

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
 Data File : BF123801.D
 Acq On : 4 May 2021 3:01
 Operator : JU/CG
 Sample : M2238-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-043021

Quant Time: May 04 03:36:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 27 16:30:39 2021
 Response via : Initial Calibration

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

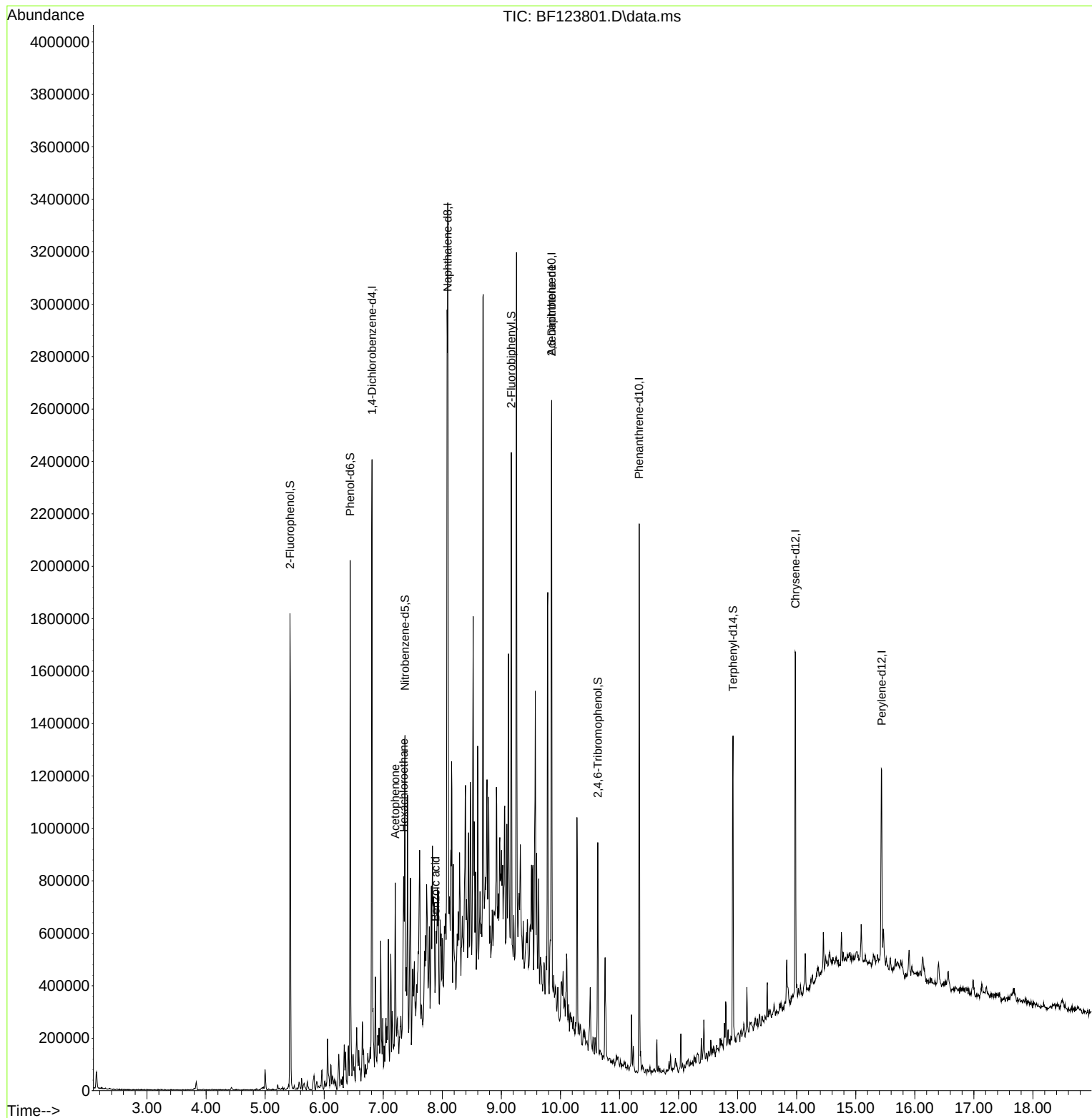
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	303181	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	1045288	20.00	ng	# 0.00
39) Acenaphthene-d10	9.851	164	432879	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	685451	20.00	ng	0.00
76) Chrysene-d12	13.980	240	499002	20.00	ng	0.00
86) Perylene-d12	15.439	264	355991	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	398735	20.84	ng	0.00
7) Phenol-d6	6.440	99	507101	19.24	ng	0.00
23) Nitrobenzene-d5	7.369	82	332558	14.36	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	84068	15.60	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	488911	16.45	ng	0.00
79) Terphenyl-d14	12.922	244	363445	14.03	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.345	117	19304	2.32	ng	# 1
22) Acetophenone	7.204	105	70317	2.47	ng	# 52
32) Benzoic acid	7.887	122	3021	5.64	ng	# 11
51) 2,6-Dinitrotoluene	9.851	165	64583	9.16	ng	# 13

