

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022321\
 Data File : BF123284.D
 Acq On : 23 Feb 2021 16:57
 Operator : JU/CG
 Sample : M1452-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Feb 23 23:53:04 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

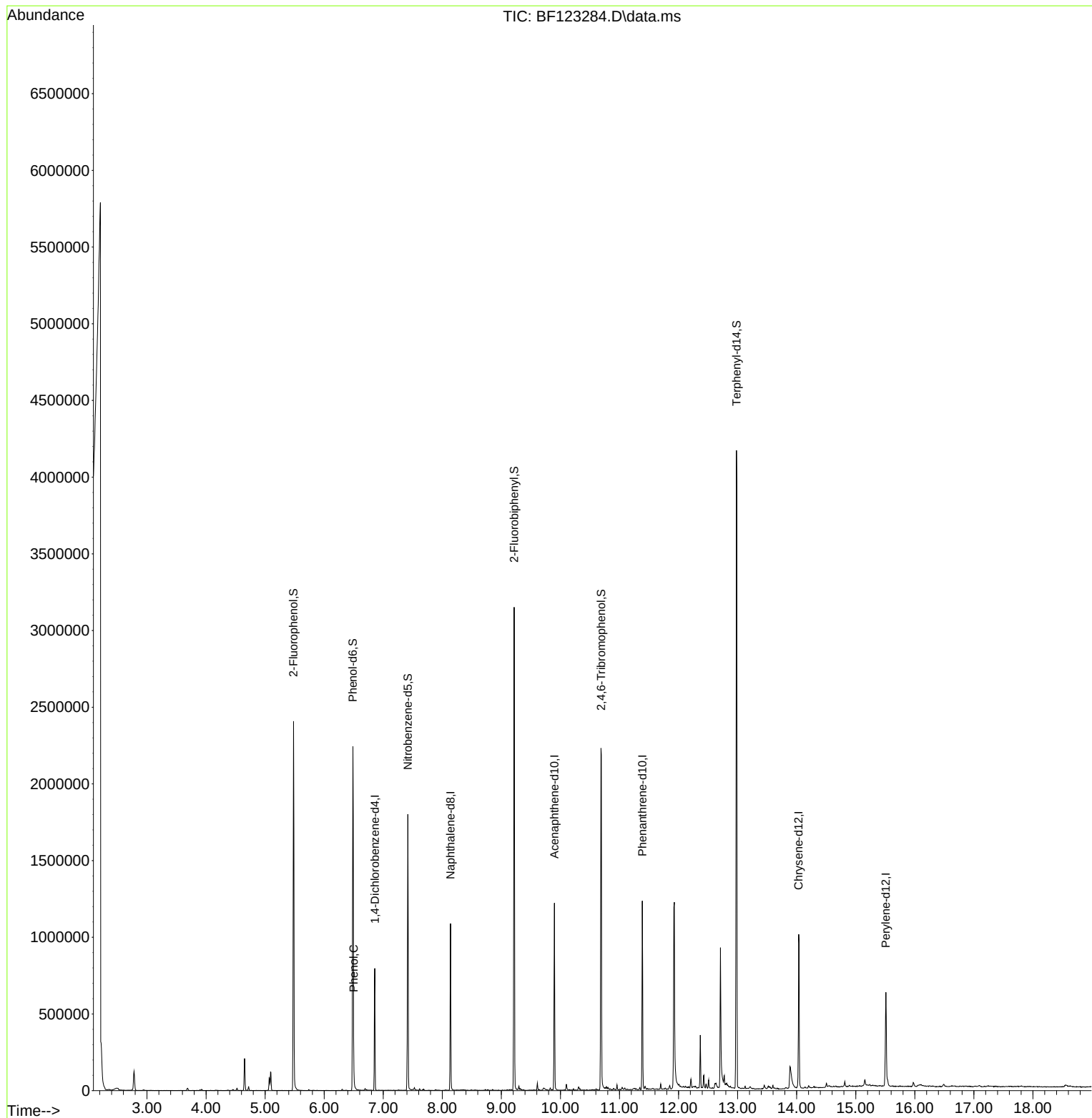
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	100229	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	414063	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	211384	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	400875	20.00	ng	0.00
76) Chrysene-d12	14.033	240	334570	20.00	ng	-0.01
86) Perylene-d12	15.510	264	265865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	605065	86.89	ng	0.00
7) Phenol-d6	6.487	99	755667	79.88	ng	0.00
23) Nitrobenzene-d5	7.416	82	536748	59.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	256575	119.20	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	862939	58.64	ng	0.00
79) Terphenyl-d14	12.980	244	1345997	77.36	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.498	94	25399	2.46	ng	89

