

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
 Data File : BF123514.D
 Acq On : 30 Mar 2021 1:06
 Operator : JU/CG
 Sample : M1811-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 031621-BIN-2

Quant Time: Mar 30 03:21:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 12:51:59 2021
 Response via : Initial Calibration

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

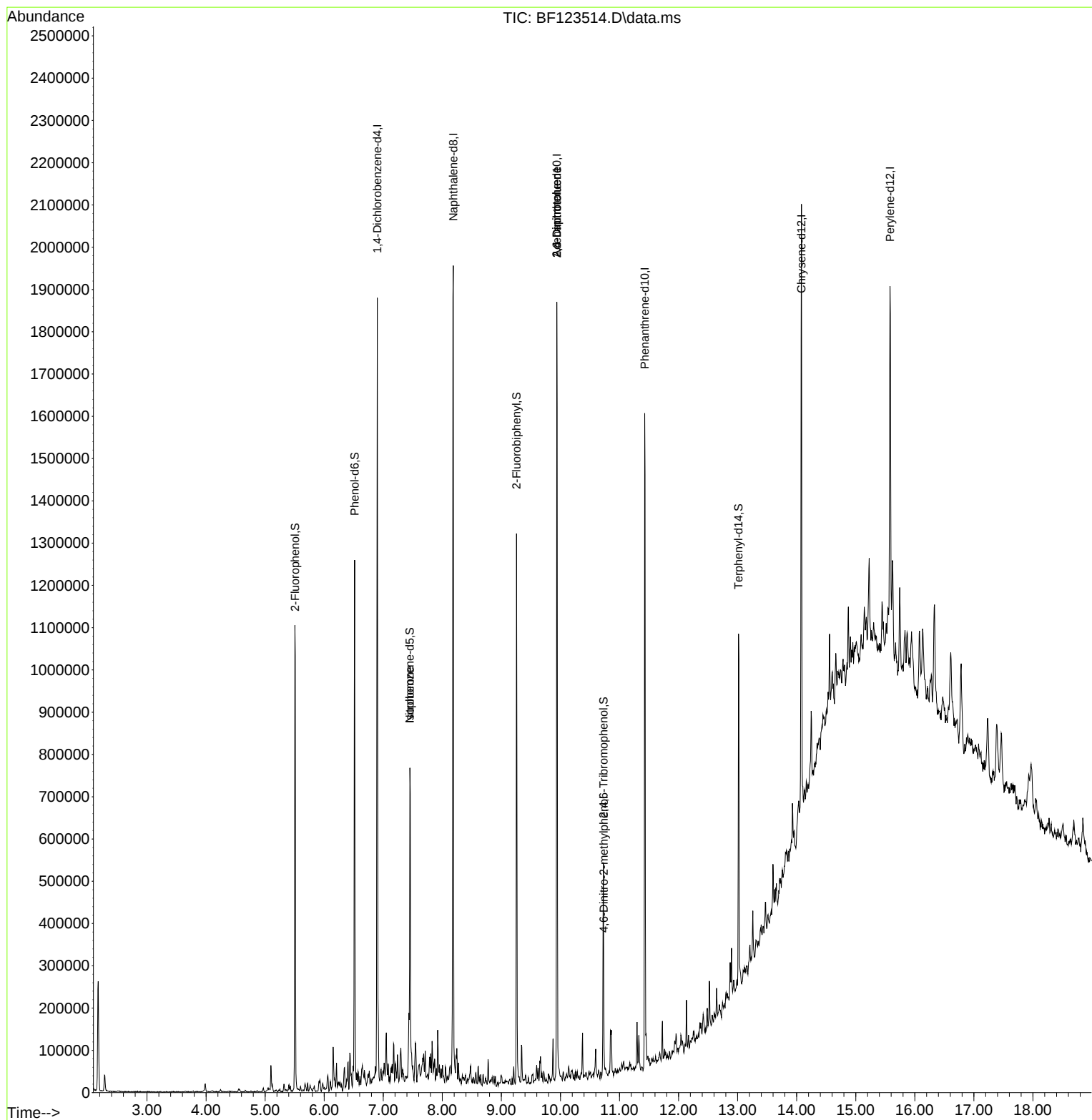
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	239576	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	809131	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	381158	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	566121	20.00	ng	0.00
76) Chrysene-d12	14.080	240	492997	20.00	ng	0.00
86) Perylene-d12	15.580	264	436405	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	271799	18.56	ng	0.00
7) Phenol-d6	6.516	99	329538	16.90	ng	-0.01
23) Nitrobenzene-d5	7.451	82	208239	13.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	61062	14.33	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	371001	13.91	ng	0.00
79) Terphenyl-d14	13.015	244	291227	10.01	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.439	77	797	Below Cal	#	1
25) Isophorone	7.451	82	204633	6.35	ng	# 65
51) 2,6-Dinitrotoluene	9.939	165	48988	8.66	ng	# 31
57) 2,4-Dinitrotoluene	9.939	165	48988	6.94	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.733	198	114	5.16	ng	# 1

