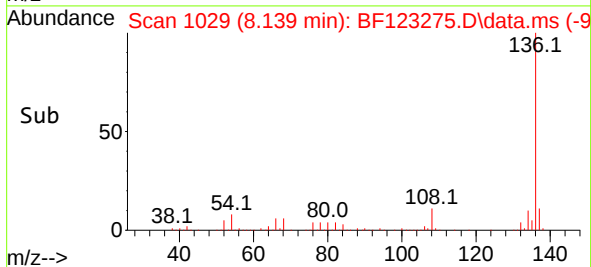
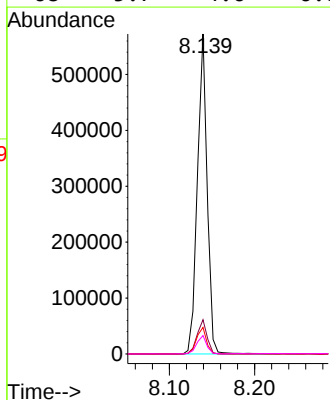
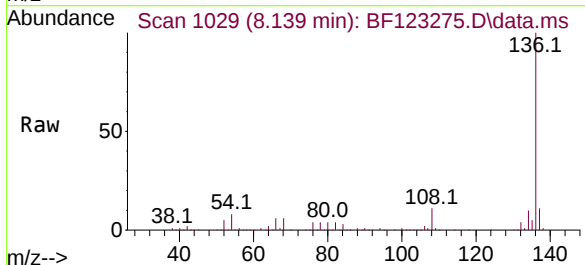
Ion	Ratio	Lower	Upper
99	100		
42	20.1	13.8	20.6
71	39.9	26.9	40.3

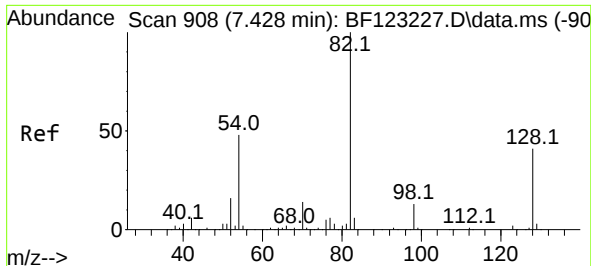


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123275.D
Acq: 23 Feb 2021 11:45

Tgt Ion: 136 Resp: 457381

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.3	5.5	8.3#
68	5.7	4.6	6.8





#23

Nitrobenzene-d5

Concen: 56.87 ng

RT: 7.416 min Scan# 906

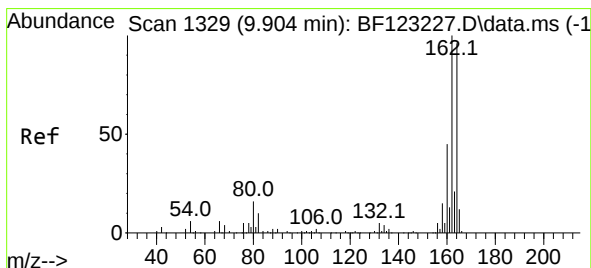
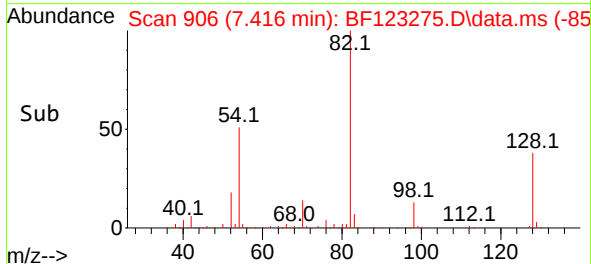
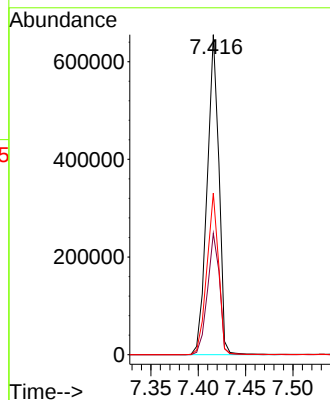
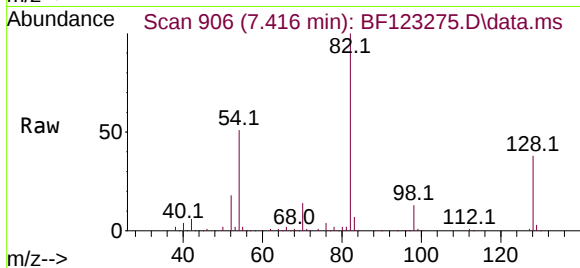
Delta R.T. -0.012 min