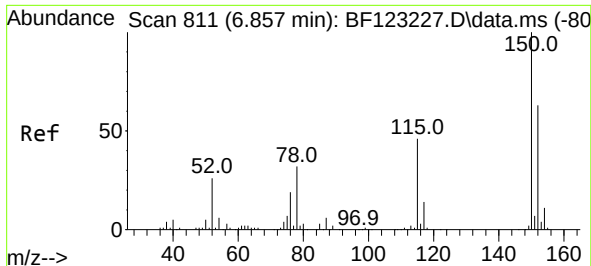
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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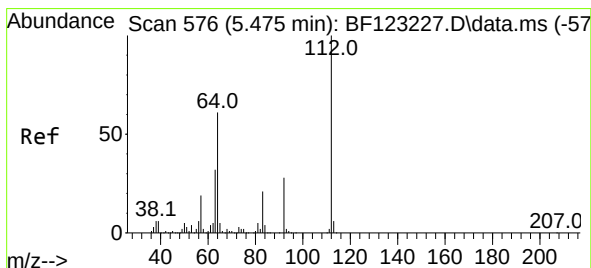
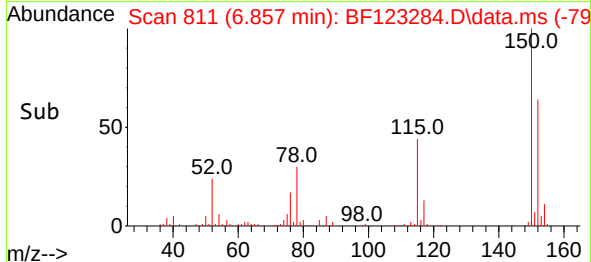
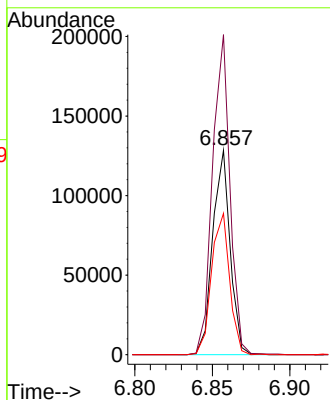
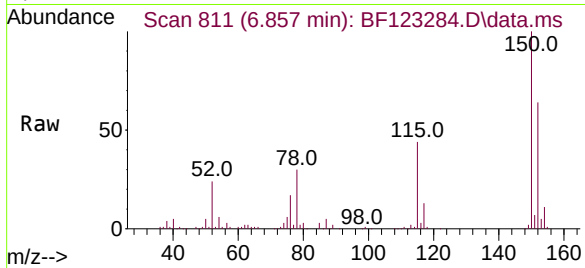




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

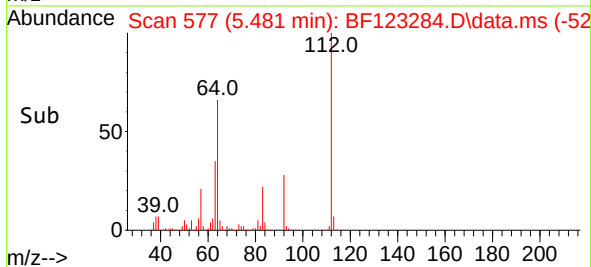
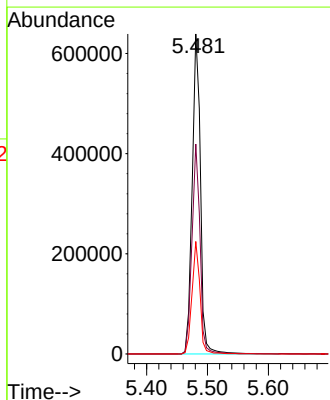
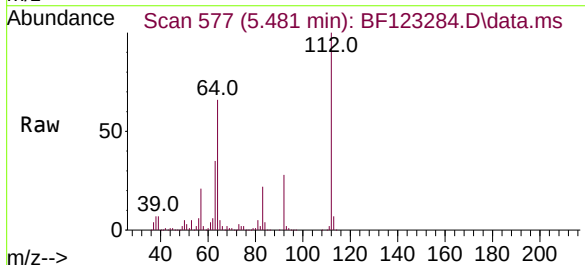
Instrument :
BNA_F
ClientSampled :
TP-1