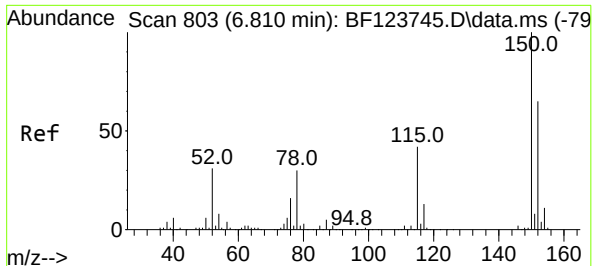
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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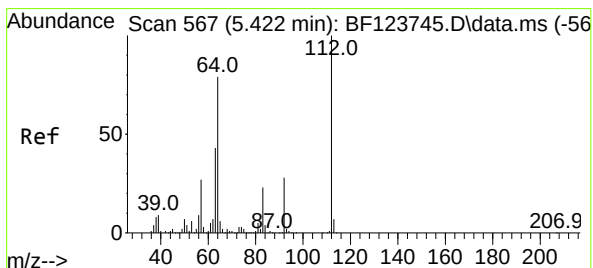
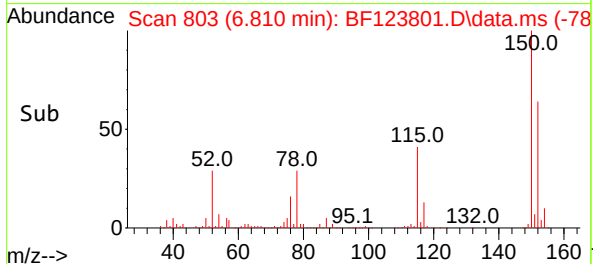
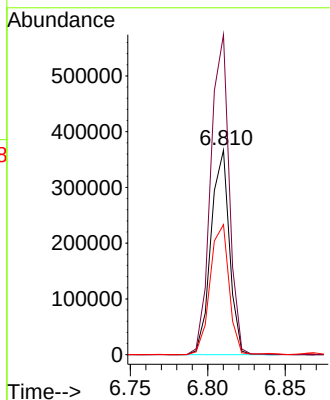
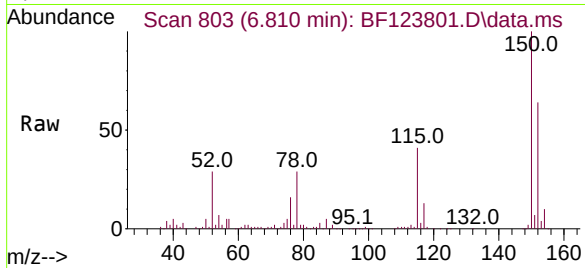




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF123801.D
Acq: 4 May 2021 3:01

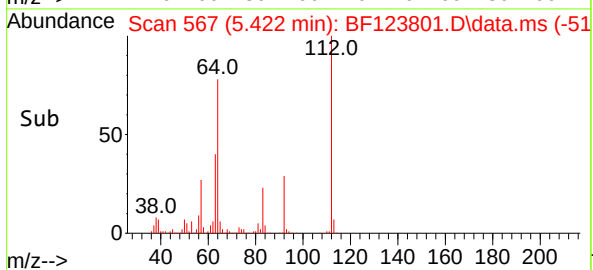
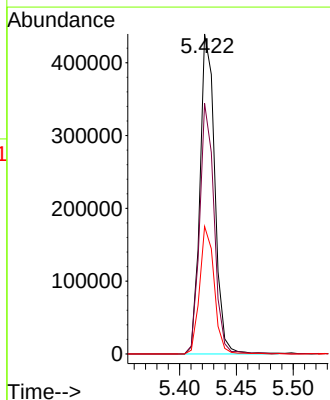
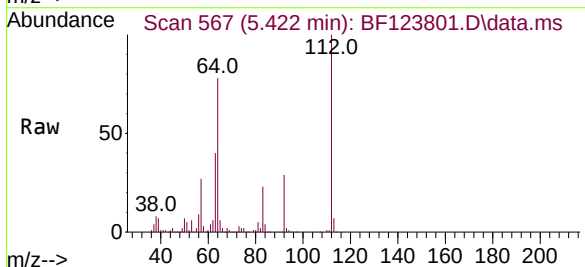
Instrument :
BNA_F
ClientSampleId :
HR-02-043021

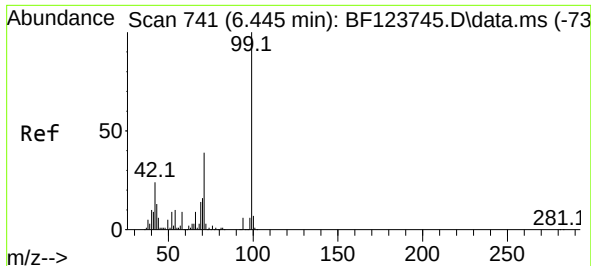
Tgt Ion:152 Resp: 303181
Ion Ratio Lower Upper
152 100
150 156.5 127.0 190.6
115 63.6 54.3 81.5



#5
2-Fluorophenol
Concen: 20.84 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF123801.D
Acq: 4 May 2021 3:01

Tgt Ion:112 Resp: 398735
Ion Ratio Lower Upper
112 100
64 78.3 61.4 92.0
63 39.9 33.0 49.4

