

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021721\
 Data File : BF123219.D
 Acq On : 17 Feb 2021 18:51
 Operator : JU/CG
 Sample : M1424-01 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021621

Quant Time: Feb 18 06:37:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 12 16:59:49 2021
 Response via : Initial Calibration

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

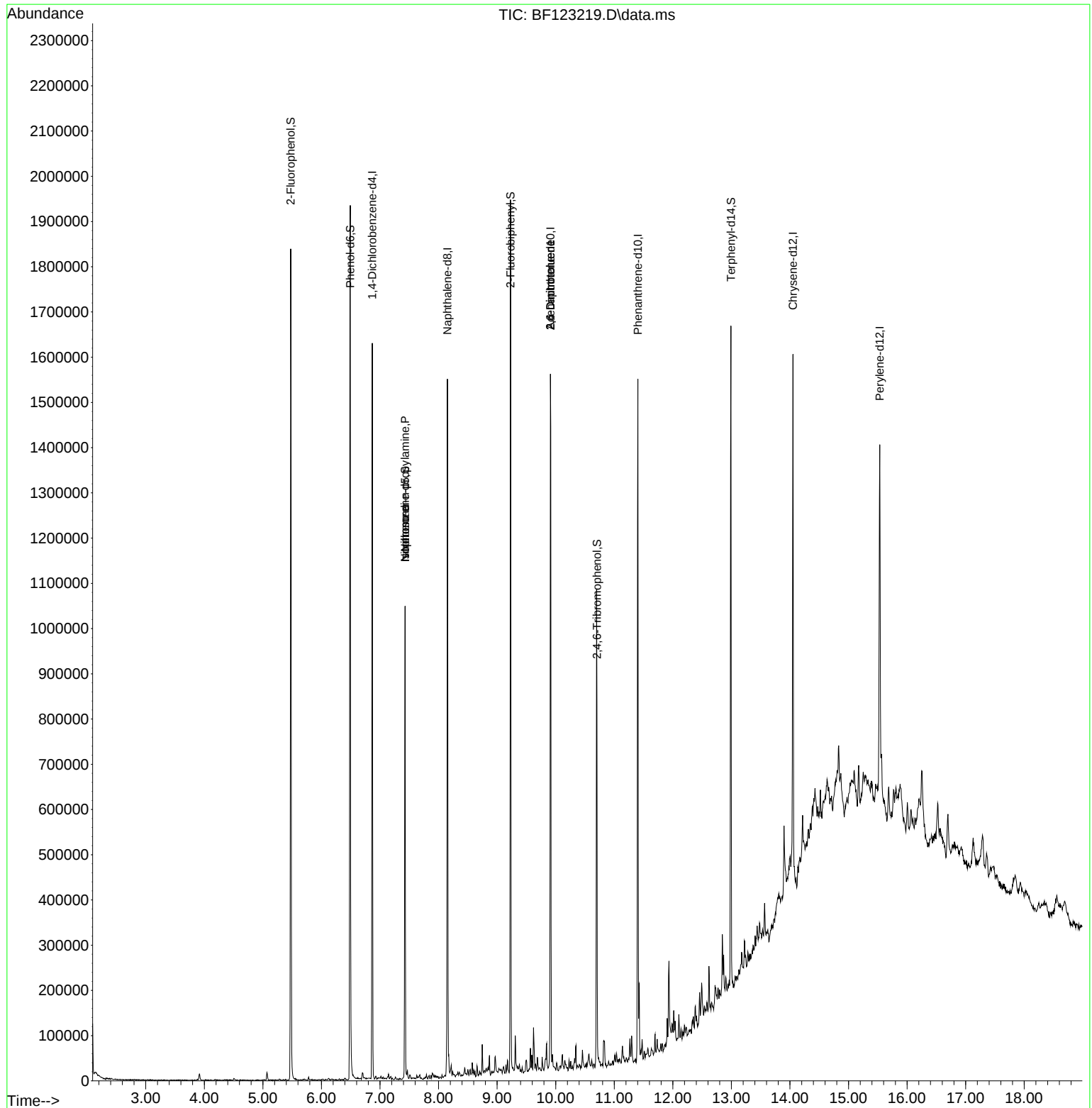
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	208545	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	634410	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	306459	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	513580	20.00	ng	0.00
76) Chrysene-d12	14.051	240	354016	20.00	ng	0.00
86) Perylene-d12	15.533	264	349897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	502062	36.49	ng	0.00
7) Phenol-d6	6.492	99	663999	36.54	ng	0.00
23) Nitrobenzene-d5	7.428	82	290125	24.03	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	114668	34.65	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	518302	25.28	ng	0.00
79) Terphenyl-d14	12.992	244	418572	23.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	39862	3.83	ng	Qvalue # 79
25) Isophorone	7.428	82	290122	12.94	ng	# 65
51) 2,6-Dinitrotoluene	9.910	165	40138	7.51	ng	# 32
57) 2,4-Dinitrotoluene	9.910	165	40138	5.56	ng	# 26