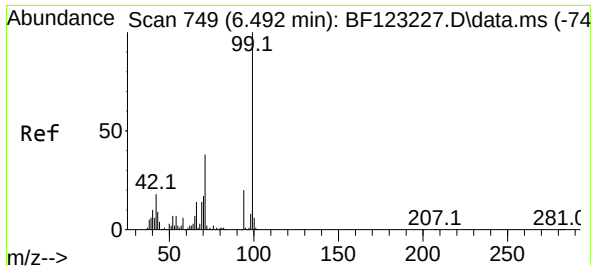
Tgt Ion:152 Resp: 100229
Ion Ratio Lower Upper
152 100
150 156.6 125.8 188.6
115 69.1 49.3 73.9



#5
2-Fluorophenol
Concen: 86.89 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

Tgt Ion:112 Resp: 605065
Ion Ratio Lower Upper
112 100
64 65.6 46.9 70.3
63 35.1 24.5 36.7

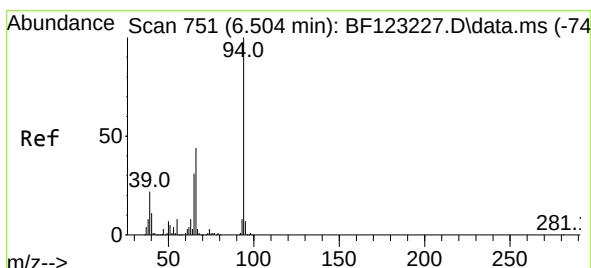
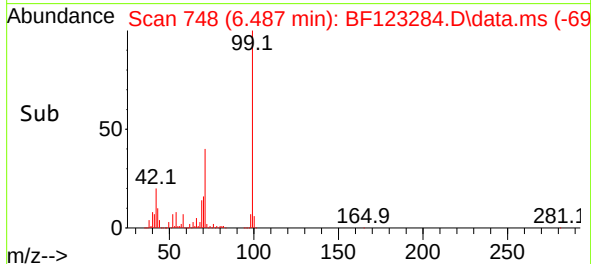
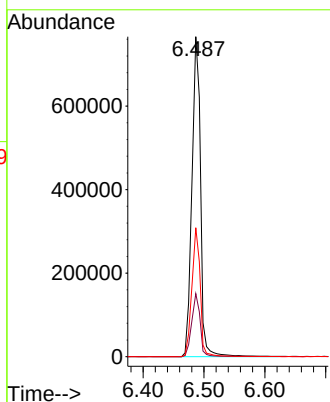
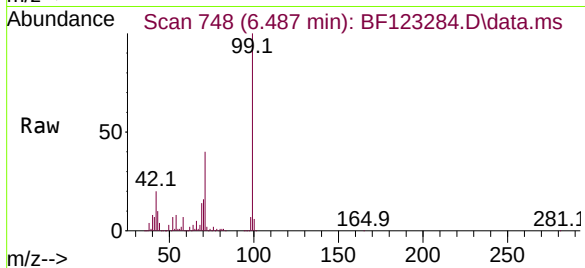