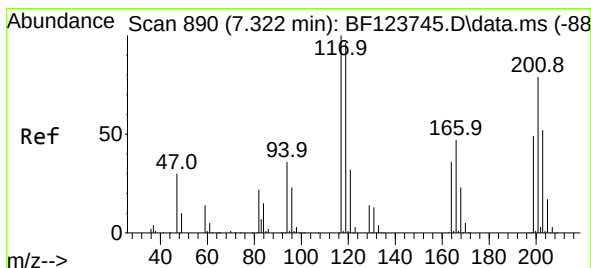
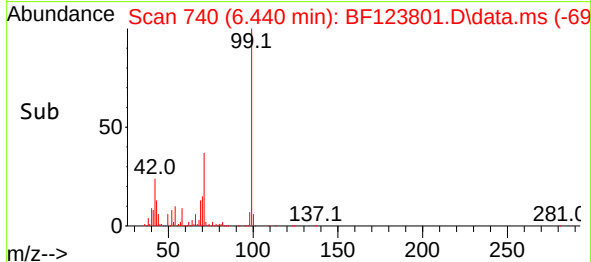
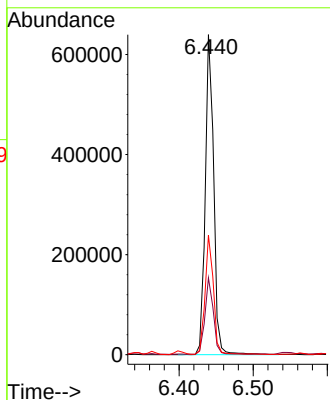
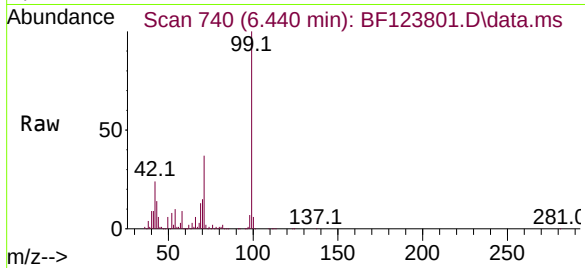




#7
Phenol-d6
Concen: 19.24 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF123801.D
Acq: 4 May 2021 3:01

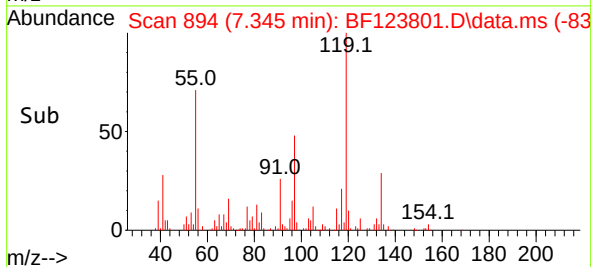
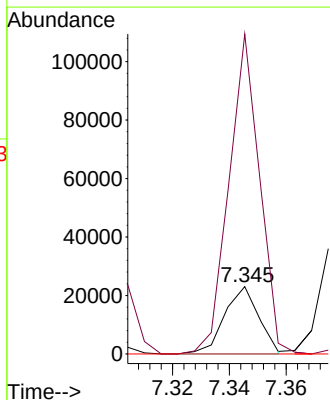
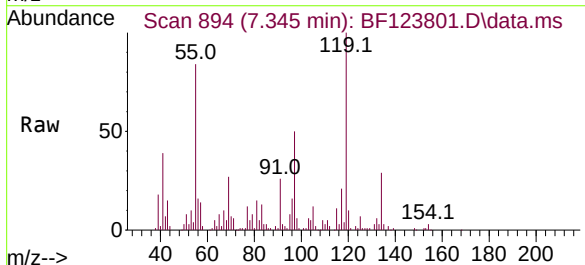
Instrument :
BNA_F
ClientSampleId :
HR-02-043021

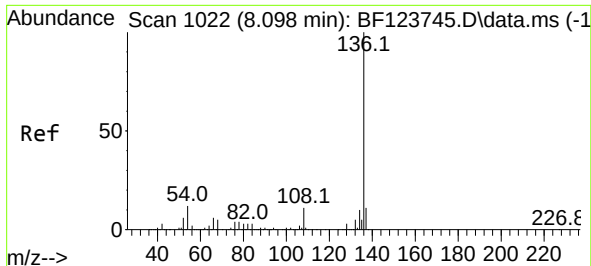
Tgt Ion: 99 Resp: 507101
Ion Ratio Lower Upper
99 100
42 24.0 19.8 29.8
71 37.4 31.1 46.7



#18
Hexachloroethane
Concen: 2.32 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.023 min
Lab File: BF123801.D
Acq: 4 May 2021 3:01

Tgt Ion: 117 Resp: 19304
Ion Ratio Lower Upper
117 100
119 475.1 77.8 116.8#
201 0.0 67.8 101.8#