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

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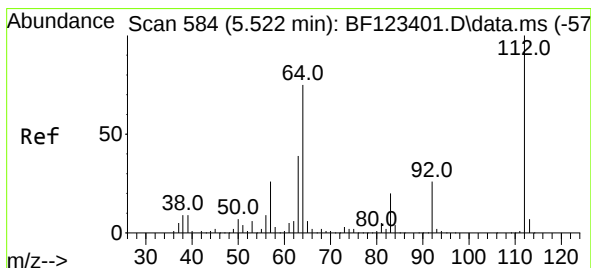
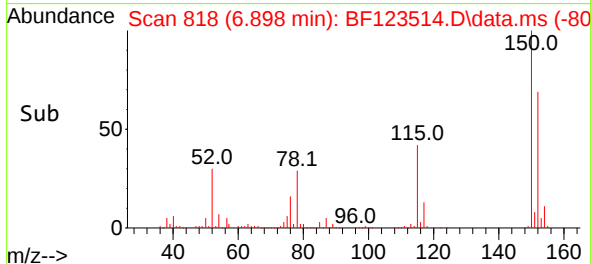
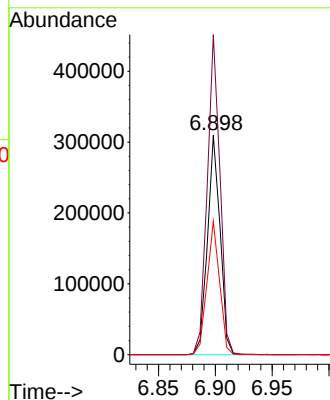
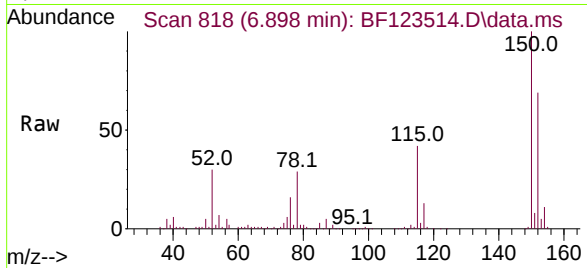




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123514.D
Acq: 30 Mar 2021 1:06

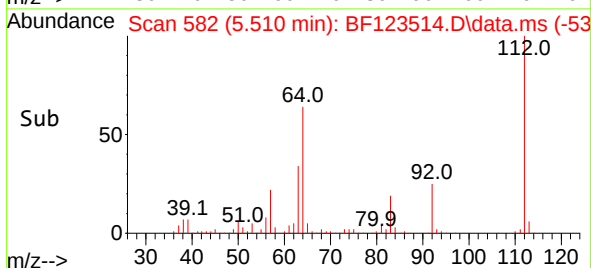
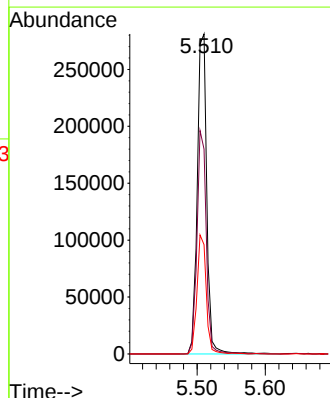
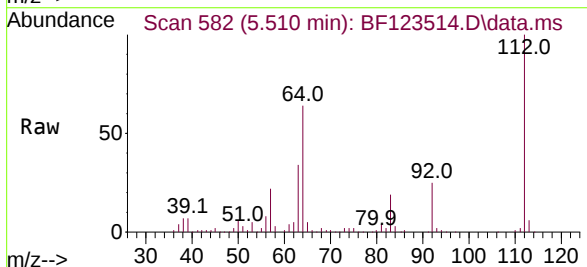
Instrument :
BNA_F
ClientSampleId :
031621-BIN-2

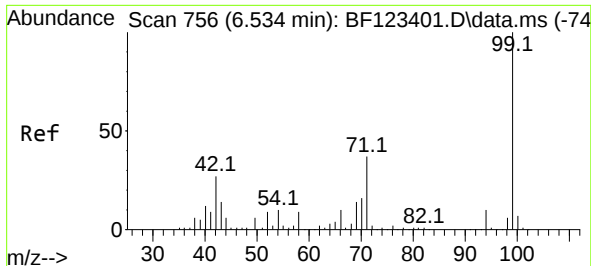
Tgt Ion:152 Resp: 239576
Ion Ratio Lower Upper
152 100
150 145.9 125.8 188.6
115 60.7 49.3 73.9



#5
2-Fluorophenol
Concen: 18.56 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.006 min
Lab File: BF123514.D
Acq: 30 Mar 2021 1:06

Tgt Ion:112 Resp: 271799
Ion Ratio Lower Upper
112 100
64 64.0 46.9 70.3
63 34.1 24.5 36.7

