

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022321\
 Data File : BF123287.D
 Acq On : 23 Feb 2021 18:35
 Operator : JU/CG
 Sample : M1454-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Time: Feb 23 23:54:13 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)

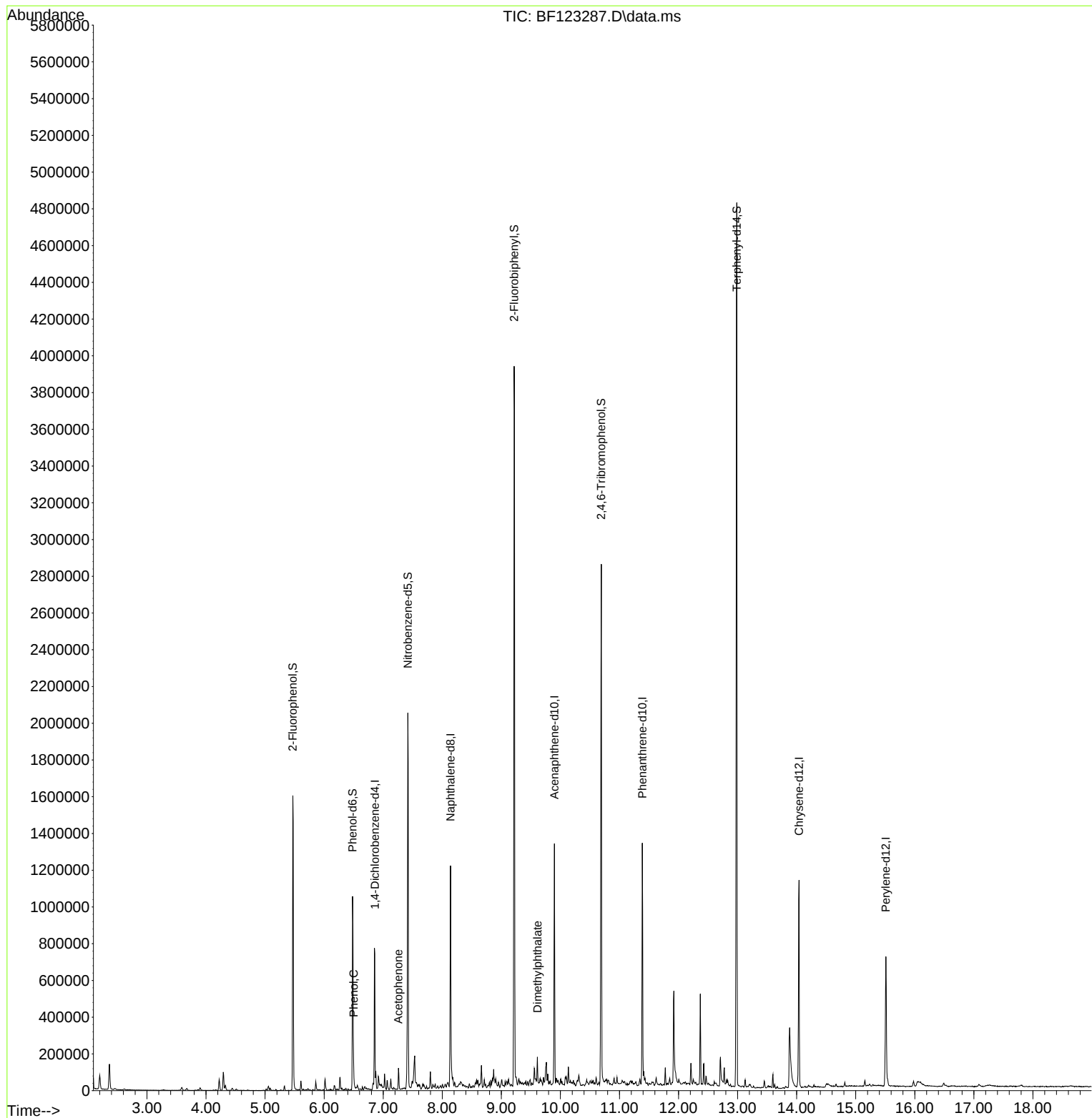
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	102304	20.00	ng	0.00
21) Naphthalene-d8	8.140	136	422969	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	224694	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	432371	20.00	ng	0.00
76) Chrysene-d12	14.039	240	366830	20.00	ng	0.00
86) Perylene-d12	15.510	264	307246	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	419693	59.05	ng	0.00
7) Phenol-d6	6.481	99	331908	34.37	ng	-0.01
23) Nitrobenzene-d5	7.416	82	666401	72.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	294079	128.53	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1120690	71.64	ng	0.00
79) Terphenyl-d14	12.986	244	1466579	76.88	ng	0.00
Target Compounds						
10) Phenol	6.498	94	31021	2.95	ng	Qvalue 98
22) Acetophenone	7.257	105	24385	2.22	ng	# 93
50) Dimethylphthalate	9.610	163	42864	2.55	ng	# 99