Lab File: BF123275.D

Acq: 23 Feb 2021 11:45

Tgt Ion: 82 Resp: 568196

Ion	Ratio	Lower	Upper
82	100		
128	37.9	37.0	55.4
54	50.5	38.4	57.6



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.898 min Scan# 1328

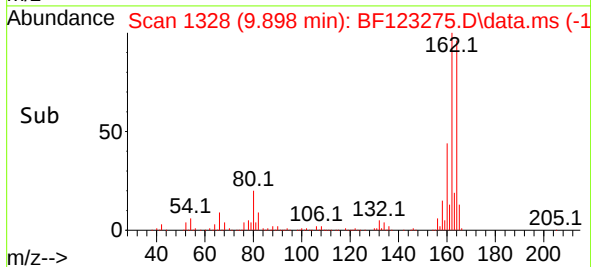
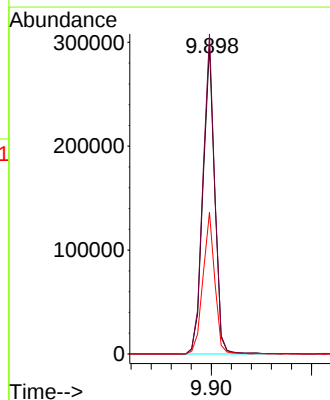
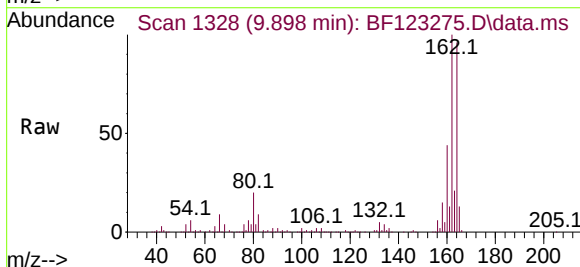
Delta R.T. -0.006 min

Lab File: BF123275.D

Acq: 23 Feb 2021 11:45

Tgt Ion: 164 Resp: 242329

Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.8	121.2
160	45.9	35.4	53.0

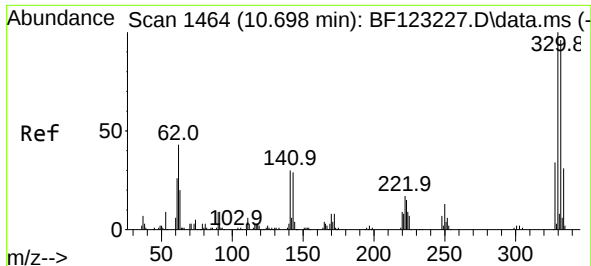


Instrument :

BNA_F

ClientSampleId :

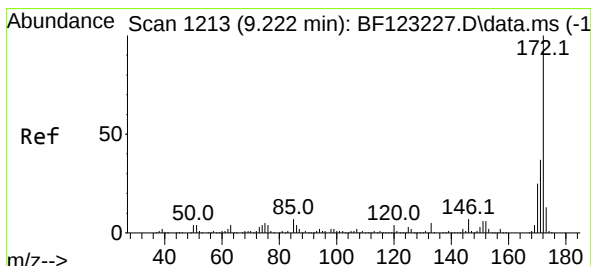
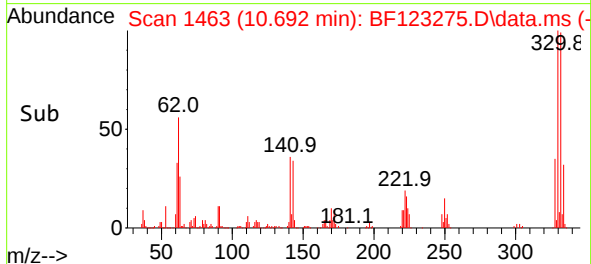
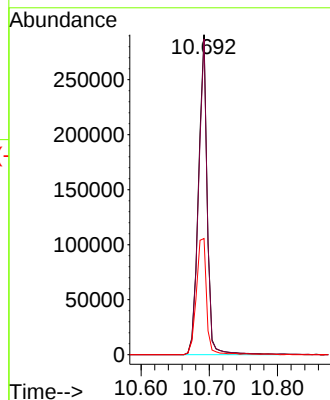
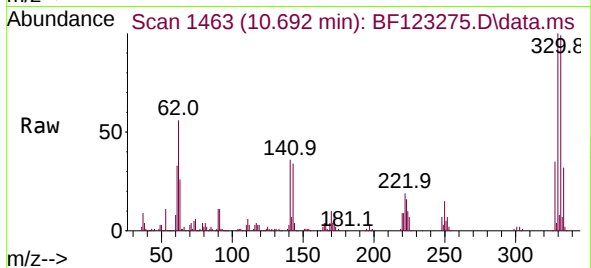
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#42
2,4,6-Tribromophenol
Concen: 104.18 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123275.D
Acq: 23 Feb 2021 11:45