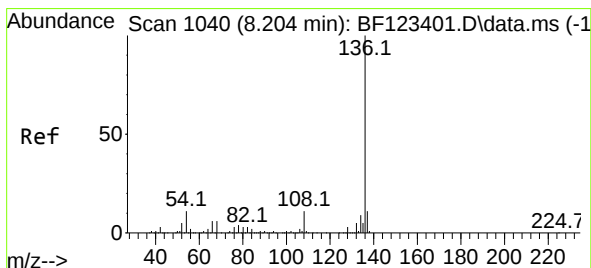
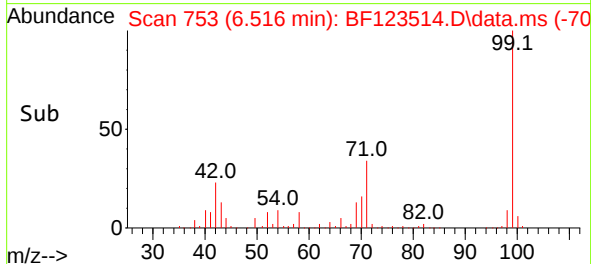
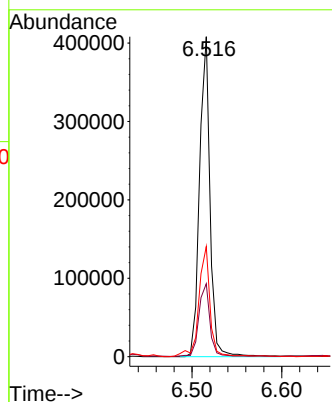
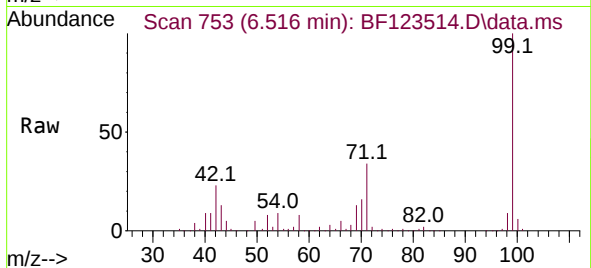




#7
Phenol-d6
Concen: 16.90 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF123514.D
Acq: 30 Mar 2021 1:06

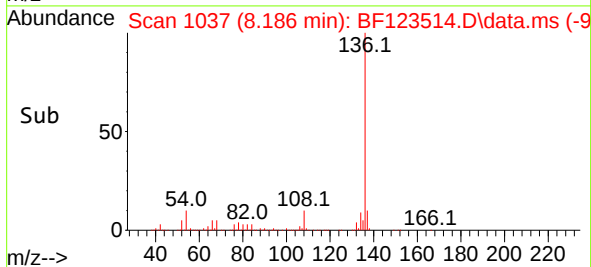
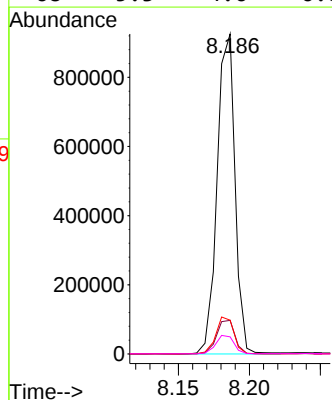
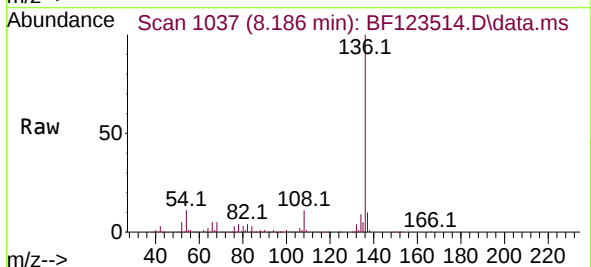
Instrument :
BNA_F
ClientSampleId :
031621-BIN-2

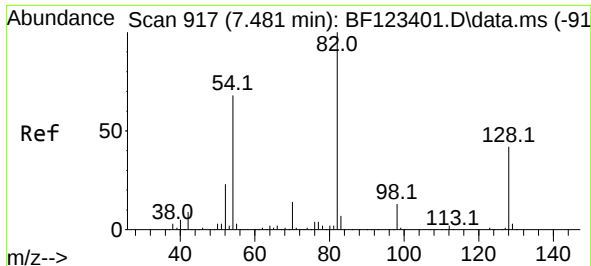
Tgt Ion: 99 Resp: 329538
Ion Ratio Lower Upper
99 100
42 22.8 13.8 20.6#
71 34.4 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123514.D
Acq: 30 Mar 2021 1:06

Tgt Ion: 136 Resp: 809131
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 10.5 5.5 8.3#
68 5.3 4.6 6.8