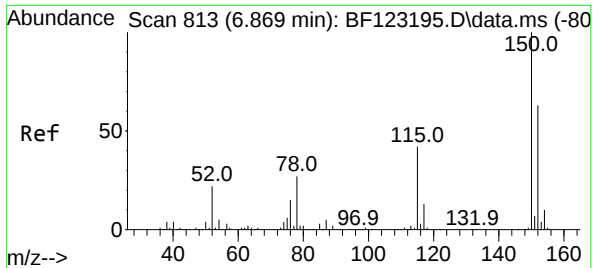
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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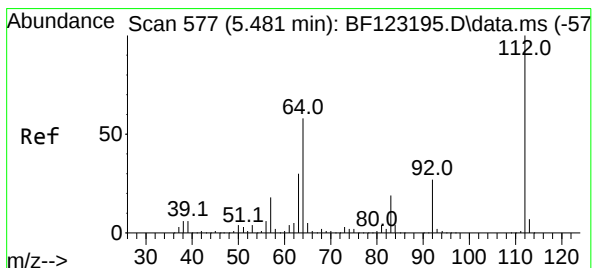
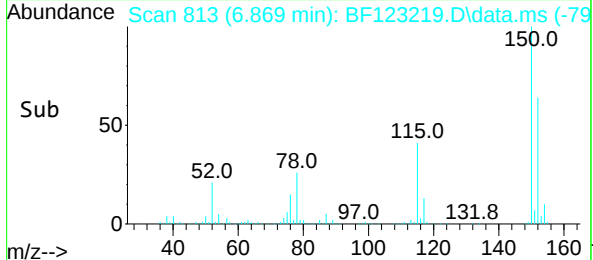
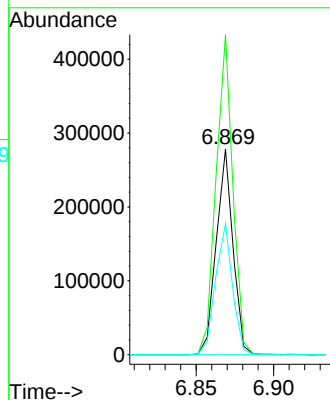
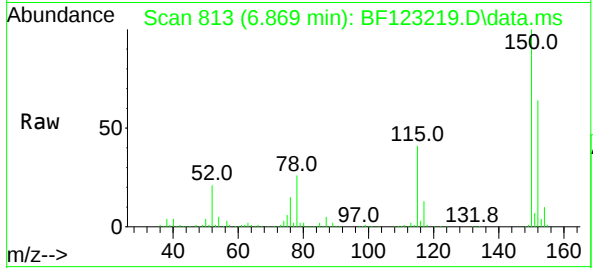




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123219.D
Acq: 17 Feb 2021 18:51

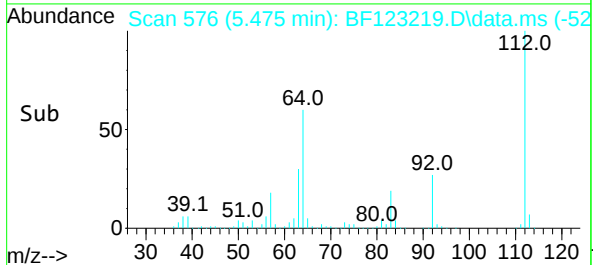
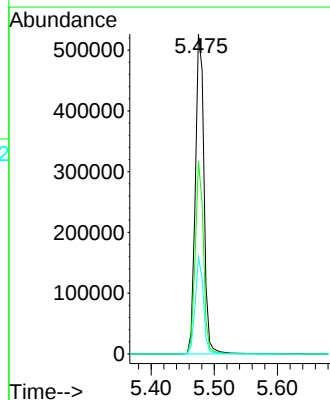
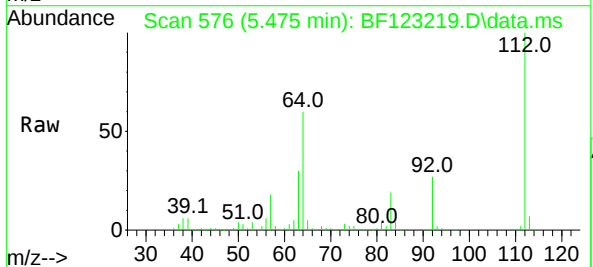
Instrument :
BNA_F
ClientSampleId :
OR-02-021621

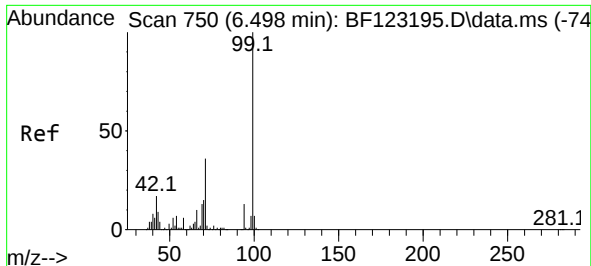
Tgt Ion:152 Resp: 208545
Ion Ratio Lower Upper
152 100
150 155.6 125.8 188.6
115 63.6 49.3 73.9



#5
2-Fluorophenol
Concen: 36.49 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF123219.D
Acq: 17 Feb 2021 18:51

