

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
 Data File : BF122405.D
 Acq On : 20 Nov 2020 16:08
 Operator : JU/CG
 Sample : L4809-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MS-CON-D

Quant Time: Nov 20 16:44:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:27:02 2020
 Response via : Initial Calibration

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

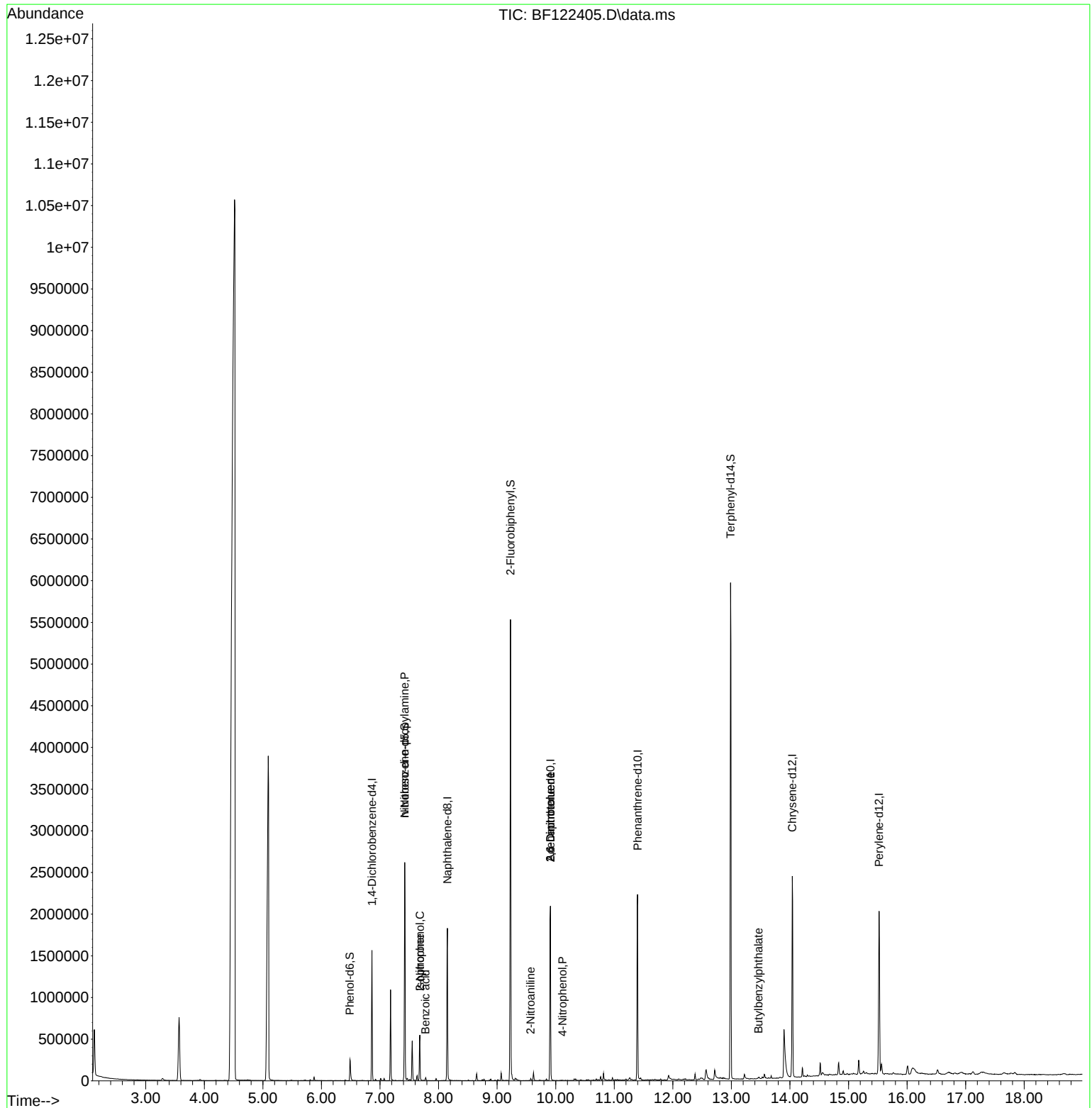
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	210853	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	819672	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	444512	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	855039	20.00	ng	0.00
76) Chrysene-d12	14.039	240	859731	20.00	ng	-0.01
86) Perylene-d12	15.521	264	913909	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1953	0.14	ng	0.00
7) Phenol-d6	6.487	99	94950	5.29	ng	-0.02
23) Nitrobenzene-d5	7.422	82	831778	62.12	ng	-0.01
42) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.228	172	1607444	56.50	ng	0.00
79) Terphenyl-d14	12.986	244	1996448	49.20	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.404	77	375	Below Cal	#	38
19) n-Nitroso-di-n-propyla...	7.422	70	111211	10.36	ng	# 76
25) Isophorone	7.681	82	218901	7.33	ng	# 96
26) 2-Nitrophenol	7.681	139	3713	7.30	ng	# 60
32) Benzoic acid	7.775	122	269	7.99	ng	# 1
48) 2-Nitroaniline	9.575	65	239	5.19	ng	# 6
51) 2,6-Dinitrotoluene	9.910	165	58977	11.54	ng	# 21
56) 4-Nitrophenol	10.116	139	330	5.45	ng	# 10
57) 2,4-Dinitrotoluene	9.910	165	58977	10.72	ng	# 20
80) Butylbenzylphthalate	13.463	149	495	3.31	ng	# 77