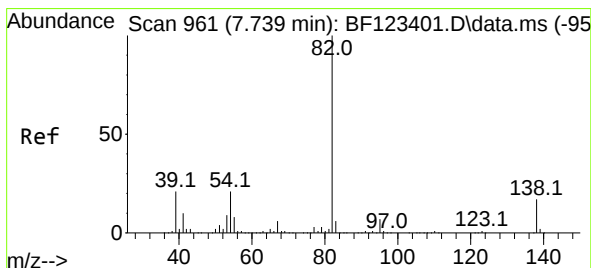
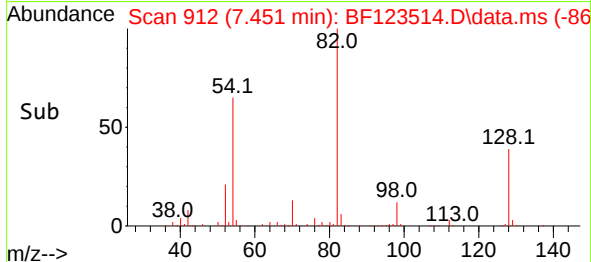
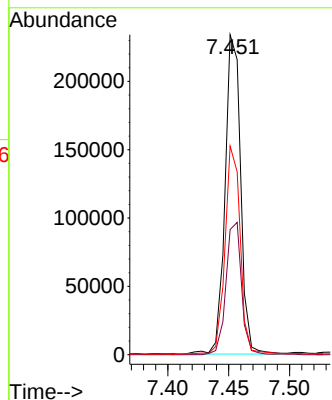
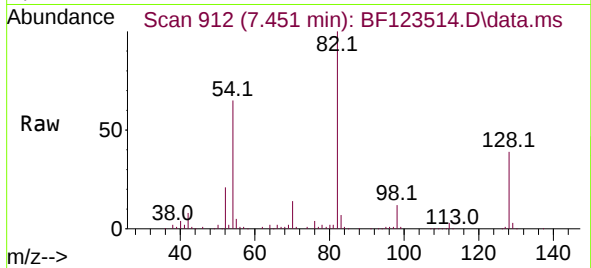




#23
Nitrobenzene-d5
Concen: 13.89 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123514.D
Acq: 30 Mar 2021 1:06

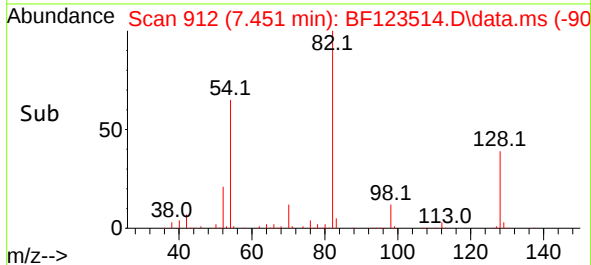
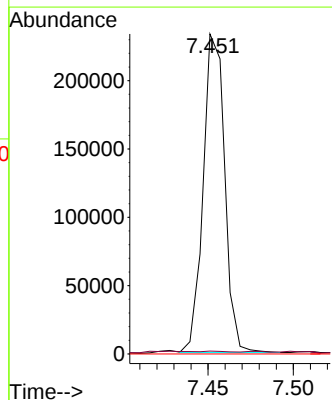
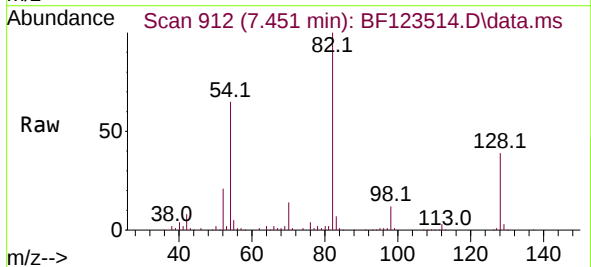
Instrument :
BNA_F
ClientSampleId :
031621-BIN-2

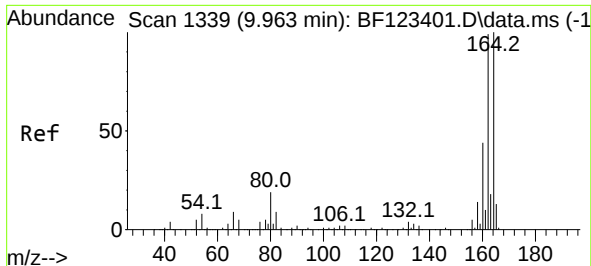
Tgt Ion: 82 Resp: 208239
Ion Ratio Lower Upper
82 100
128 39.1 37.0 55.4
54 65.2 38.4 57.6#



#25
Isophorone
Concen: 6.35 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.271 min
Lab File: BF123514.D
Acq: 30 Mar 2021 1:06

Tgt Ion: 82 Resp: 204633
Ion Ratio Lower Upper
82 100
95 0.9 5.8 8.6#
138 0.0 14.6 21.8#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.939 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF123514.D