Tgt Ion:112 Resp: 502062
Ion Ratio Lower Upper
112 100
64 60.2 46.9 70.3
63 30.3 24.5 36.7

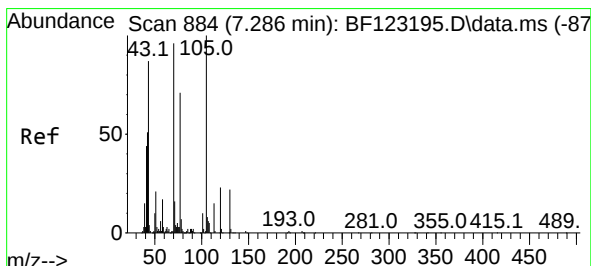
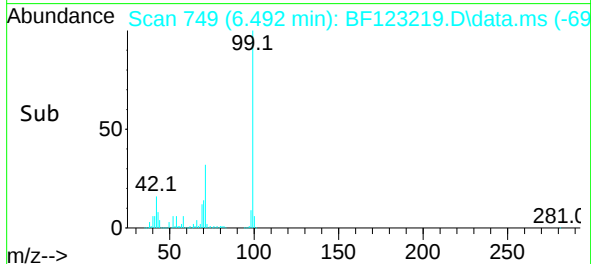
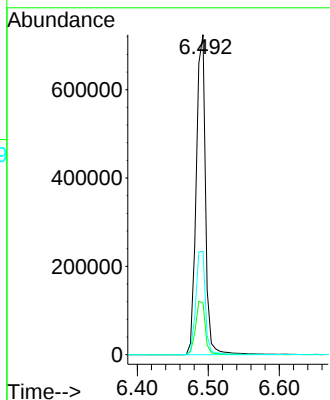
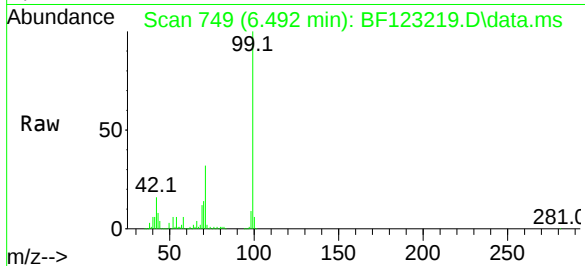




#7
Phenol-d6
Concen: 36.54 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF123219.D
Acq: 17 Feb 2021 18:51

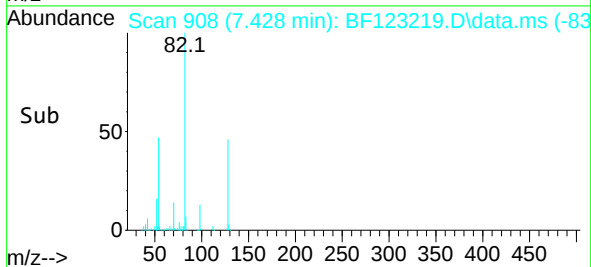
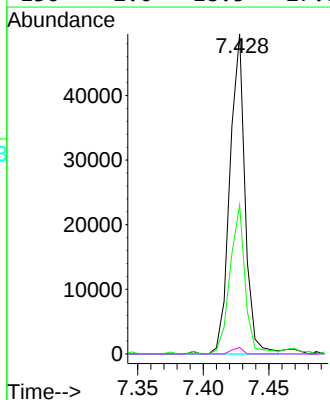
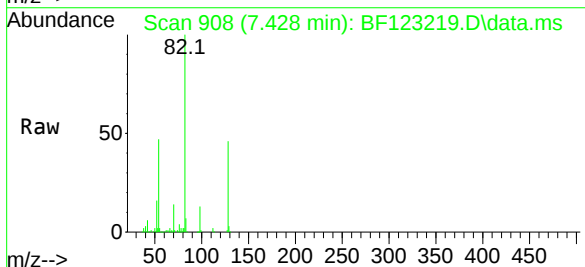
Instrument :
BNA_F
ClientSampleId :
OR-02-021621

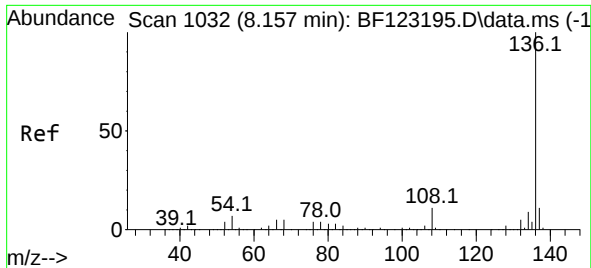
Tgt Ion:	99	Resp:	663999
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.8	20.6
71	32.4	26.9	40.3



#19
n-Nitroso-di-n-propylamine
Concen: 3.83 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF123219.D
Acq: 17 Feb 2021 18:51

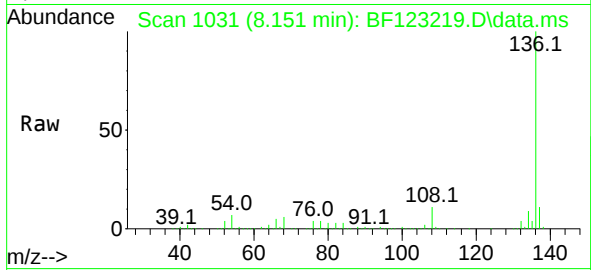
Tgt Ion:	70	Resp:	39862
Ion	Ratio	Lower	Upper
70	100		
42	46.6	43.0	64.4
101	0.0	7.9	11.9#
130	2.0	18.5	27.7#