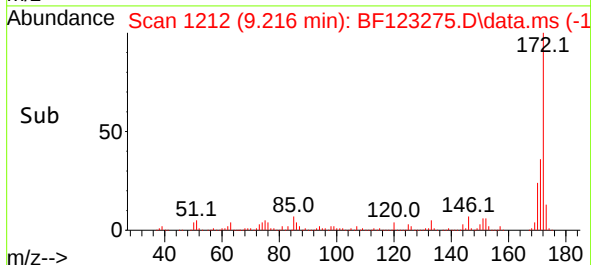
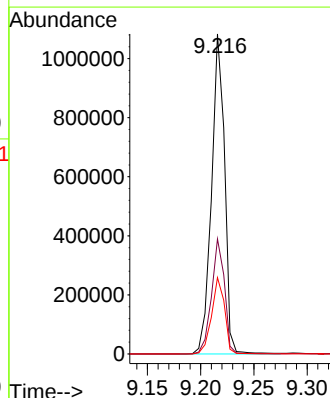
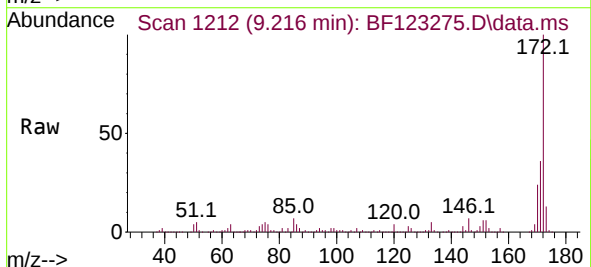
Instrument :
BNA_F
ClientSampleId :
TP-7

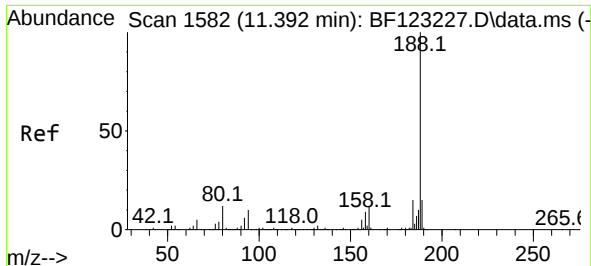
Tgt Ion: 330 Resp: 257077
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 42.6 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 55.00 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123275.D
Acq: 23 Feb 2021 11:45

Tgt Ion: 172 Resp: 927780
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.8 19.5 29.3

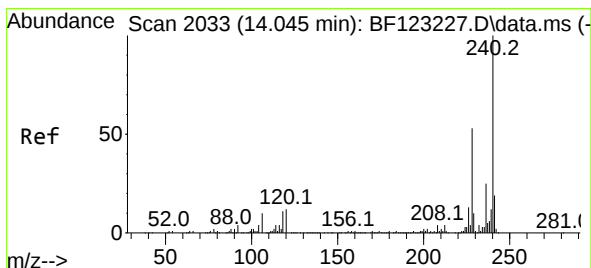
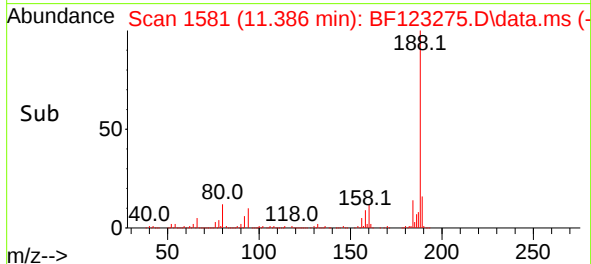
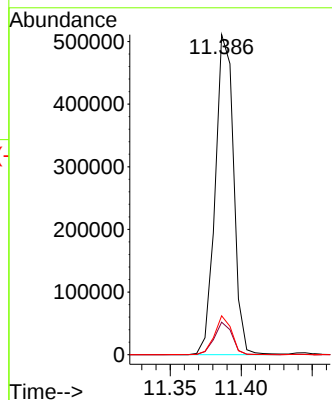
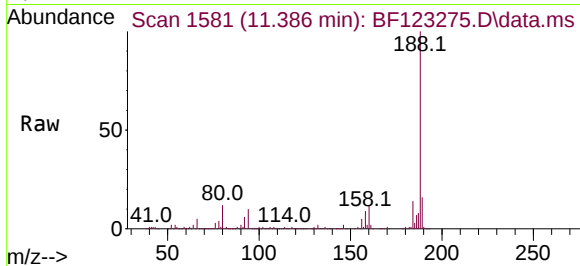




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123275.D
Acq: 23 Feb 2021 11:45