Acq: 30 Mar 2021 1:06

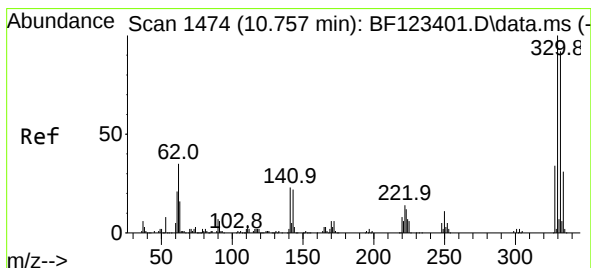
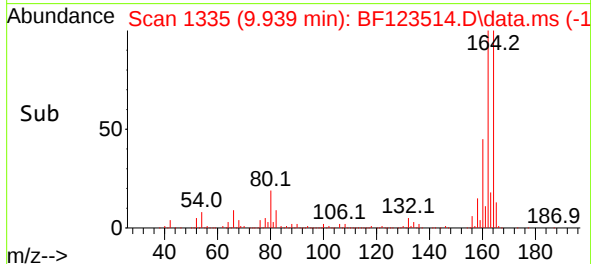
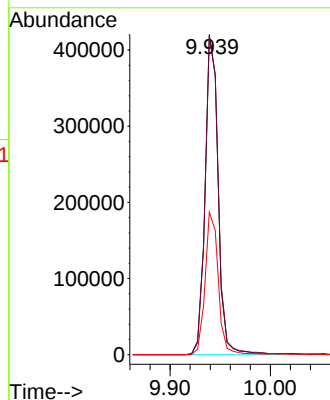
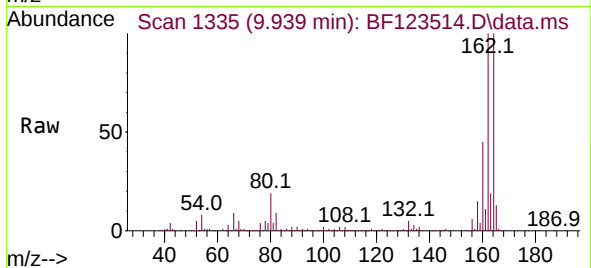
Tgt Ion:164 Resp: 381158

Ion Ratio Lower Upper

164 100

162 99.6 80.8 121.2

160 44.5 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 14.33 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.012 min

Lab File: BF123514.D

Acq: 30 Mar 2021 1:06

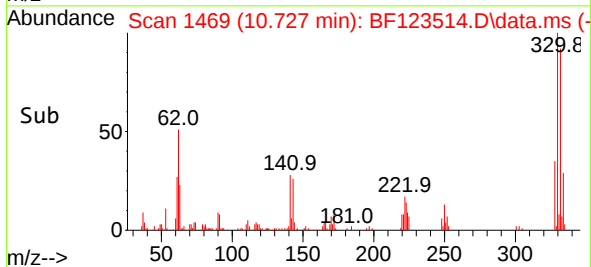
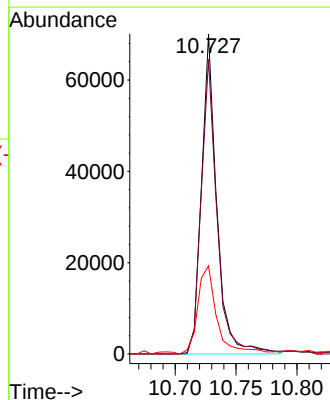
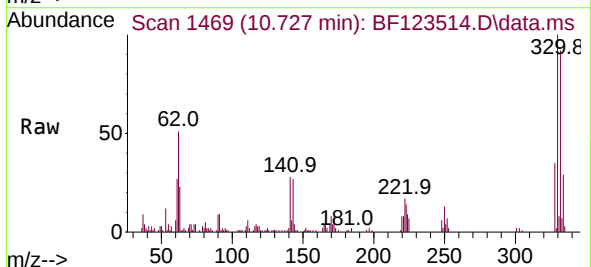
Tgt Ion:330 Resp: 61062

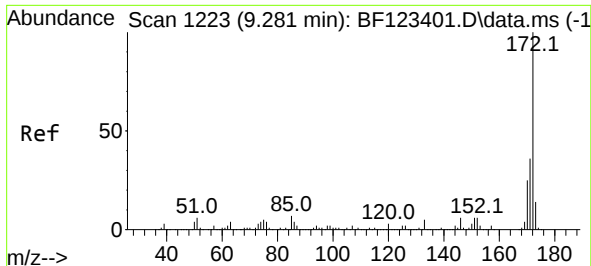
Ion Ratio Lower Upper

330 100

332 96.4 77.5 116.3

141 34.7 23.8 35.8

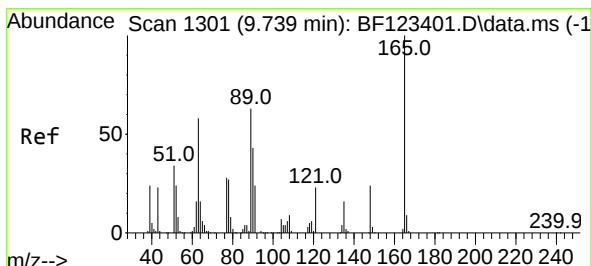
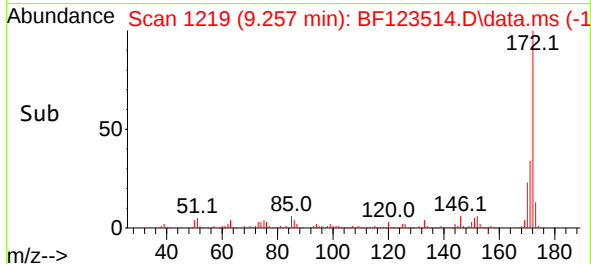
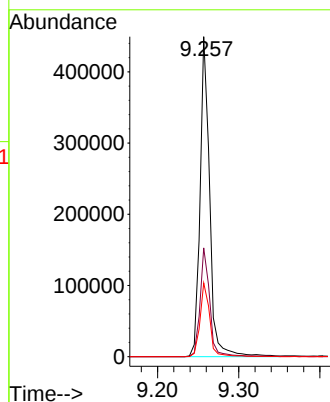
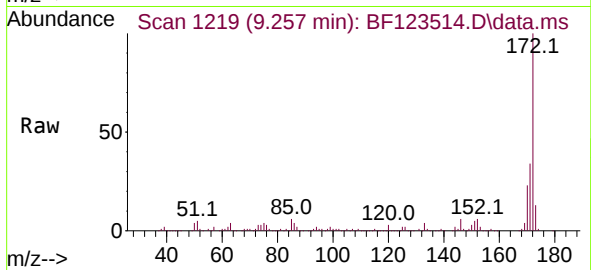