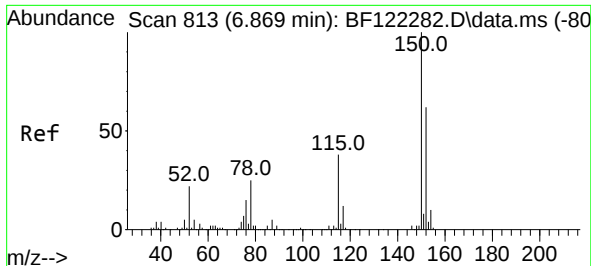
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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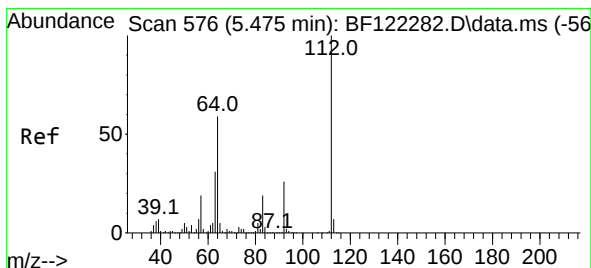
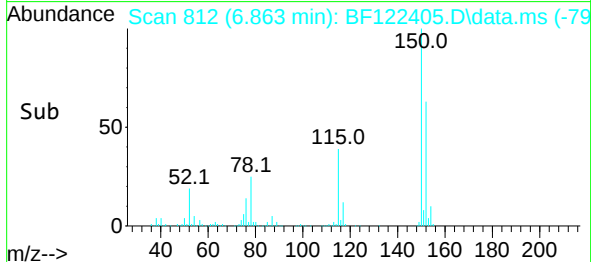
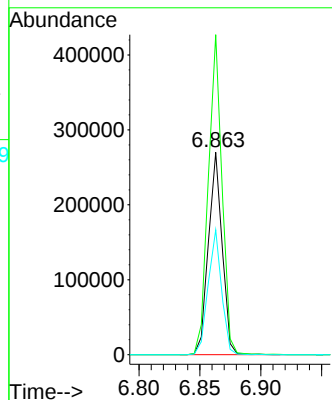
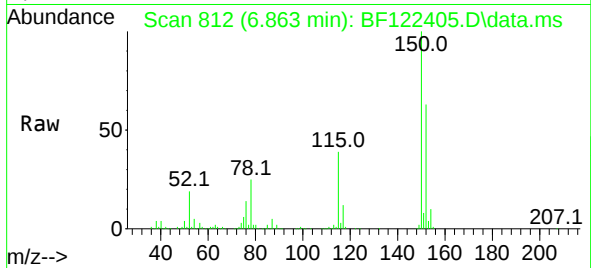