#7
Phenol-d6
Concen: 79.88 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

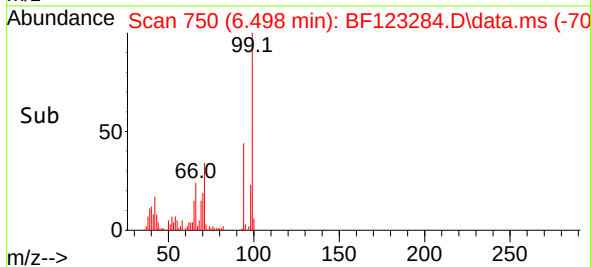
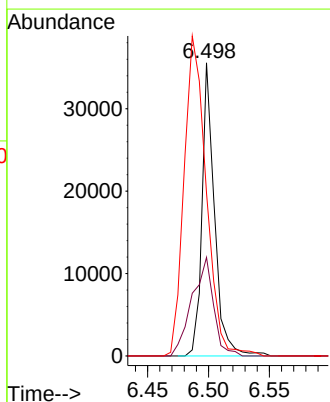
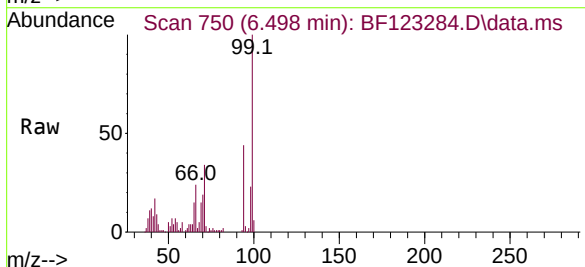
Instrument :
BNA_F
ClientSampleId :
TP-1

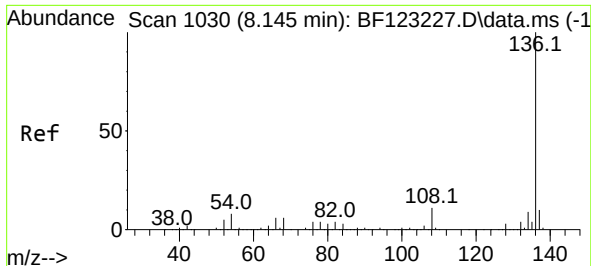
Tgt Ion: 99 Resp: 755667
Ion Ratio Lower Upper
99 100
42 19.7 13.8 20.6
71 40.3 26.9 40.3



#10
Phenol
Concen: 2.46 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

Tgt Ion: 94 Resp: 25399
Ion Ratio Lower Upper
94 100
65 33.6 11.2 51.2
66 55.6 25.8 65.8

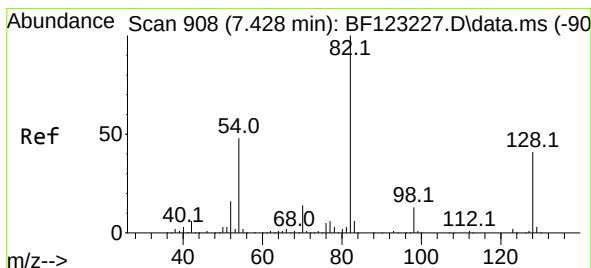
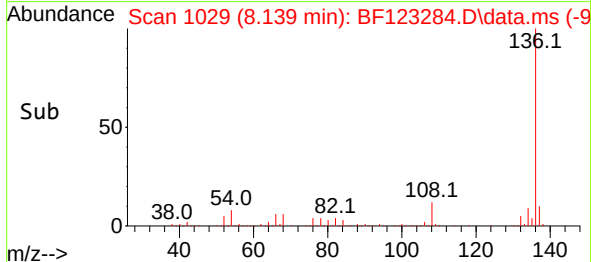
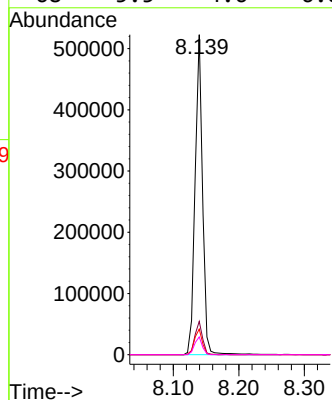
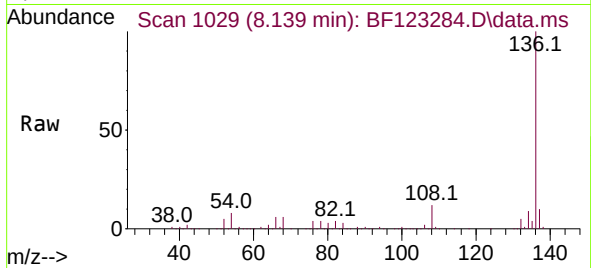