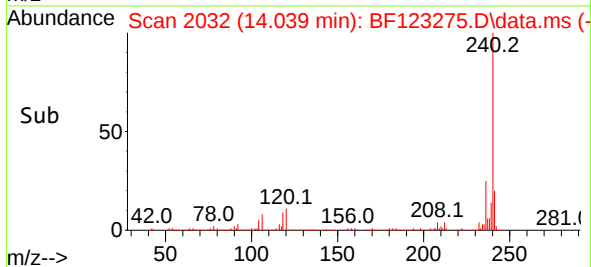
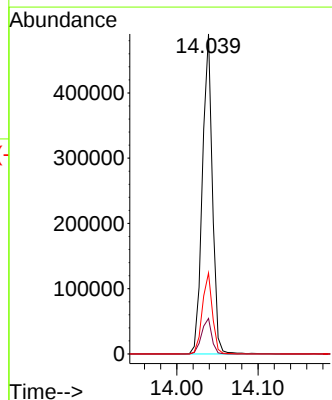
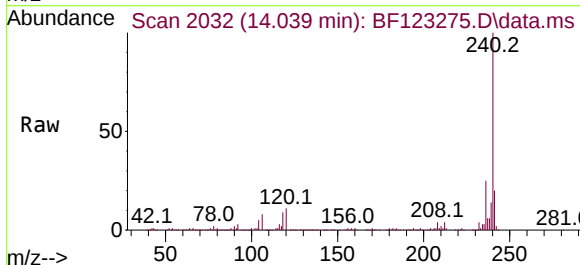
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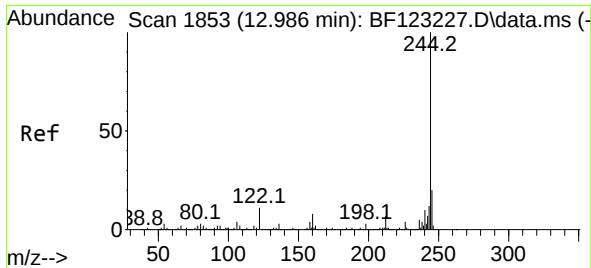
Tgt Ion:188 Resp: 459704
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 12.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123275.D
Acq: 23 Feb 2021 11:45

Tgt Ion:240 Resp: 419947
Ion Ratio Lower Upper
240 100
120 11.1 8.6 12.8
236 25.3 20.3 30.5

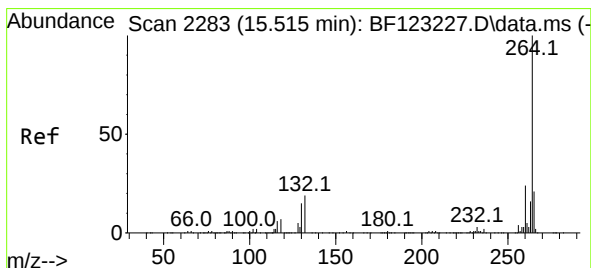
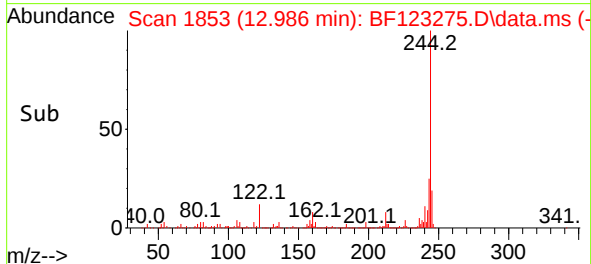
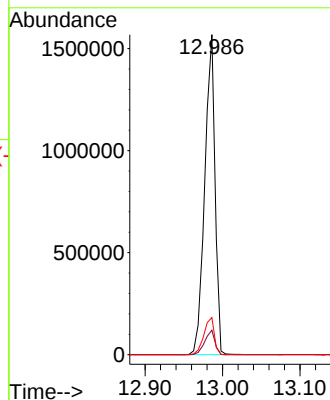
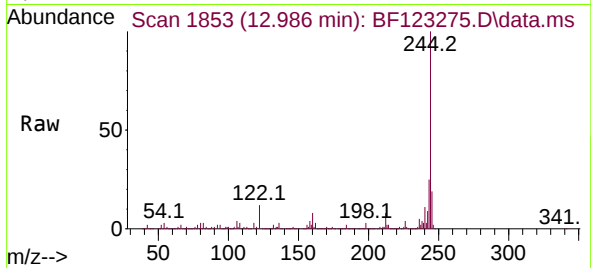




#79
Terphenyl-d14
Concen: 66.21 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF123275.D
Acq: 23 Feb 2021 11:45

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion:244 Resp: 1446016
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 11.6 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF123275.D
Acq: 23 Feb 2021 11:45

Tgt Ion:264 Resp: 387501
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.0 17.0 25.6