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122405.D
Acq: 20 Nov 2020 16:08

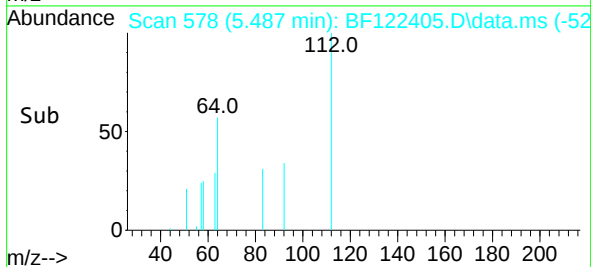
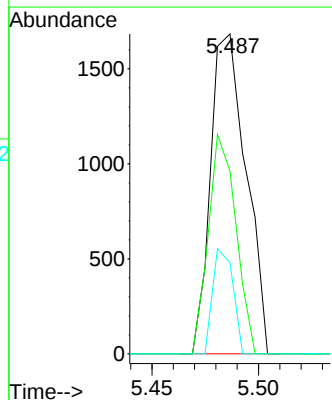
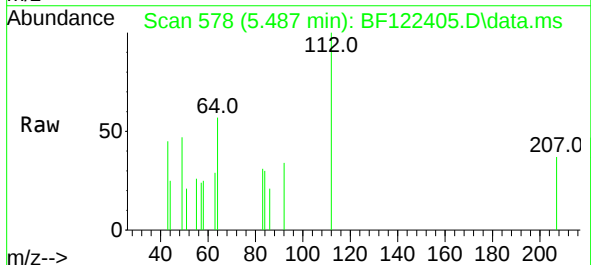
Instrument :
BNA_F
ClientSampleId :
MS-CON-D

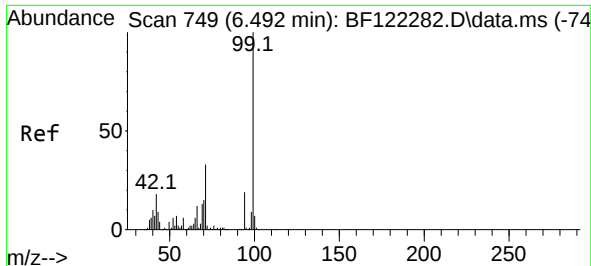
Tgt Ion:152 Resp: 210853
Ion Ratio Lower Upper
152 100
150 158.1 125.3 187.9
115 61.7 51.9 77.9



#5
2-Fluorophenol
Concen: 0.14 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF122405.D
Acq: 20 Nov 2020 16:08

Tgt Ion:112 Resp: 1953
Ion Ratio Lower Upper
112 100
64 57.1 50.4 75.6
63 28.5 25.8 38.6