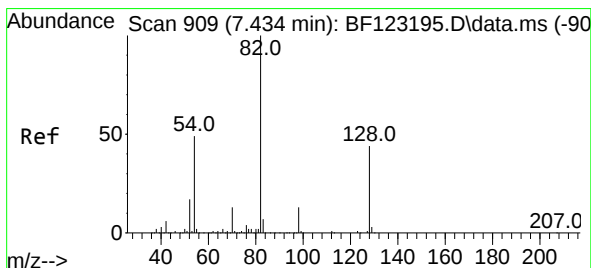
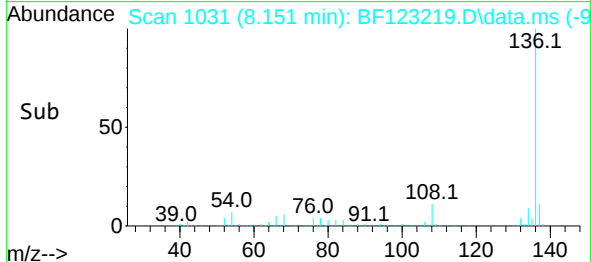
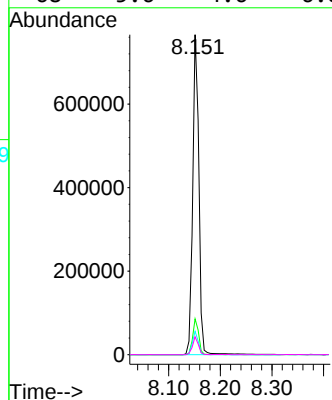
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123219.D
Acq: 17 Feb 2021 18:51

Instrument :
BNA_F
ClientSampleId :
OR-02-021621



Tgt Ion:136 Resp: 634410

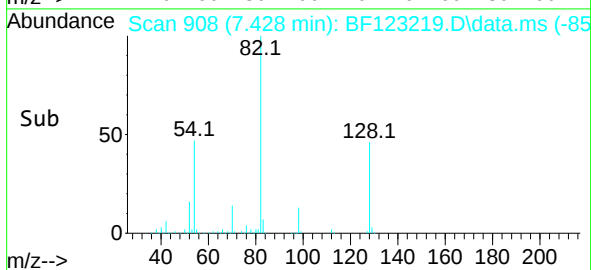
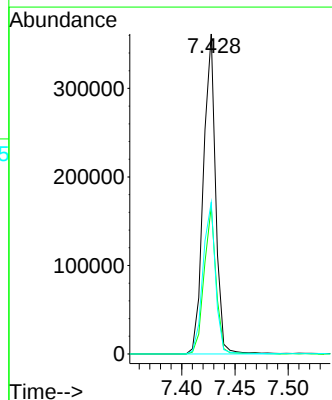
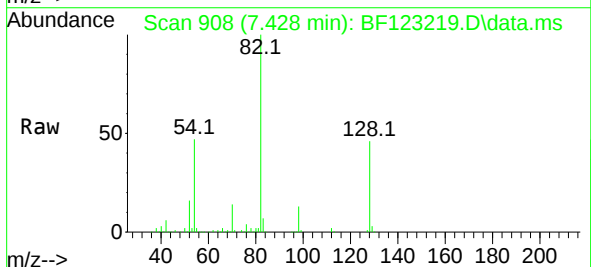
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.3	5.5	8.3
68	5.6	4.6	6.8

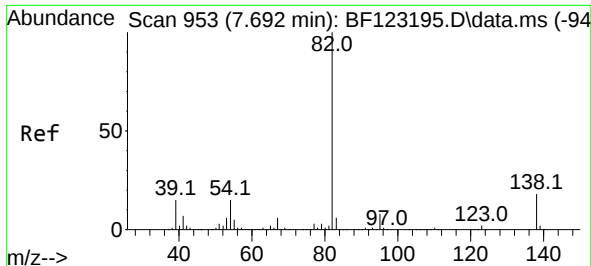


#23
Nitrobenzene-d5
Concen: 24.03 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123219.D
Acq: 17 Feb 2021 18:51