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

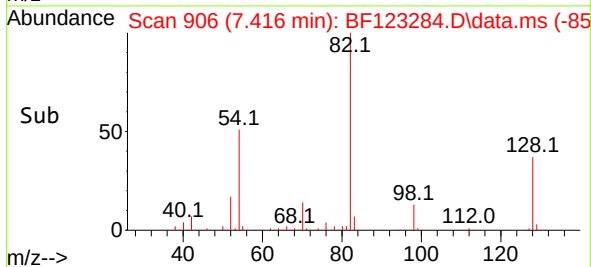
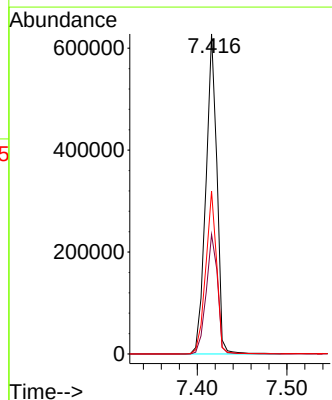
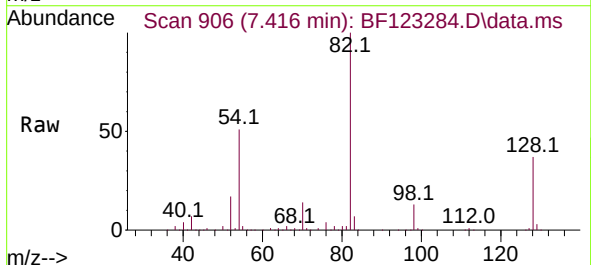
Instrument :
BNA_F
ClientSampled :
TP-1

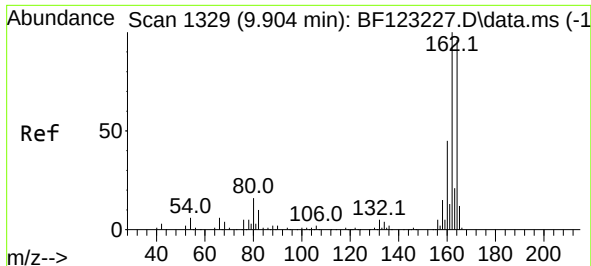
Tgt	Ion:136	Resp:	414063
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	8.0	5.5	8.3
68	5.5	4.6	6.8



#23
Nitrobenzene-d5
Concen: 59.34 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

Tgt Ion: 82	Resp: 536748
Ion Ratio	Lower Upper
82 100	
128 37.3	37.0 55.4
54 50.9	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: BF123284.D

Acq: 23 Feb 2021 16:57

Tgt Ion:164 Resp: 211384

Ion Ratio Lower Upper

164 100

162 105.0 80.8 121.2

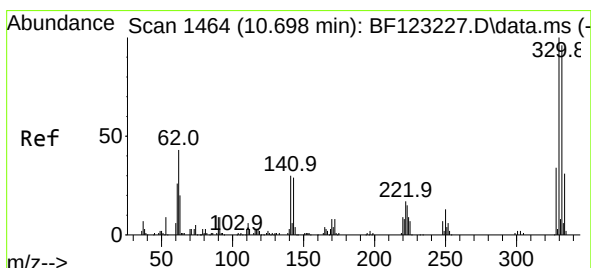
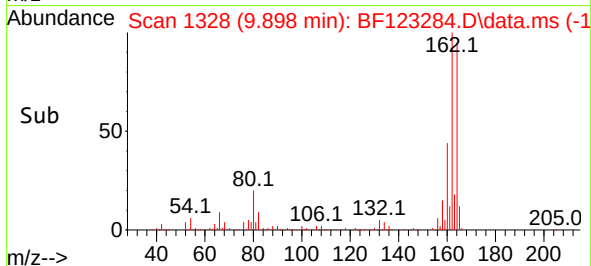
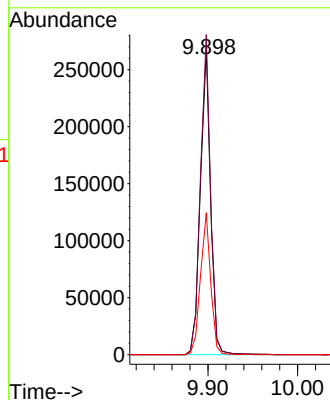
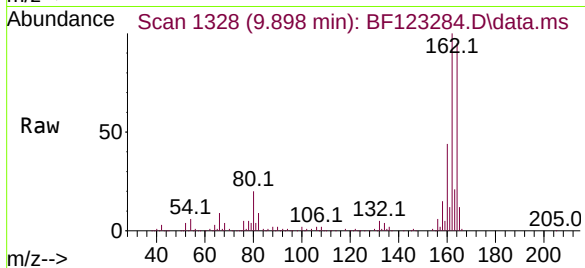
160 46.5 35.4 53.0