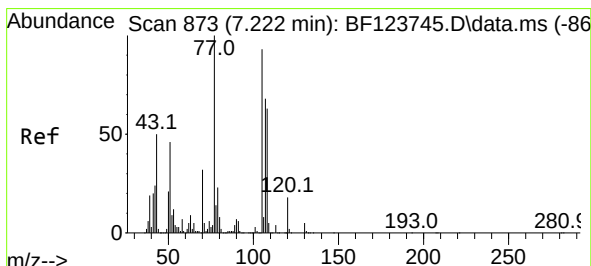
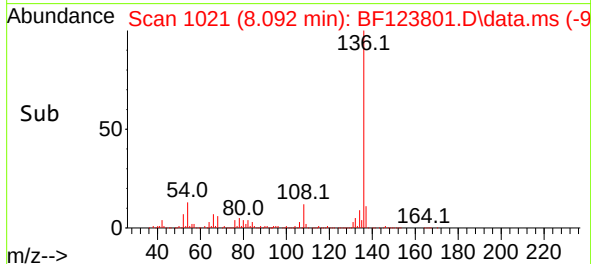
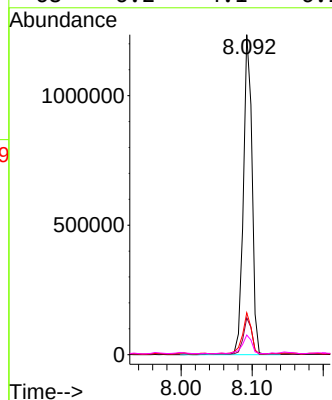
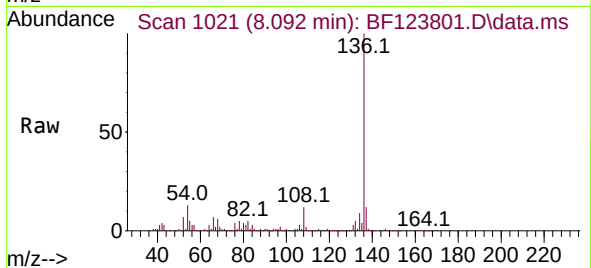




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123801.D
Acq: 4 May 2021 3:01

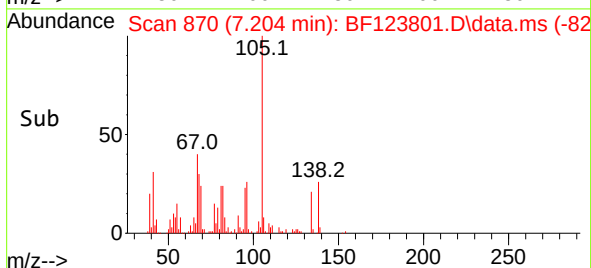
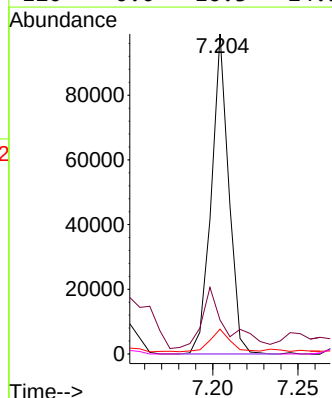
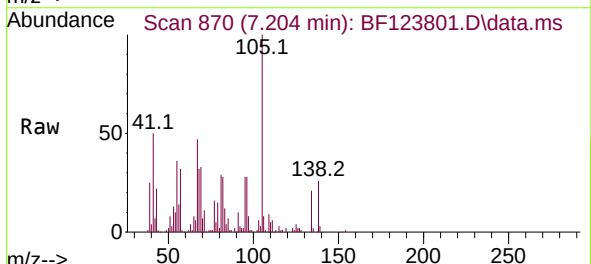
Instrument :
BNA_F
ClientSampleId :
HR-02-043021

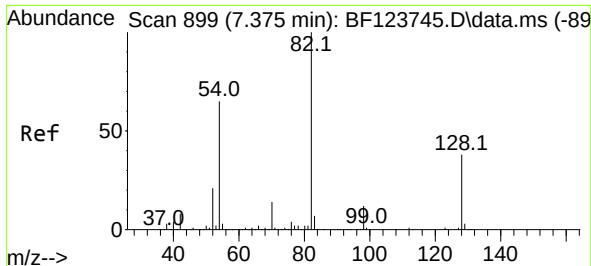
Tgt Ion:136 Resp: 1045288
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 13.1 9.8 14.6
68 6.2 4.1 6.1#



#22
Acetophenone
Concen: 2.47 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.018 min
Lab File: BF123801.D
Acq: 4 May 2021 3:01

Tgt Ion:105 Resp: 70317
Ion Ratio Lower Upper
105 100
71 10.6 4.2 6.4#
51 7.7 33.6 50.4#
120 0.0 16.3 24.5#