Tgt Ion: 82 Resp: 290125

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.0	55.4
54	47.4	38.4	57.6

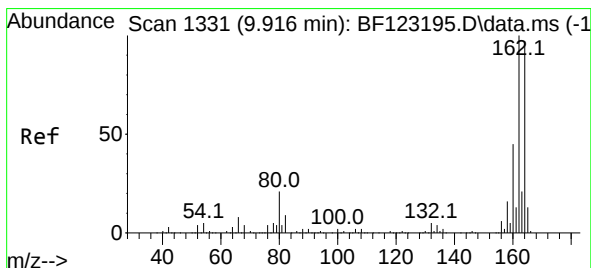
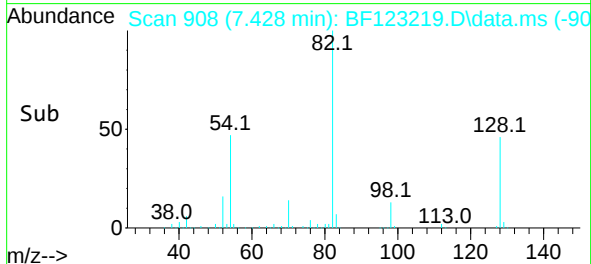
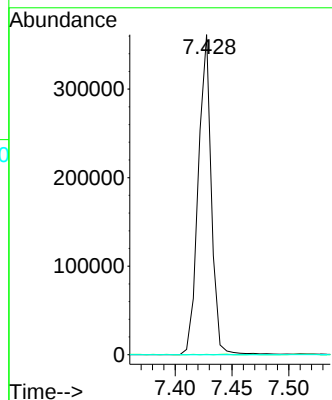
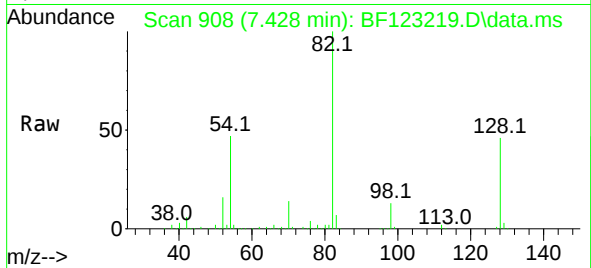




#25
Isophorone
Concen: 12.94 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF123219.D
Acq: 17 Feb 2021 18:51

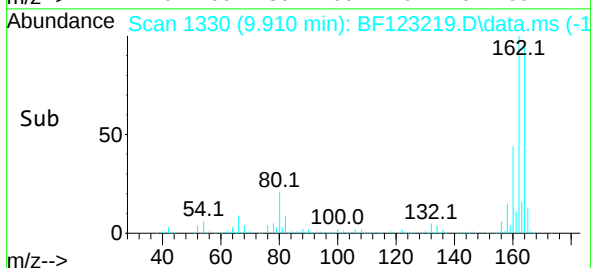
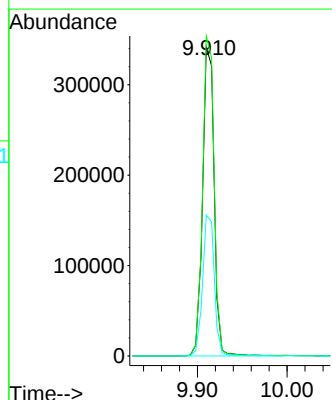
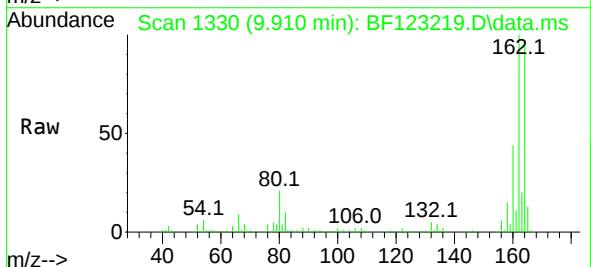
Instrument :
BNA_F
ClientSampleId :
OR-02-021621

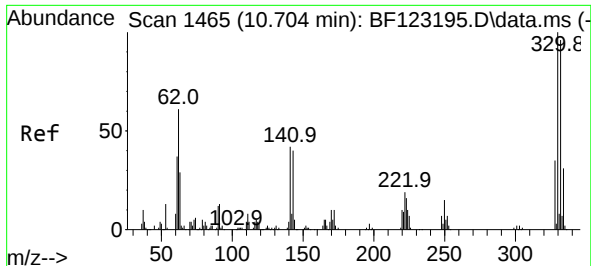
Tgt Ion: 82 Resp: 290122
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF123219.D
Acq: 17 Feb 2021 18:51

Tgt Ion: 164 Resp: 306459
Ion Ratio Lower Upper
164 100
162 103.6 80.8 121.2
160 45.6 35.4 53.0