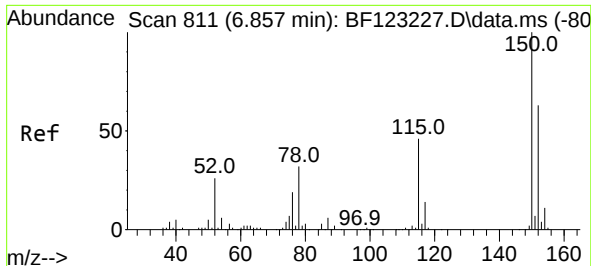
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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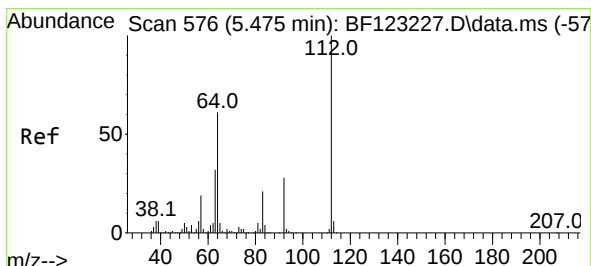
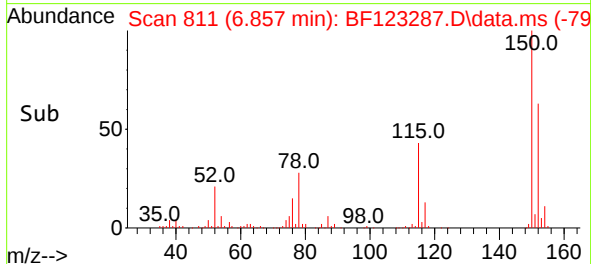
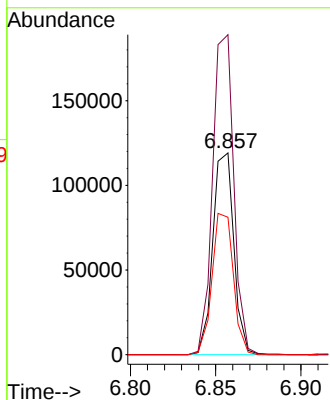
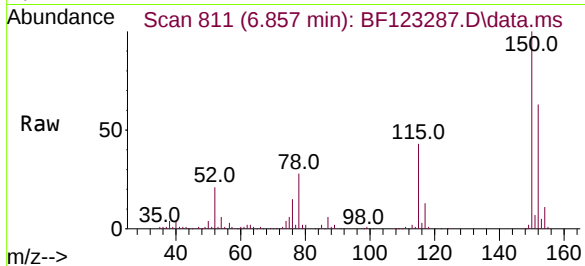




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

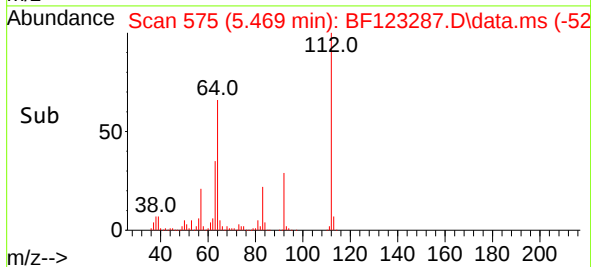
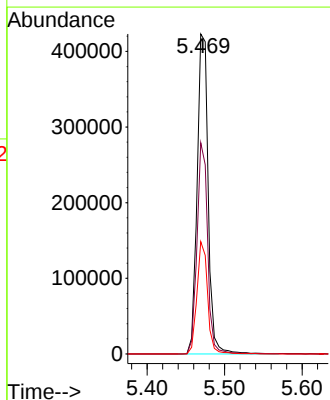
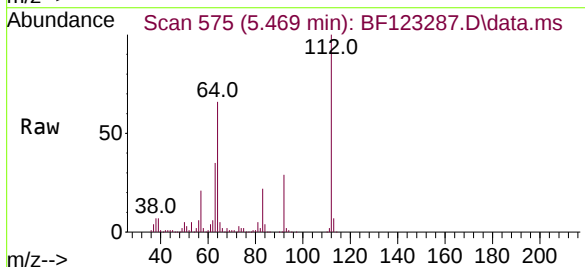
Instrument :
BNA_F
ClientSampled :
S-1