#23

Nitrobenzene-d5

Concen: 14.36 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF123801.D

Acq: 4 May 2021 3:01

Tgt Ion: 82 Resp: 332558

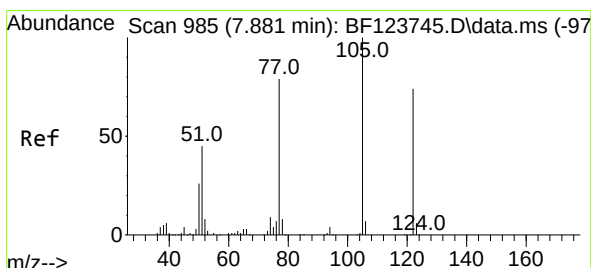
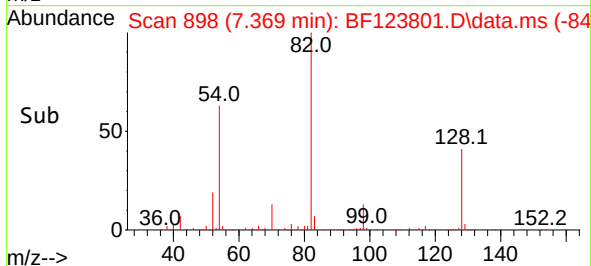
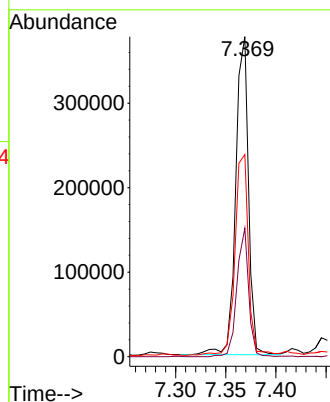
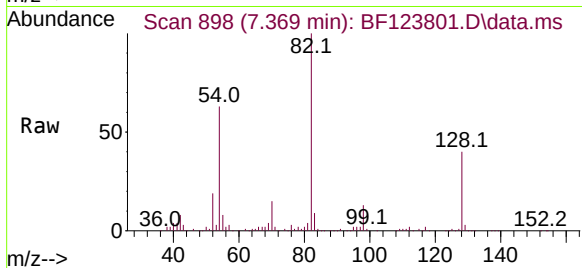
Ion	Ratio	Lower	Upper
82	100		
128	40.2	29.4	44.2
54	63.2	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

HR-02-043021



#32

Benzoic acid

Concen: 5.64 ng

RT: 7.887 min Scan# 986

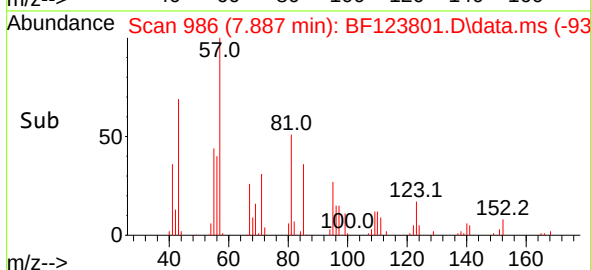
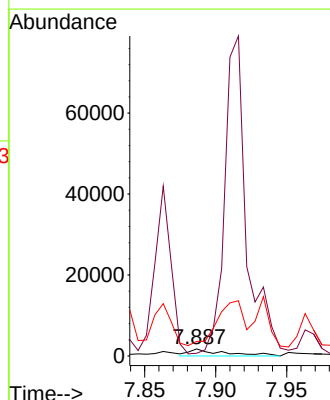
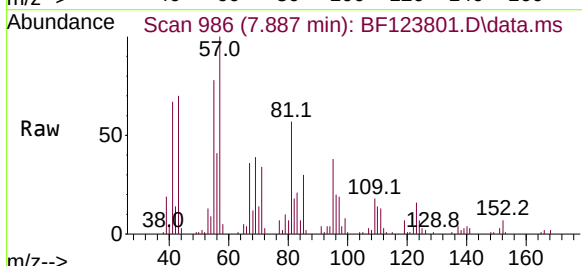
Delta R.T. 0.006 min