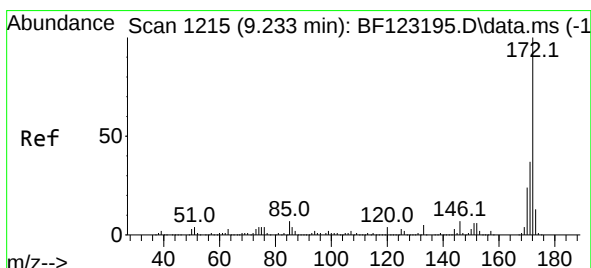
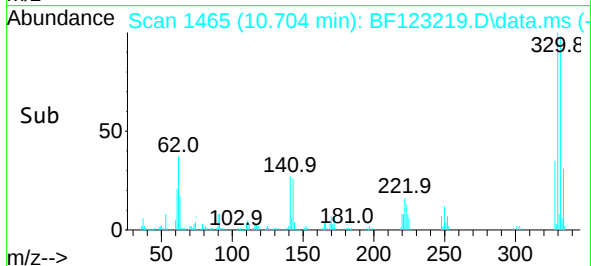
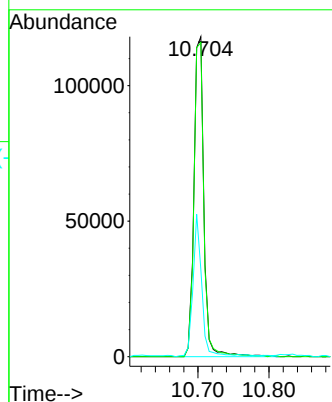
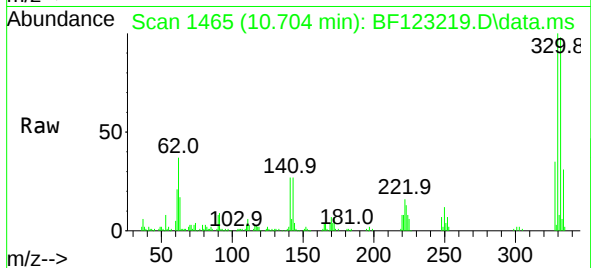




#42
2,4,6-Tribromophenol
Concen: 34.65 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF123219.D
Acq: 17 Feb 2021 18:51

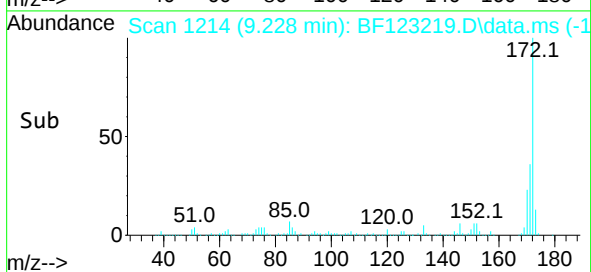
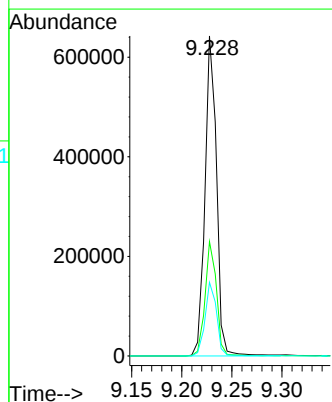
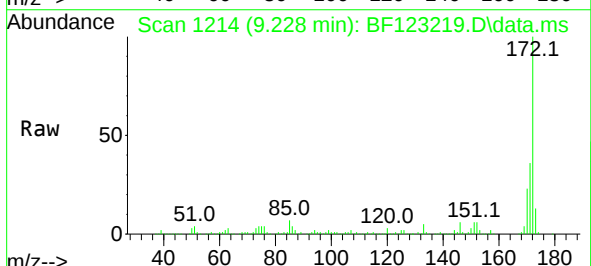
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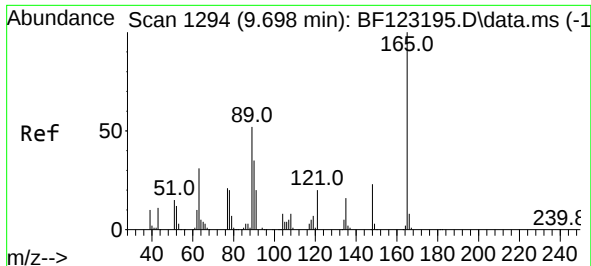
Tgt Ion:330 Resp: 114668
Ion Ratio Lower Upper
330 100
332 97.9 77.5 116.3
141 39.2 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 25.28 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF123219.D
Acq: 17 Feb 2021 18:51

Tgt Ion:172 Resp: 518302
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.0 19.5 29.3

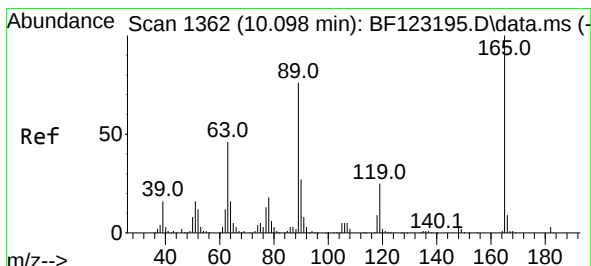
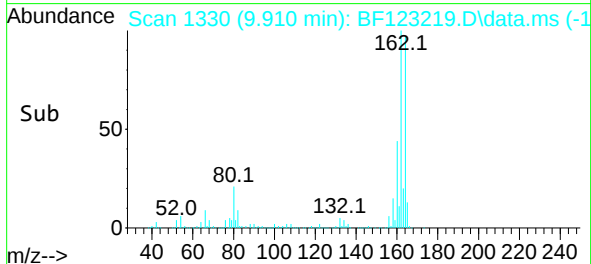
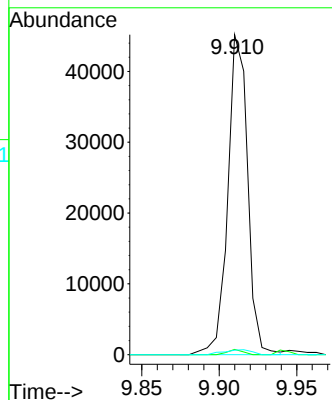
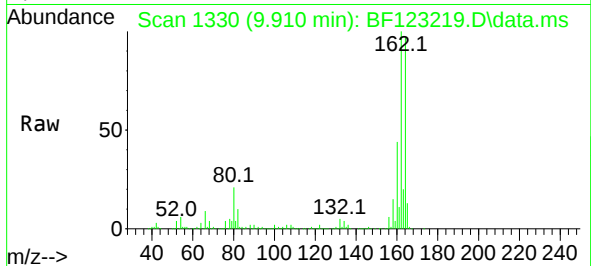