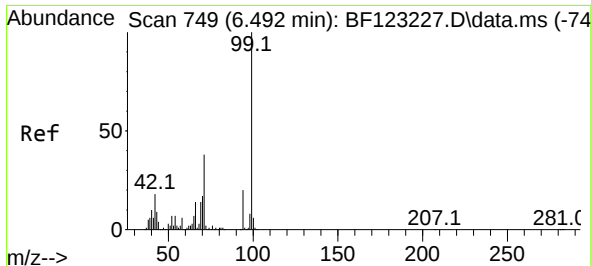
Tgt Ion:152 Resp: 102304
Ion Ratio Lower Upper
152 100
150 158.6 125.8 188.6
115 68.1 49.3 73.9



#5
2-Fluorophenol
Concen: 59.05 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

Tgt Ion:112 Resp: 419693
Ion Ratio Lower Upper
112 100
64 66.0 46.9 70.3
63 35.1 24.5 36.7



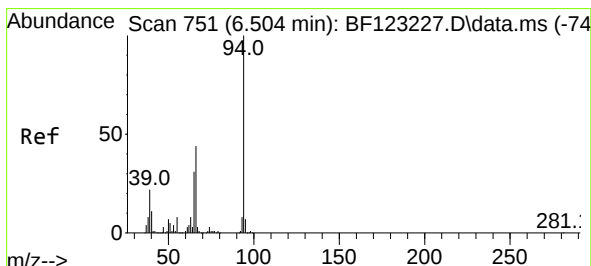
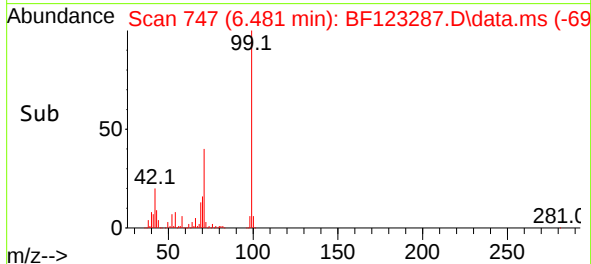
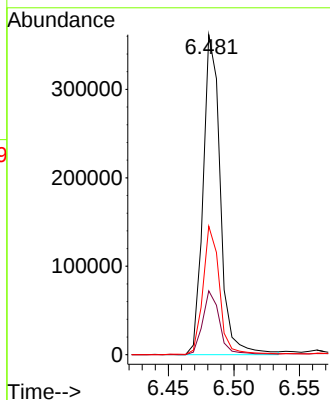
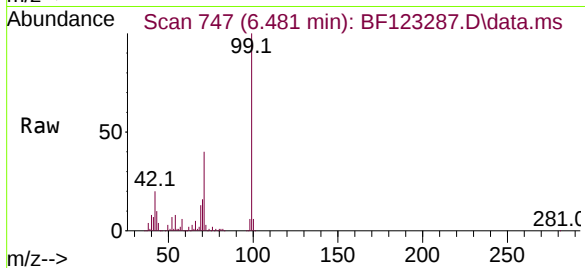


#7
Phenol-d6
Concen: 34.37 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 331908

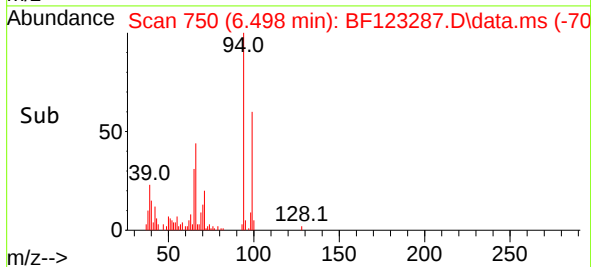
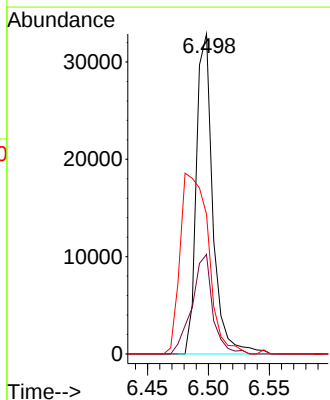
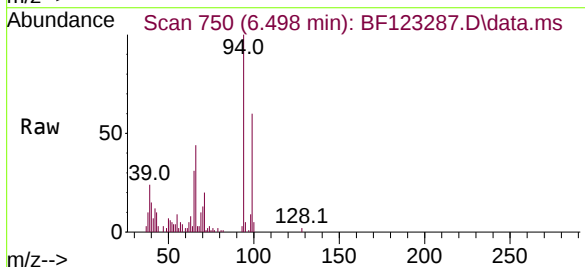
Ion	Ratio	Lower	Upper
99	100		
42	20.0	13.8	20.6
71	40.1	26.9	40.3