Instrument :

BNA_F

ClientSampleId :

TP-1



#42

2,4,6-Tribromophenol

Concen: 119.20 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF123284.D

Acq: 23 Feb 2021 16:57

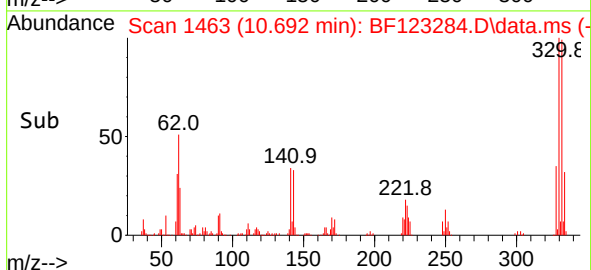
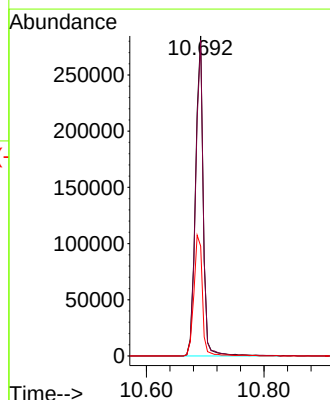
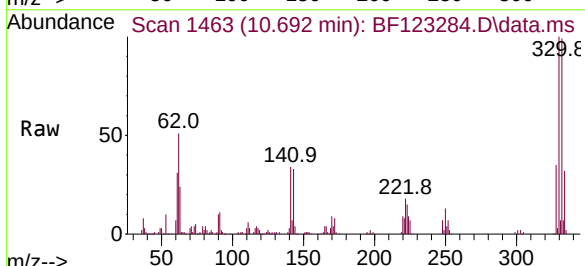
Tgt Ion:330 Resp: 256575