#51
2,6-Dinitrotoluene
Concen: 7.51 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF123219.D
Acq: 17 Feb 2021 18:51

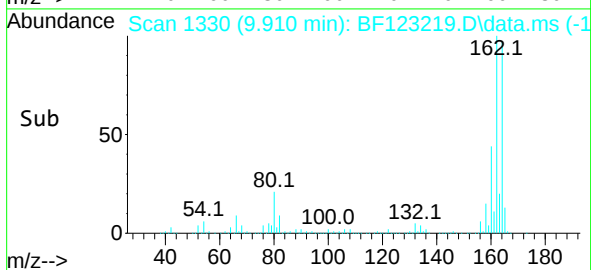
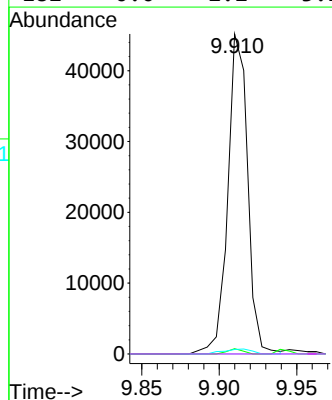
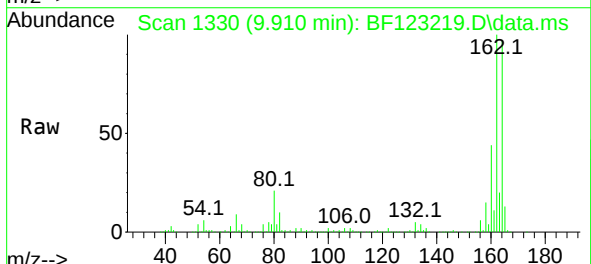
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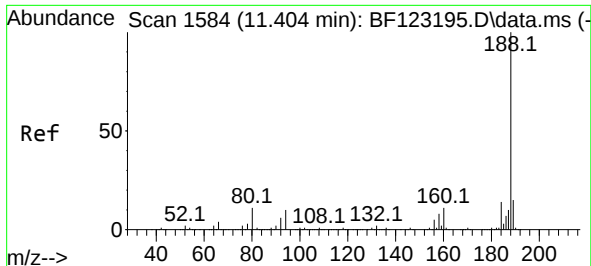
Tgt Ion:165 Resp: 40138
Ion Ratio Lower Upper
165 100
63 1.7 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.56 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF123219.D
Acq: 17 Feb 2021 18:51

Tgt Ion:165 Resp: 40138
Ion Ratio Lower Upper
165 100
63 1.7 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

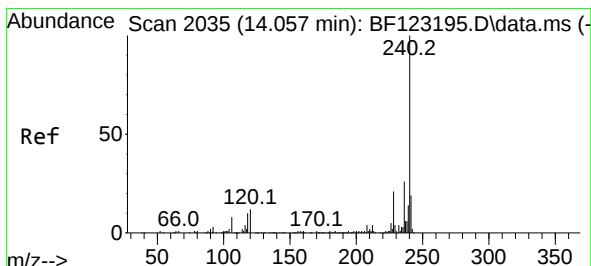
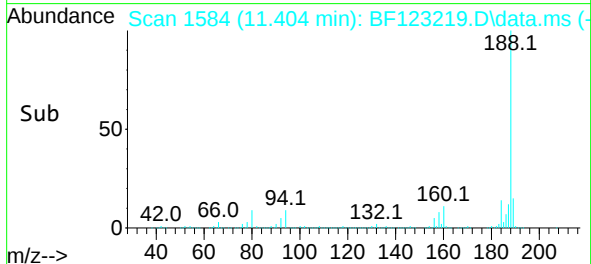
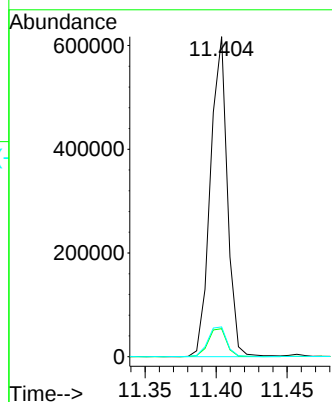
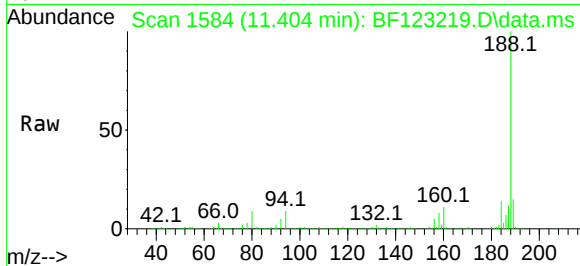