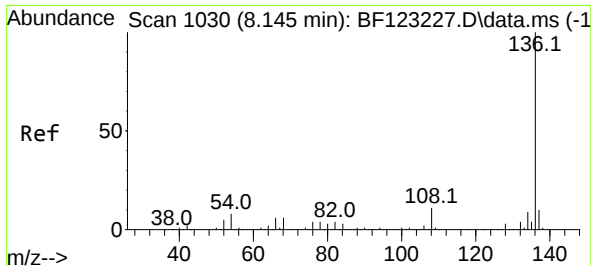


#10
Phenol
Concen: 2.95 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

Tgt Ion: 94 Resp: 31021

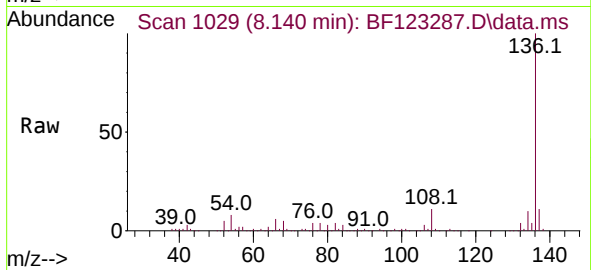
Ion	Ratio	Lower	Upper
94	100		
65	31.1	11.2	51.2
66	43.7	25.8	65.8



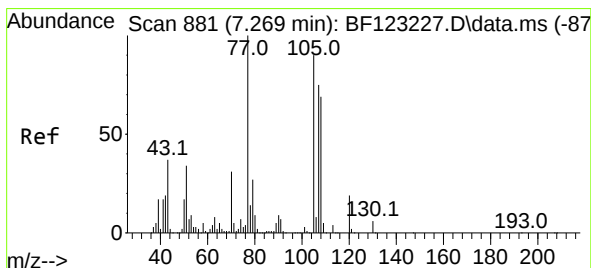
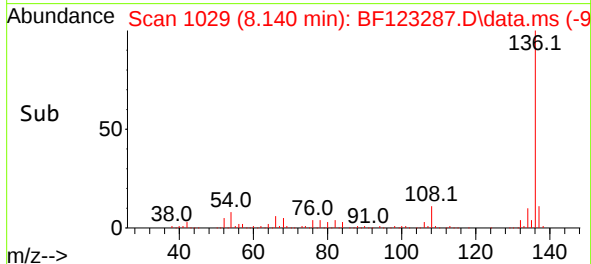
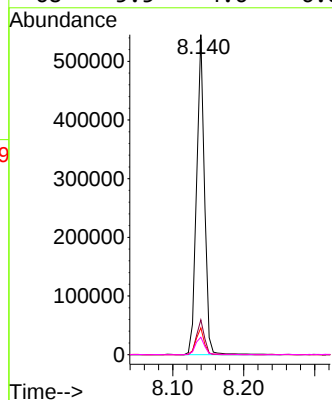


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

Instrument :
BNA_F
ClientSampled :
S-1

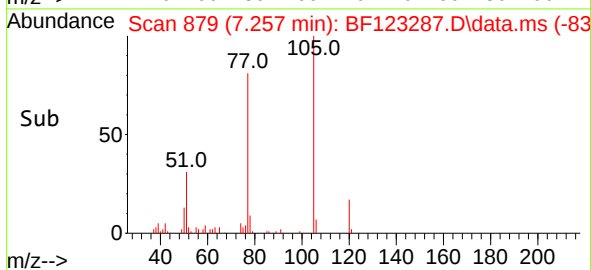
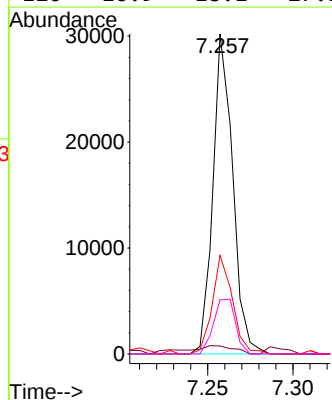
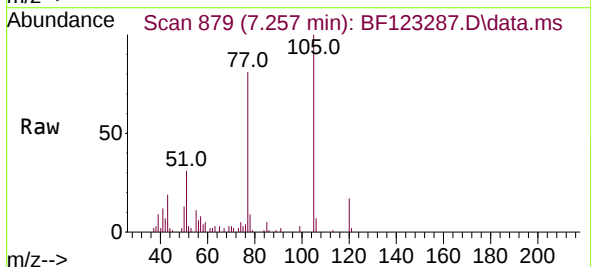


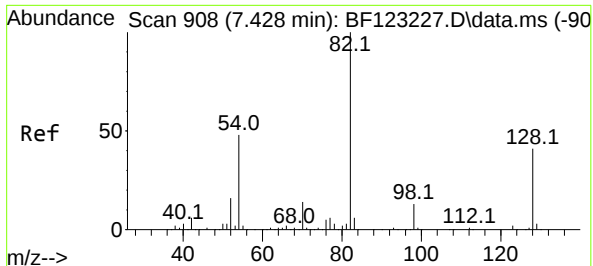
Tgt Ion:	136	Resp:	422969
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	8.4	5.5	8.3#
68	5.5	4.6	6.8