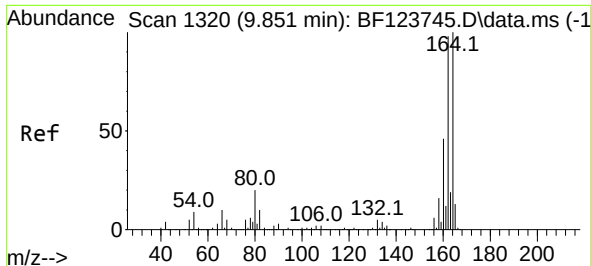
Lab File: BF123801.D

Acq: 4 May 2021 3:01

Tgt Ion: 122 Resp: 3021

Ion	Ratio	Lower	Upper
122	100		
105	37.8	107.8	147.8#
77	206.3	81.6	121.6#

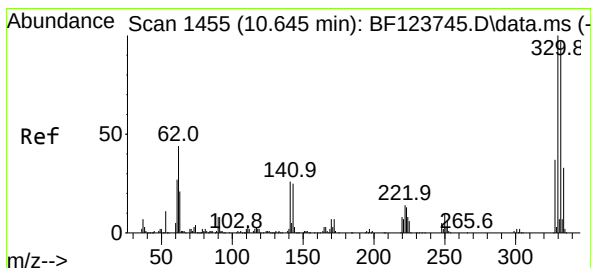
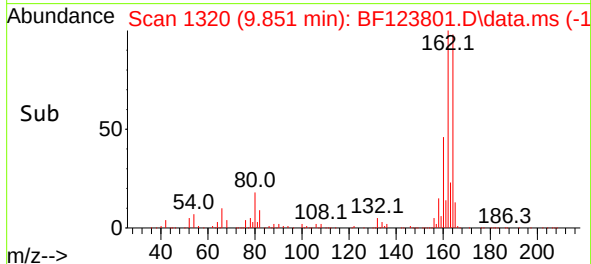
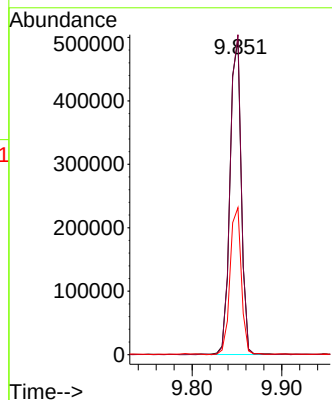
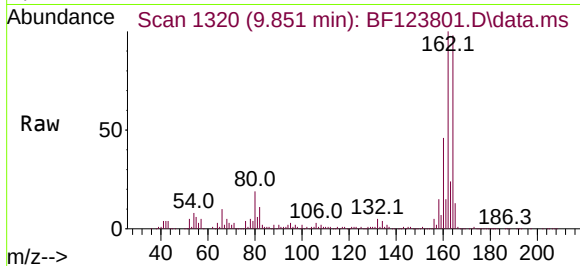




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF123801.D
Acq: 4 May 2021 3:01

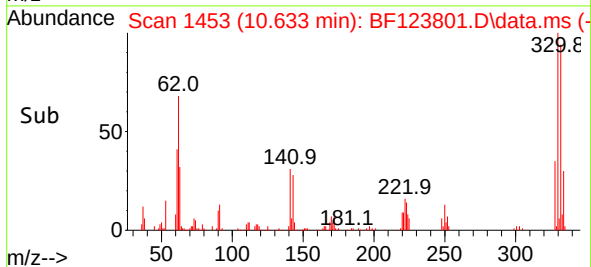
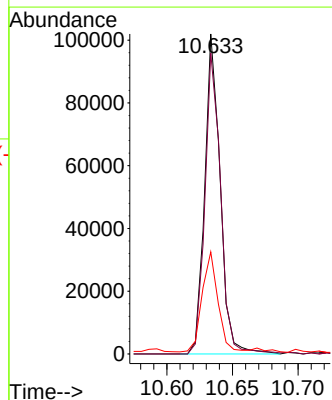
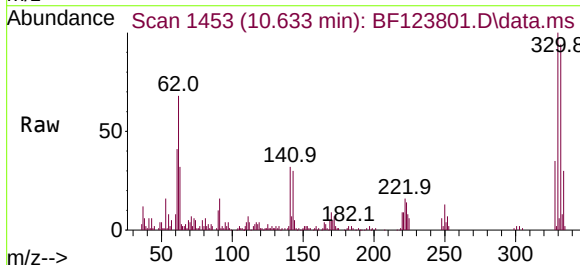
Instrument :
BNA_F
ClientSampleId :
HR-02-043021

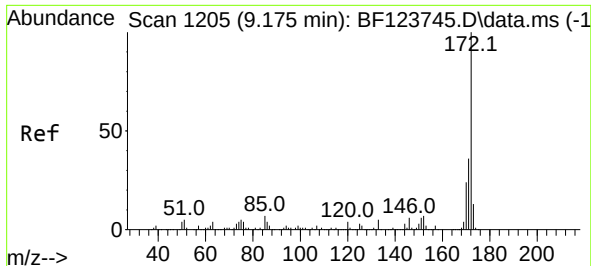
Tgt Ion:164 Resp: 432879
Ion Ratio Lower Upper
164 100
162 101.7 80.7 121.1
160 46.7 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 15.60 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF123801.D
Acq: 4 May 2021 3:01

Tgt Ion:330 Resp: 84068
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 31.7 27.9 41.9

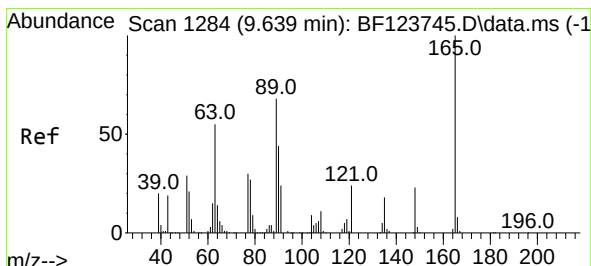
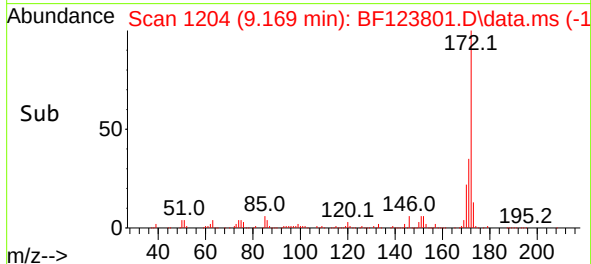
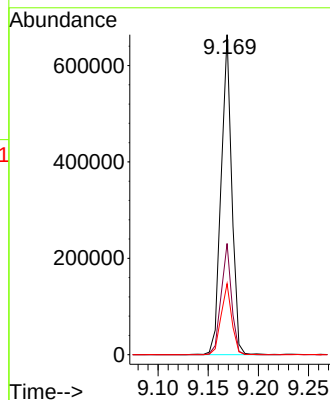
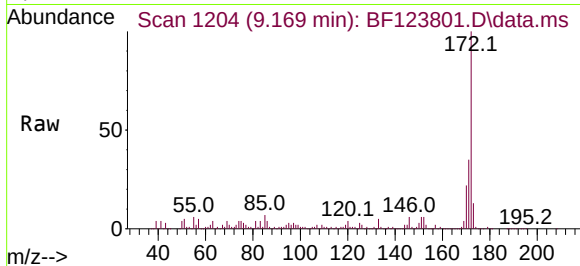