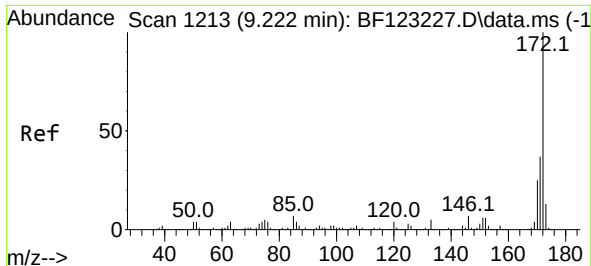
Ion Ratio Lower Upper

330 100

332 97.3 77.5 116.3

141 41.7 23.8 35.8#

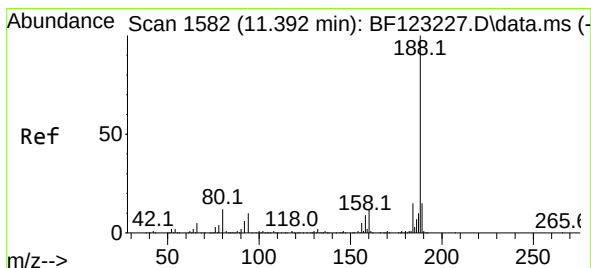
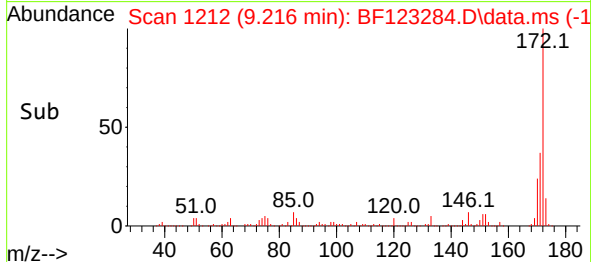
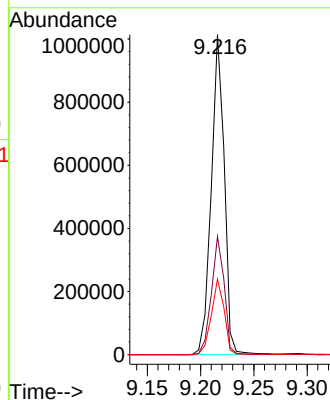
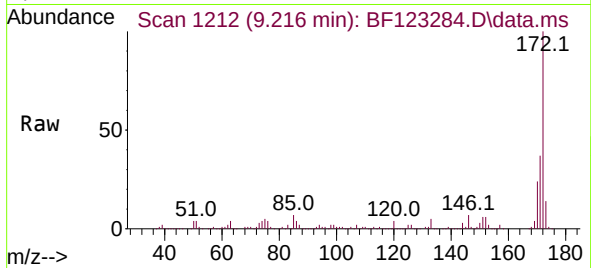




#45
2-Fluorobiphenyl
Concen: 58.64 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

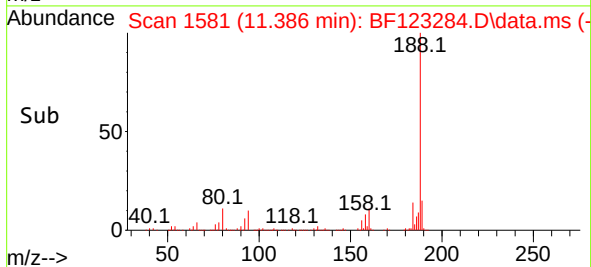
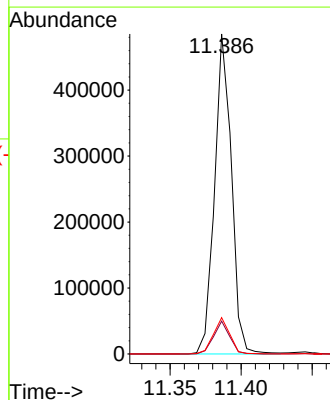
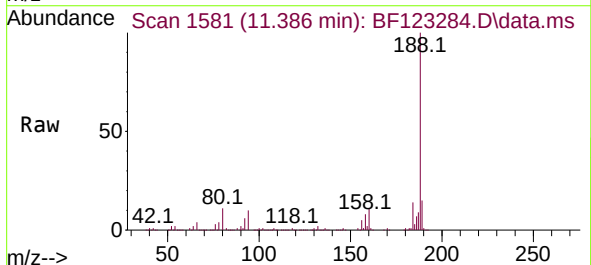
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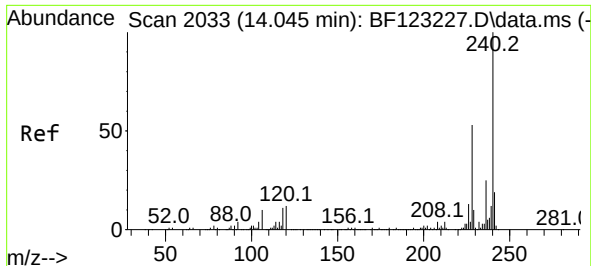
Tgt Ion:172 Resp: 862939
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 23.6 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

Tgt Ion:188 Resp: 400875
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 11.3 8.2 12.4