#22
Acetophenone
Concen: 2.22 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.012 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

Tgt Ion:	105	Resp:	24385
Ion Ratio	Lower	Upper	
105	100		
71	2.5	6.5	9.7#
51	30.8	24.3	36.5
120	16.9	18.1	27.1#





#23

Nitrobenzene-d5

Concen: 72.12 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF123287.D

Acq: 23 Feb 2021 18:35

Tgt Ion: 82 Resp: 666401

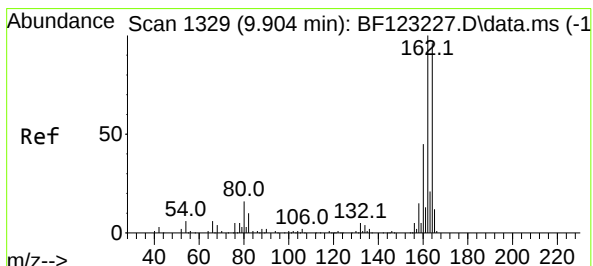
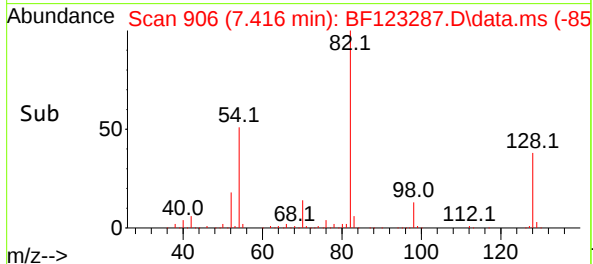
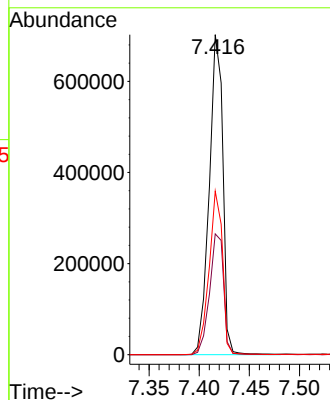
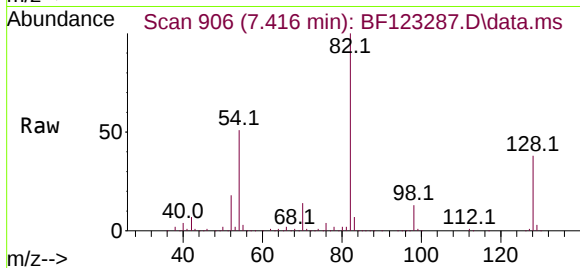
Ion	Ratio	Lower	Upper
82	100		
128	37.8	37.0	55.4
54	51.1	38.4	57.6

Instrument :

BNA_F

ClientSampled :

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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.898 min Scan# 1328

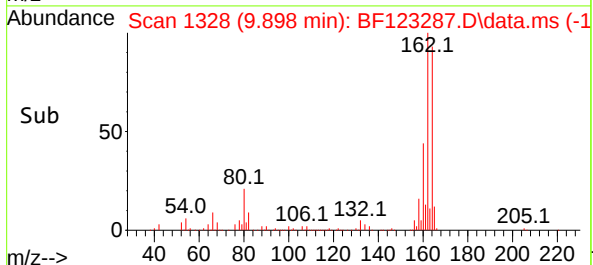
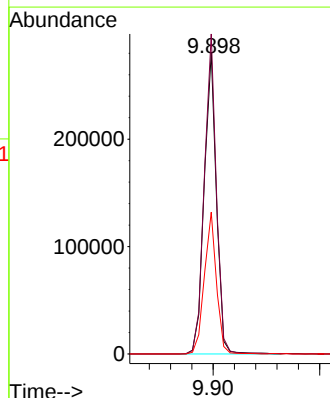
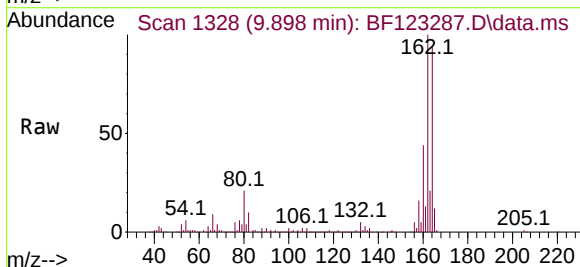
Delta R.T. -0.006 min