#45
2-Fluorobiphenyl
Concen: 13.91 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123514.D
Acq: 30 Mar 2021 1:06

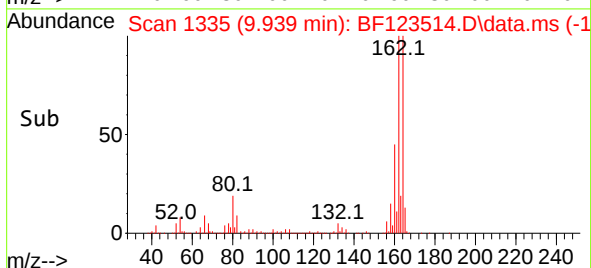
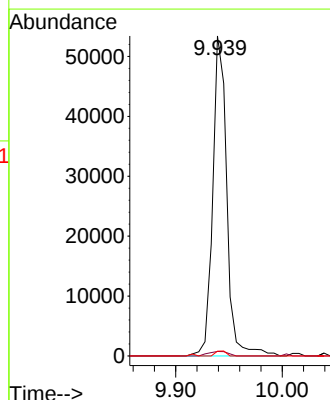
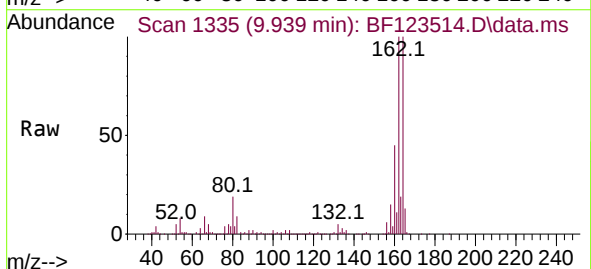
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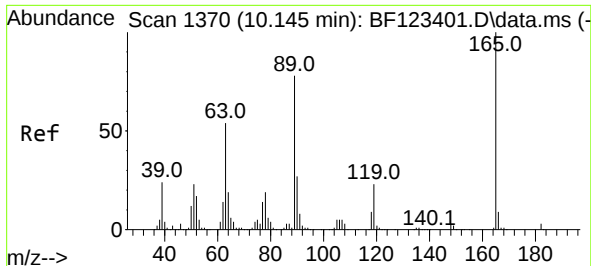
Tgt Ion:172 Resp: 371001
Ion Ratio Lower Upper
172 100
171 34.0 29.6 44.4
170 23.1 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 8.66 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.212 min
Lab File: BF123514.D
Acq: 30 Mar 2021 1:06

Tgt Ion:165 Resp: 48988
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.5 39.4 59.0#

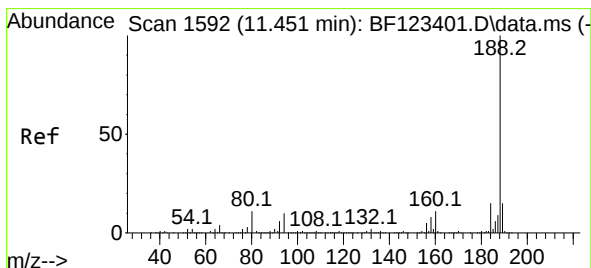
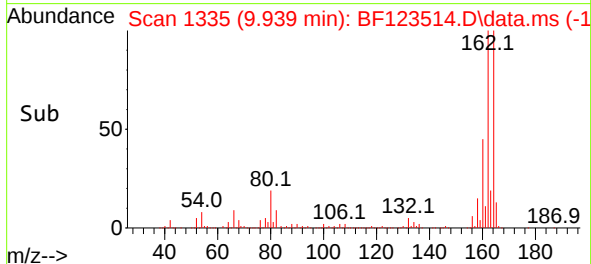
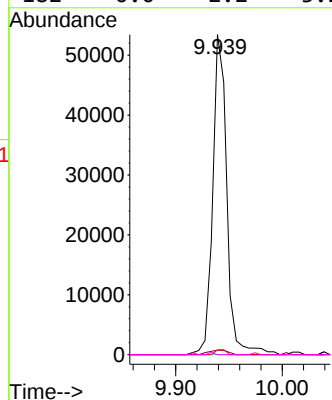
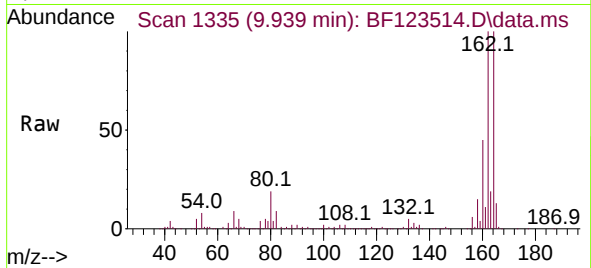