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF123219.D
Acq: 17 Feb 2021 18:51

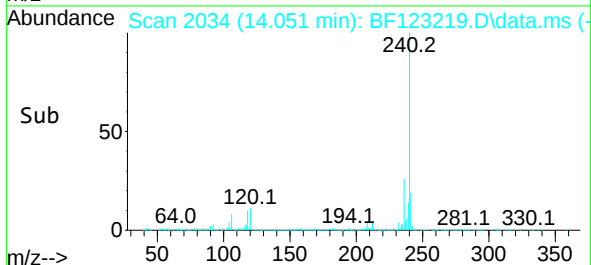
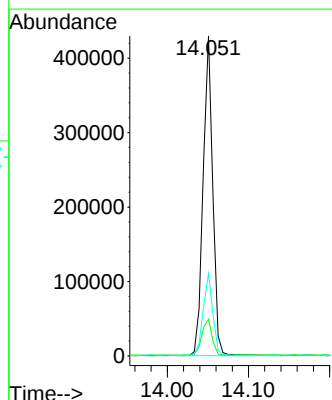
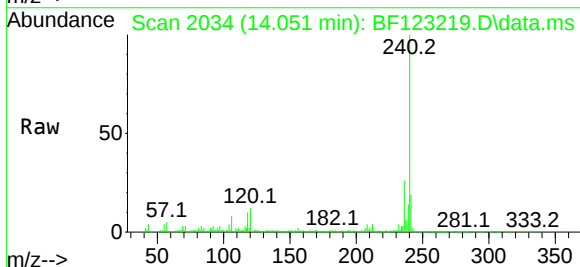
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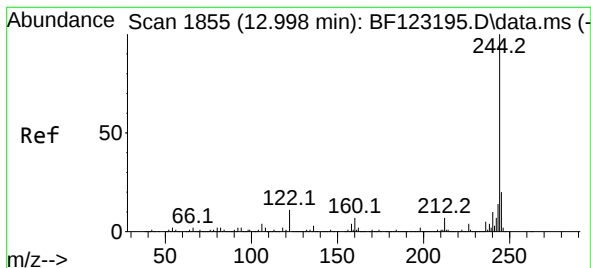
Tgt Ion:188 Resp: 513580
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.3 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123219.D
Acq: 17 Feb 2021 18:51

Tgt Ion:240 Resp: 354016
Ion Ratio Lower Upper
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120 11.5 8.6 12.8
236 25.7 20.3 30.5

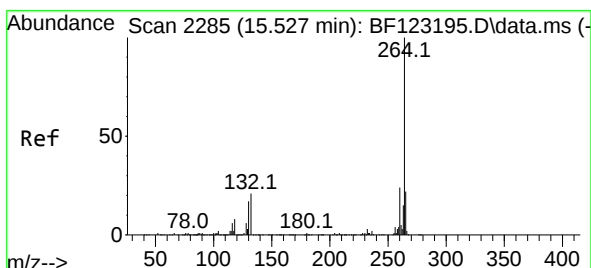
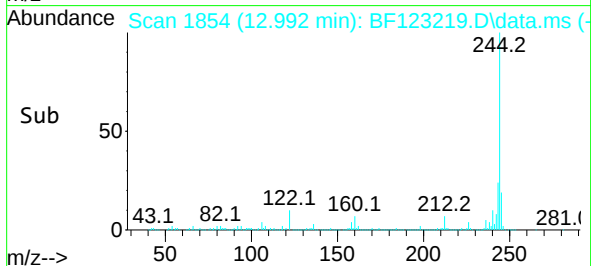
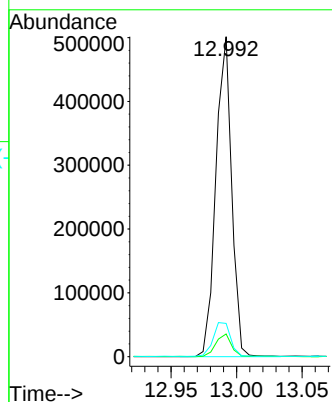
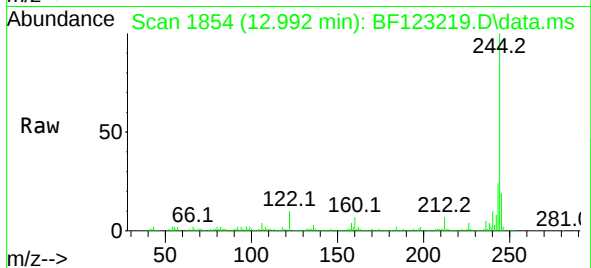




#79
 Terphenyl-d14
 Concen: 23.70 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.006 min
 Lab File: BF123219.D
 Acq: 17 Feb 2021 18:51

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021621

Tgt Ion:244 Resp: 418572
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.533 min Scan# 2286
 Delta R.T. 0.006 min
 Lab File: BF123219.D
 Acq: 17 Feb 2021 18:51

Tgt Ion:264 Resp: 349897
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.5 17.0 25.6