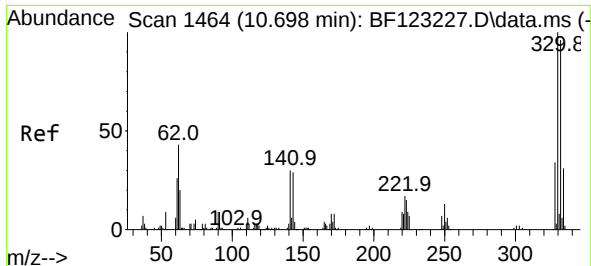
Lab File: BF123287.D

Acq: 23 Feb 2021 18:35

Tgt Ion:164 Resp: 224694

Ion	Ratio	Lower	Upper
164	100		
162	106.1	80.8	121.2
160	47.0	35.4	53.0

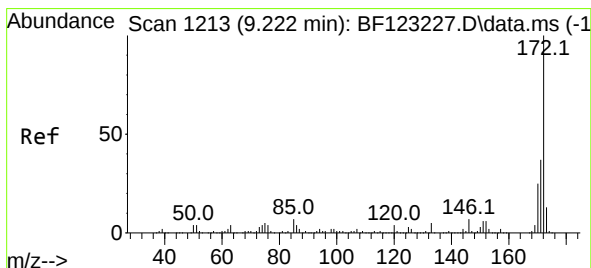
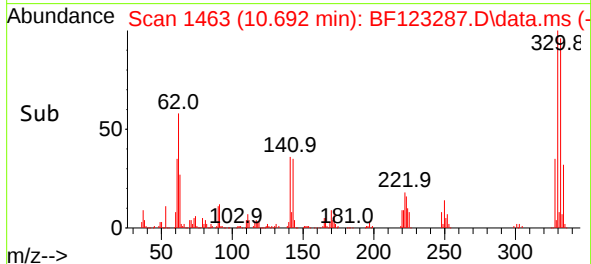
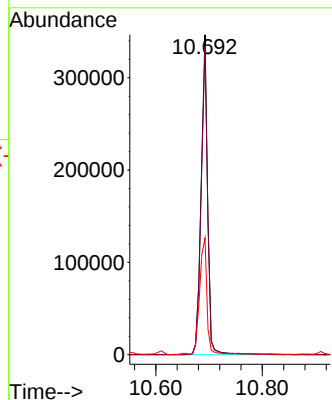
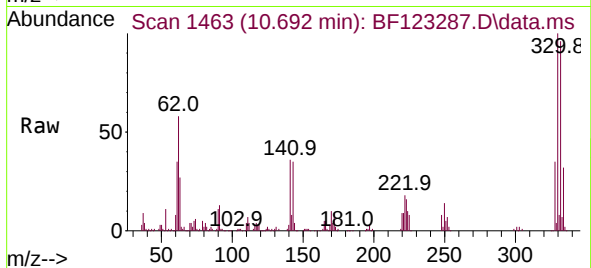




#42
2,4,6-Tribromophenol
Concen: 128.53 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

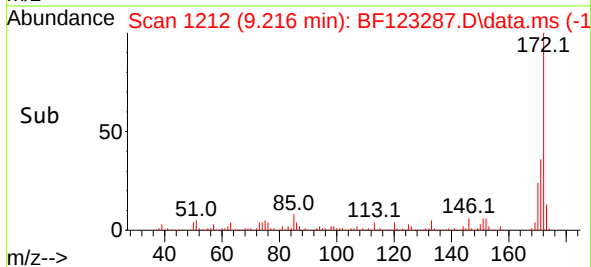
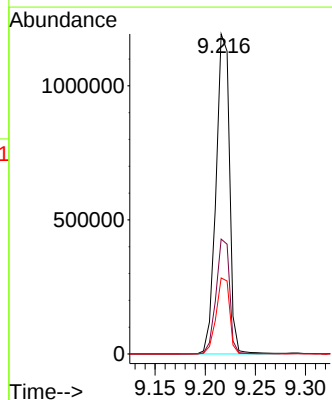
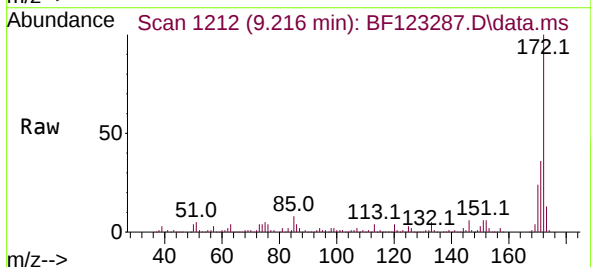
Instrument :
BNA_F
ClientSampleId :
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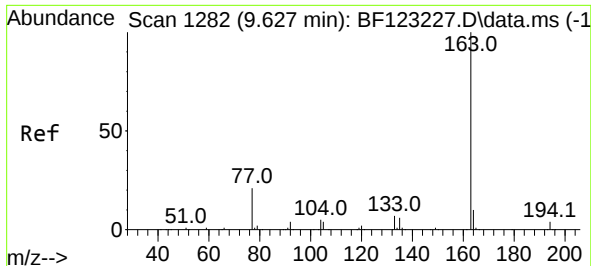
Tgt Ion: 330 Resp: 294079
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 40.1 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 71.64 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