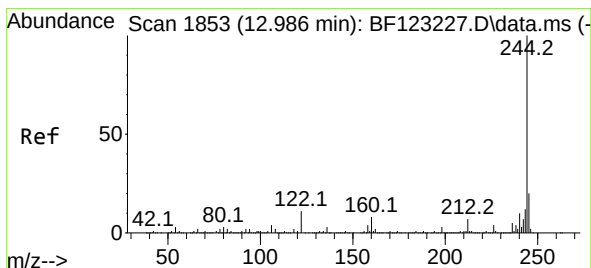
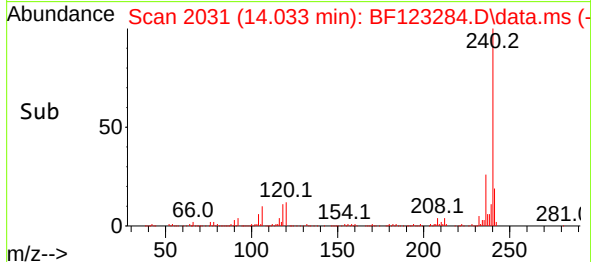
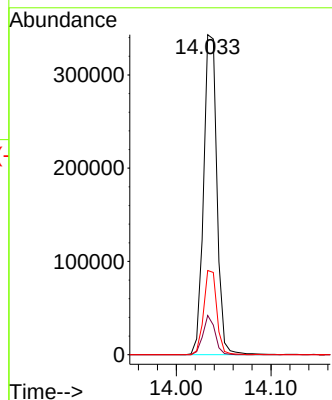
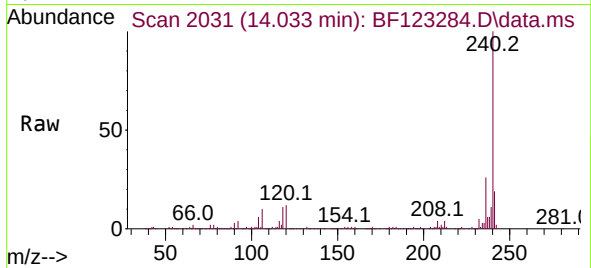




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

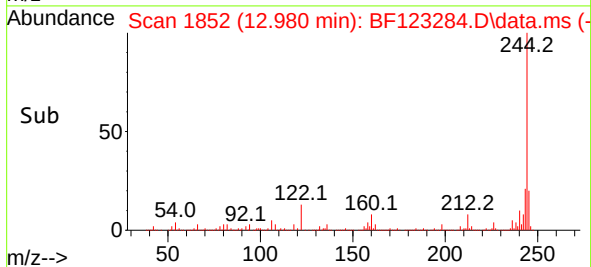
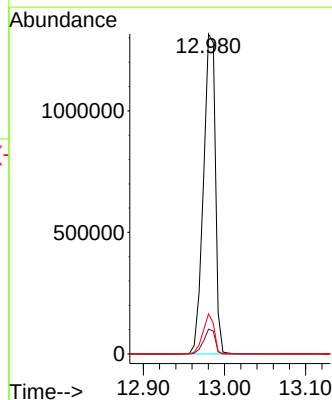
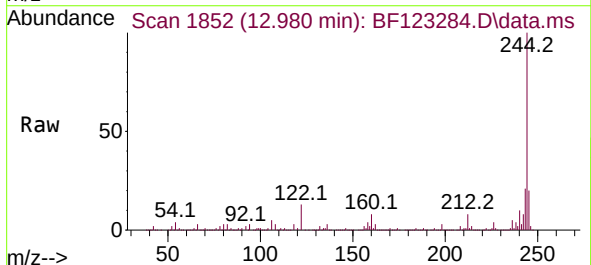
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BNA_F
ClientSampleId :
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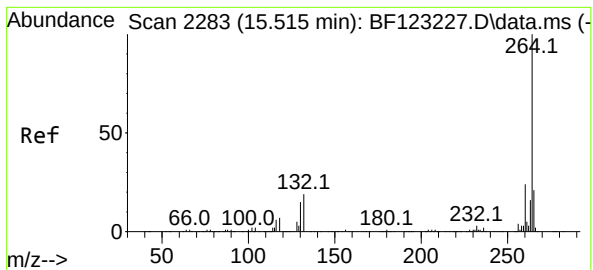
Tgt Ion:240 Resp: 334570
Ion Ratio Lower Upper
240 100
120 12.2 8.6 12.8
236 26.3 20.3 30.5



#79
Terphenyl-d14
Concen: 77.36 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

Tgt Ion:244 Resp: 1345997
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 12.6 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: BF123284.D
 Acq: 23 Feb 2021 16:57

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:	264	Resp:	265865
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	21.9	17.0	25.6