#45
2-Fluorobiphenyl
Concen: 16.45 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF123801.D
Acq: 4 May 2021 3:01

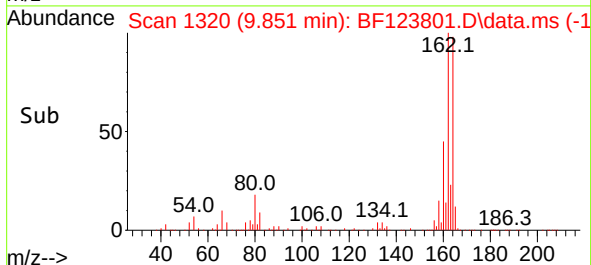
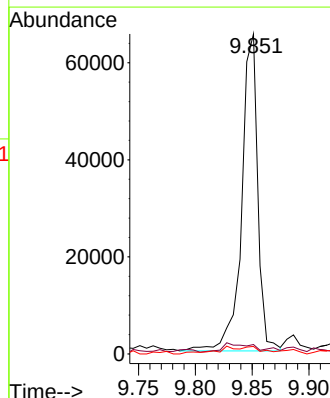
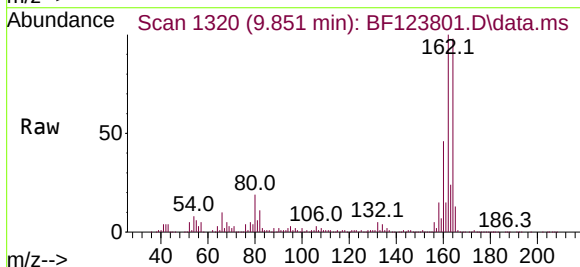
Instrument :
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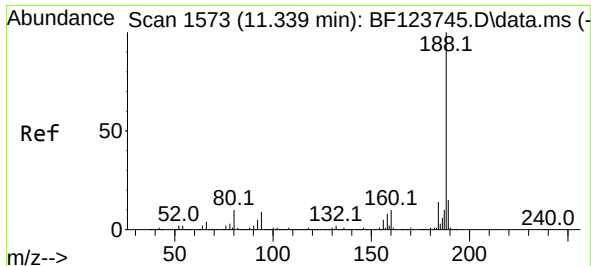
Tgt Ion:172 Resp: 488911
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 22.2 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 9.16 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF123801.D
Acq: 4 May 2021 3:01

Tgt Ion:165 Resp: 64583
Ion Ratio Lower Upper
165 100
63 3.0 67.7 101.5#
89 2.3 58.8 88.2#

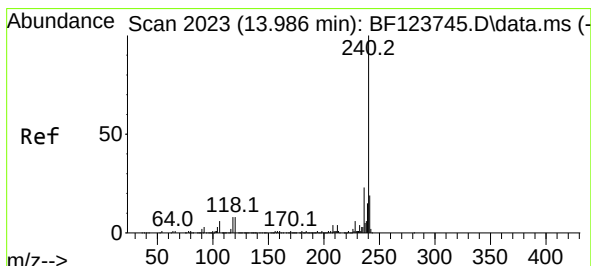
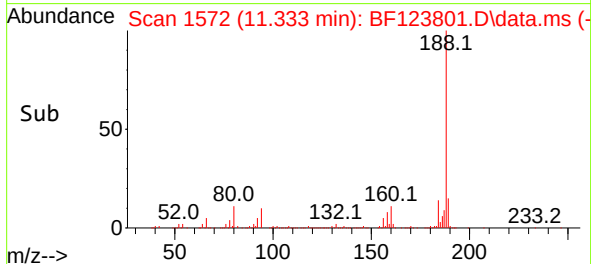
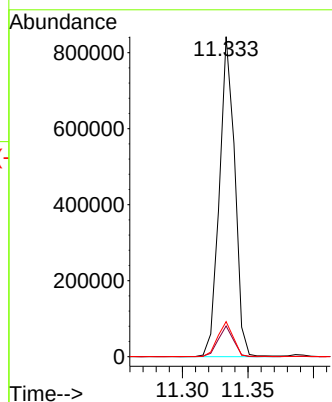
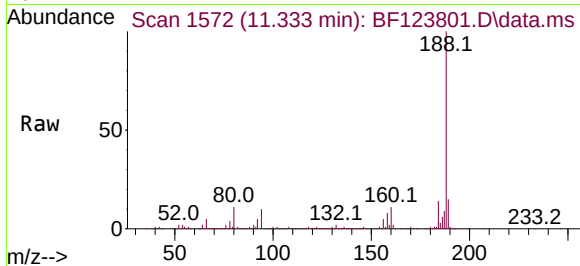