Tgt Ion: 172 Resp: 1120690
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.8 19.5 29.3

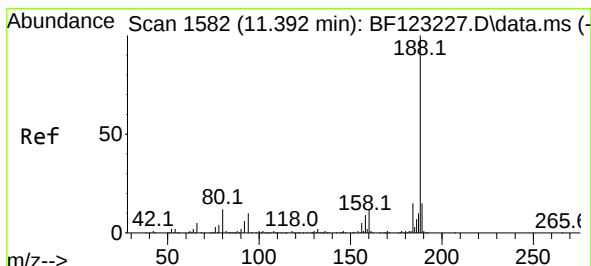
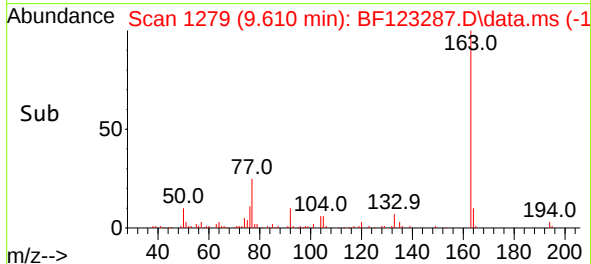
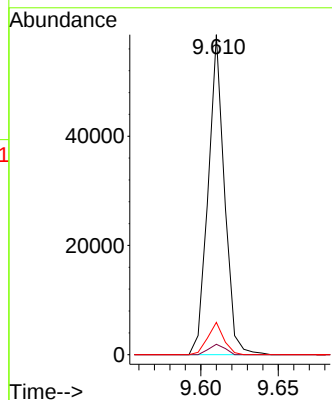
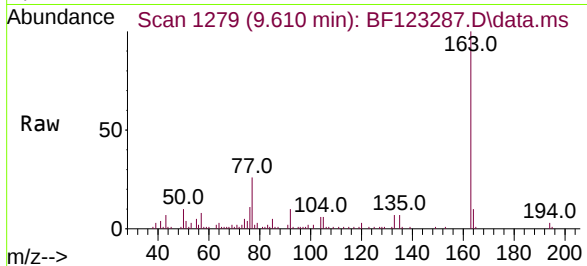




#50
Dimethylphthalate
Concen: 2.55 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

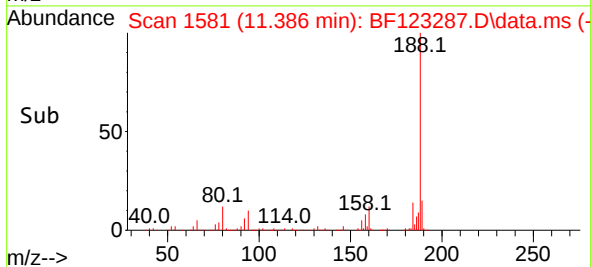
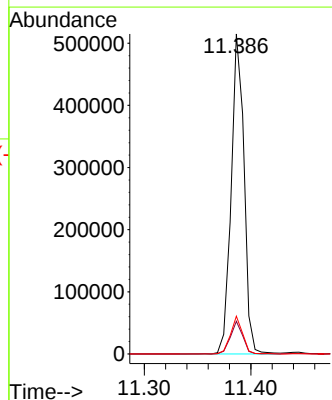
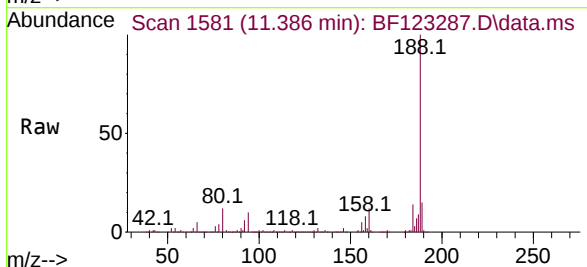
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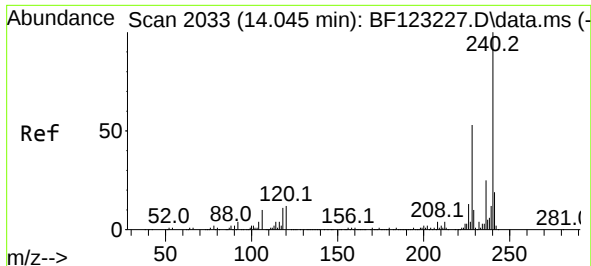
Tgt Ion:163 Resp: 42864
Ion Ratio Lower Upper
163 100
194 3.2 3.4 5.0#
164 10.1 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

Tgt Ion:188 Resp: 432371
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 11.8 8.2 12.4