#57
2,4-Dinitrotoluene
Concen: 6.94 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF123514.D
Acq: 30 Mar 2021 1:06

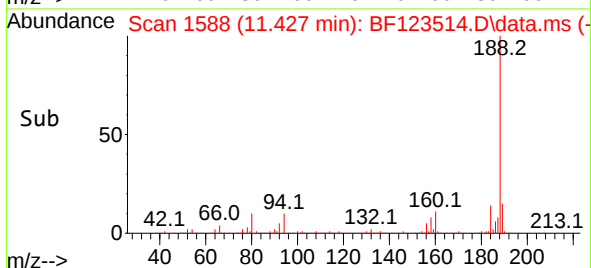
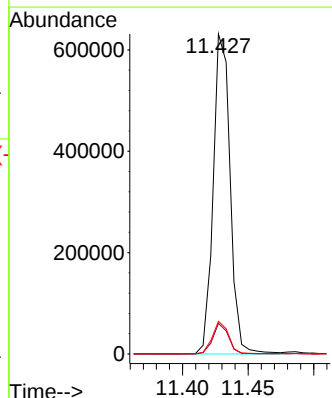
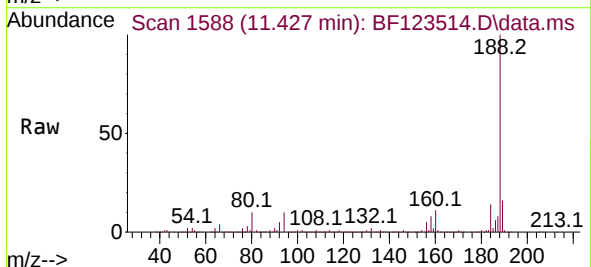
Instrument :
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031621-BIN-2

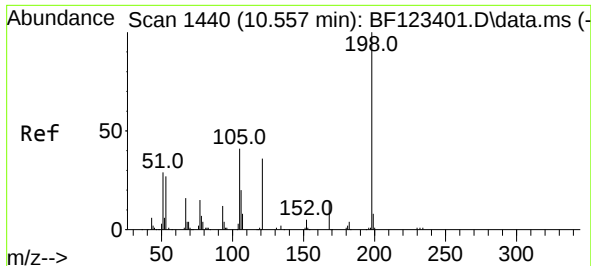
Tgt Ion:165	Resp:	48988
Ion Ratio	Lower	Upper
165	100	
63	1.4	34.3 51.5#
89	1.5	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123514.D
Acq: 30 Mar 2021 1:06

Tgt Ion:188	Resp:	566121
Ion Ratio	Lower	Upper
188	100	
94	9.5	7.4 11.2
80	10.2	8.2 12.4

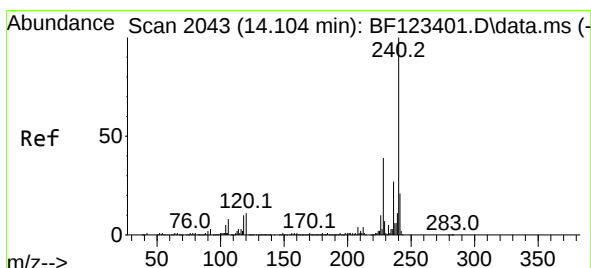
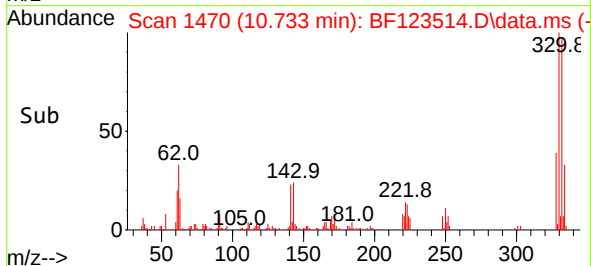
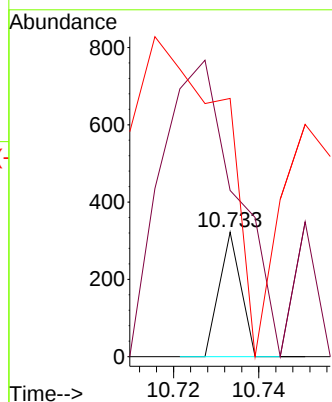
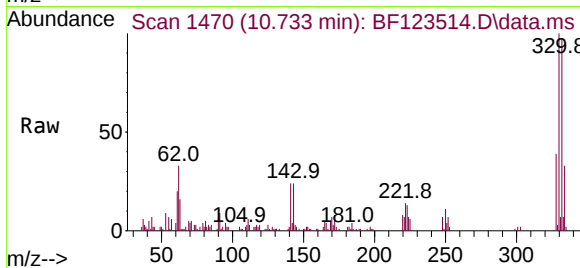




#65
4,6-Dinitro-2-methylphenol
Concen: 5.16 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.194 min
Lab File: BF123514.D
Acq: 30 Mar 2021 1:06