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123801.D
Acq: 4 May 2021 3:01

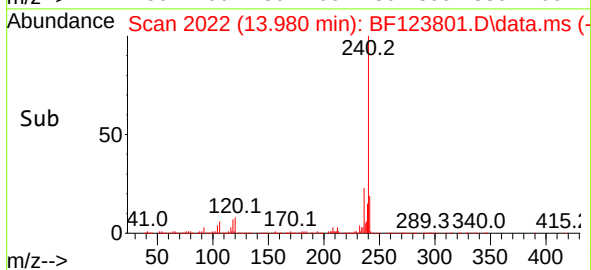
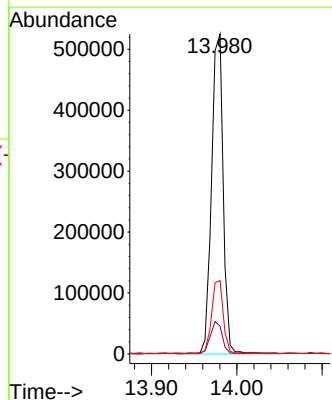
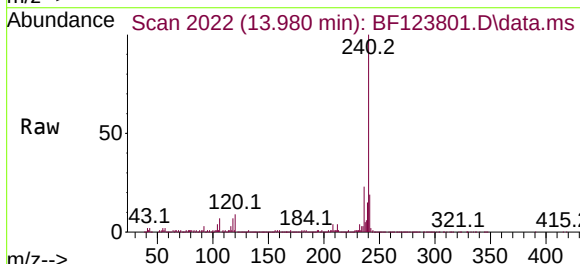
Instrument :
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HR-02-043021

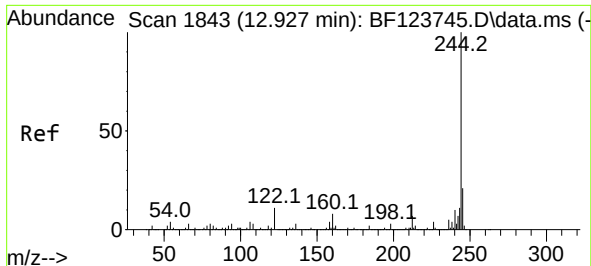
Tgt Ion:188 Resp: 685451
Ion Ratio Lower Upper
188 100
94 9.6 6.9 10.3
80 11.0 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF123801.D
Acq: 4 May 2021 3:01

Tgt Ion:240 Resp: 499002
Ion Ratio Lower Upper
240 100
120 8.7 7.2 10.8
236 22.9 19.0 28.4

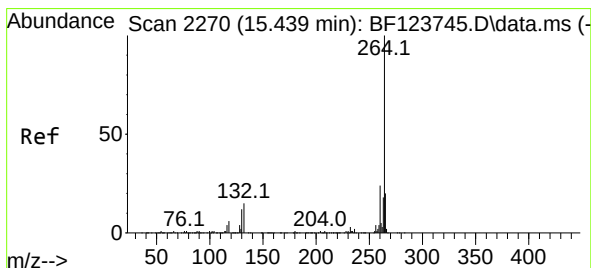
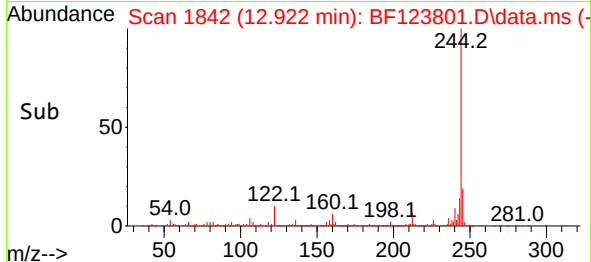
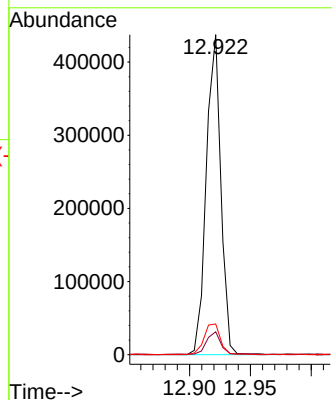
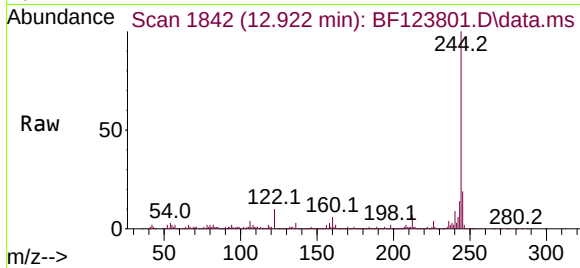




#79
Terphenyl-d14
Concen: 14.03 ng
RT: 12.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF123801.D
Acq: 4 May 2021 3:01

Instrument :
BNA_F
ClientSampleId :
HR-02-043021

Tgt Ion:244 Resp: 363445
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.6 9.7 14.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF123801.D
Acq: 4 May 2021 3:01

Tgt Ion:264 Resp: 355991
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.1 17.8 26.8