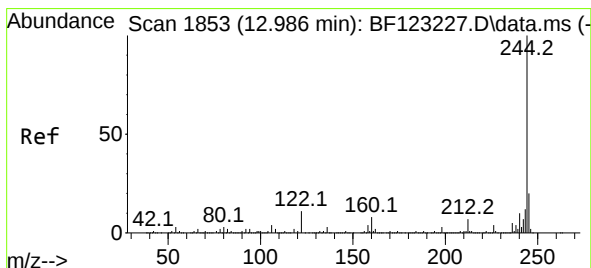
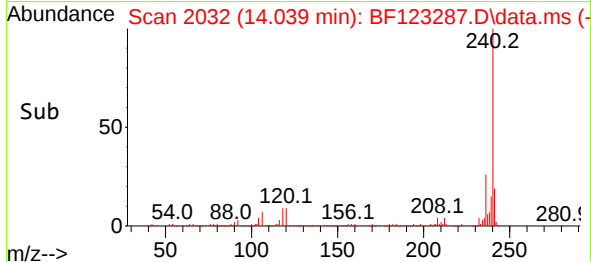
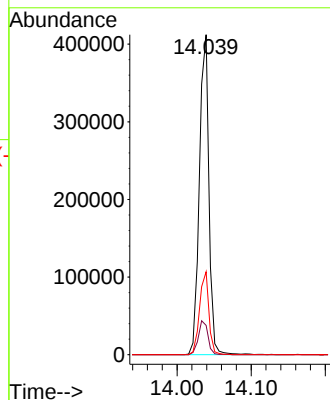
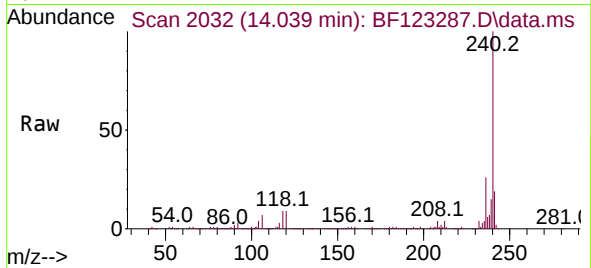




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

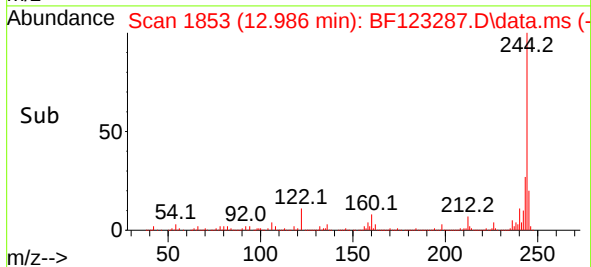
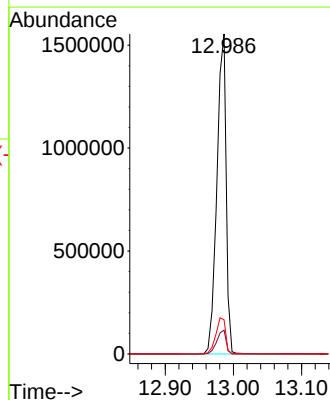
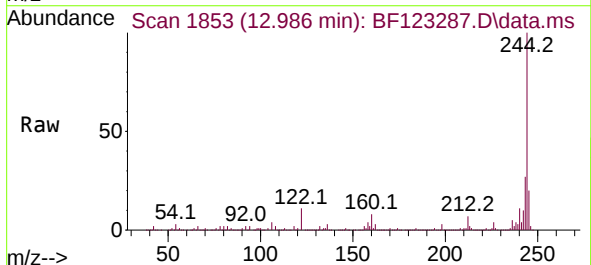
Instrument :
BNA_F
ClientSampled :
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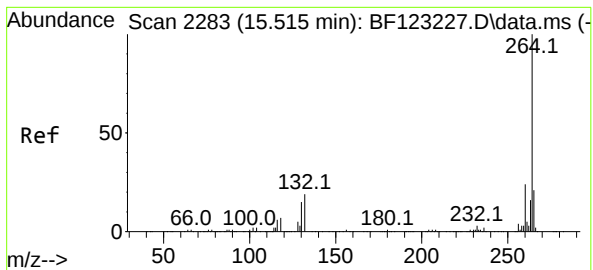
Tgt Ion:240 Resp: 366830
Ion Ratio Lower Upper
240 100
120 9.2 8.6 12.8
236 25.9 20.3 30.5



#79
Terphenyl-d14
Concen: 76.88 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

Tgt Ion:244 Resp: 1466579
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.7 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.510 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF123287.D
 Acq: 23 Feb 2021 18:35

Instrument :
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Tgt Ion:264 Resp: 307246

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	21.8	17.0	25.6