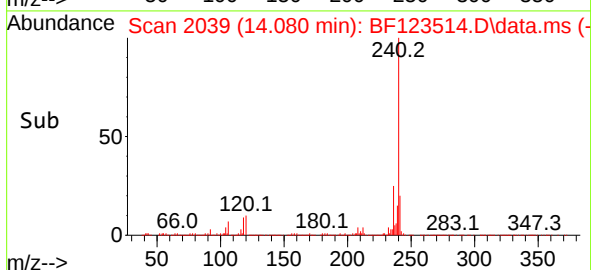
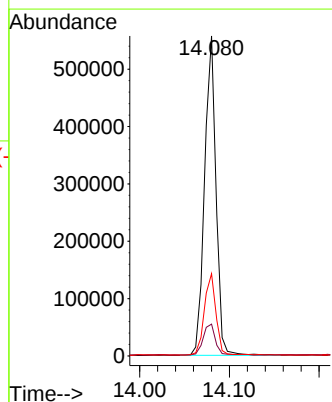
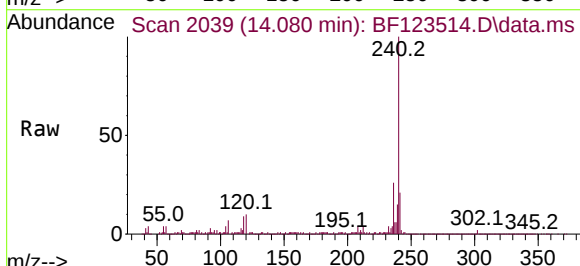
Instrument :
BNA_F
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031621-BIN-2

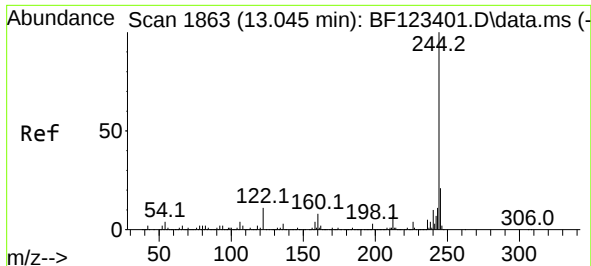
Tgt Ion:198 Resp: 114
Ion Ratio Lower Upper
198 100
51 133.5 20.3 60.3#
105 207.5 23.0 63.0#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123514.D
Acq: 30 Mar 2021 1:06

Tgt Ion:240 Resp: 492997
Ion Ratio Lower Upper
240 100
120 10.0 8.6 12.8
236 25.7 20.3 30.5

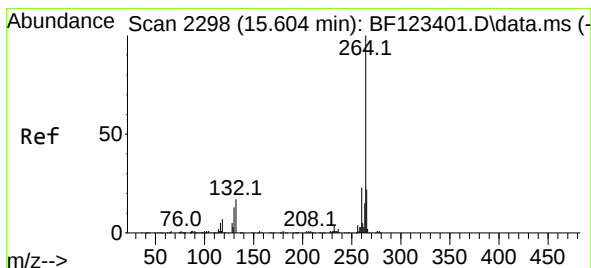
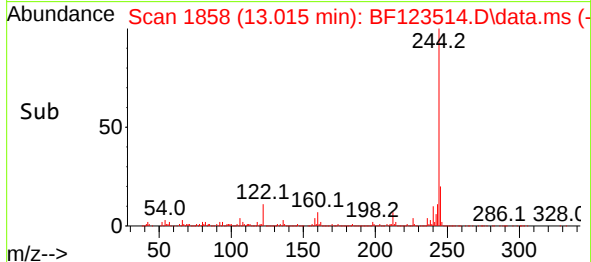
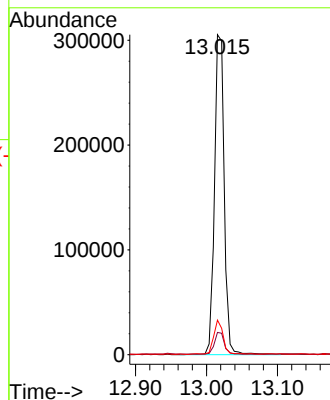
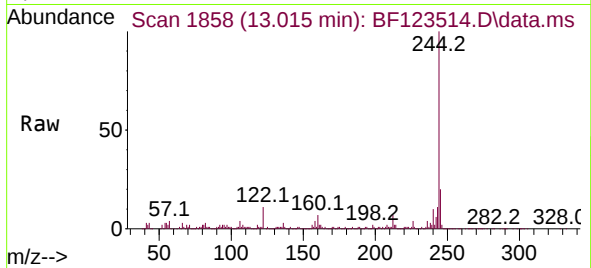




#79
Terphenyl-d14
Concen: 10.01 ng
RT: 13.015 min Scan# 1858
Delta R.T. -0.012 min
Lab File: BF123514.D
Acq: 30 Mar 2021 1:06

Instrument :
BNA_F
ClientSampleId :
031621-BIN-2

Tgt Ion:244 Resp: 291227
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 10.8 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BF123514.D
Acq: 30 Mar 2021 1:06

Tgt Ion:264 Resp: 436405
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.1 17.0 25.6