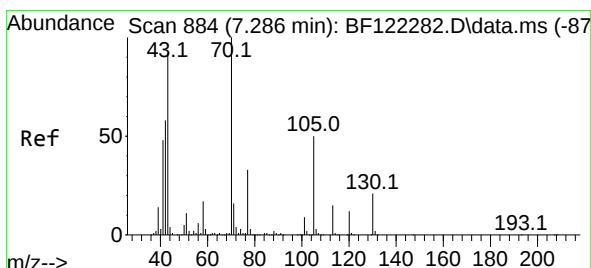
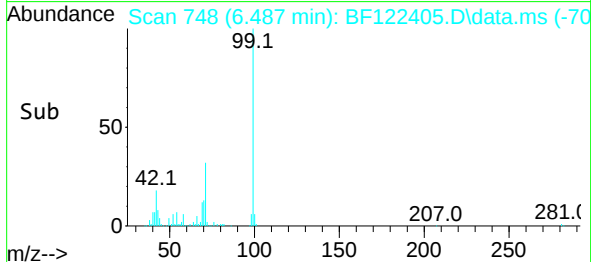
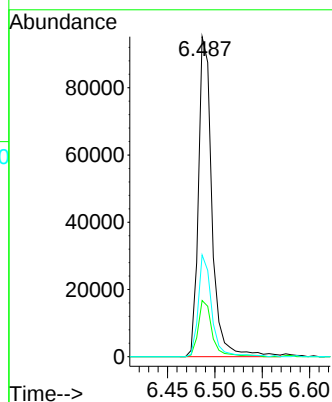
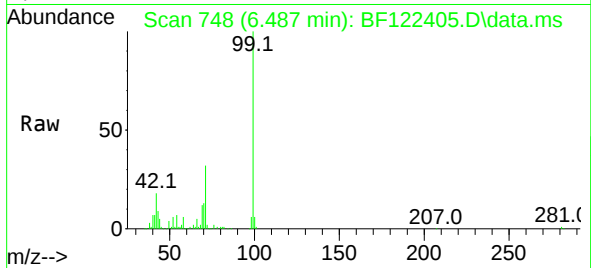




#7
Phenol-d6
Concen: 5.29 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.024 min
Lab File: BF122405.D
Acq: 20 Nov 2020 16:08

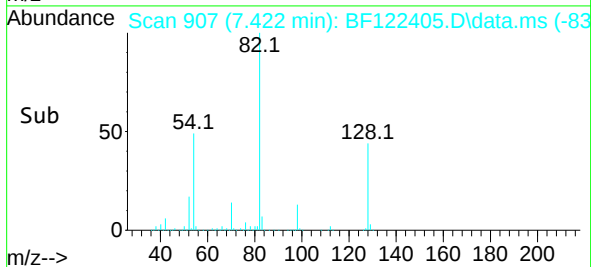
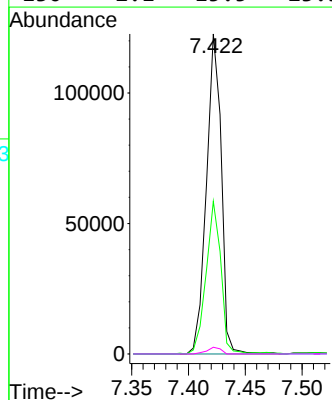
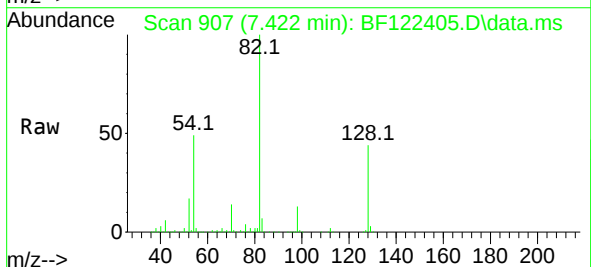
Instrument :
BNA_F
ClientSampleId :
MS-CON-D

Tgt Ion:	99	Resp:	94950
Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.9	23.9
71	31.8	27.1	40.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.36 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF122405.D
Acq: 20 Nov 2020 16:08

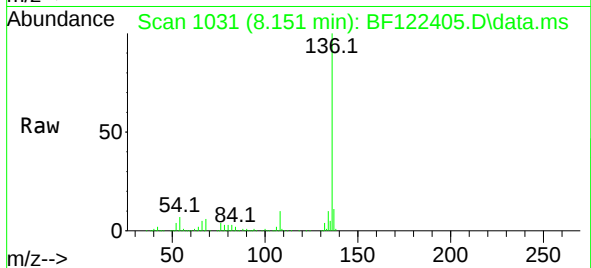
Tgt Ion:	70	Resp:	111211
Ion	Ratio	Lower	Upper
70	100		
42	47.7	50.2	75.4#
101	0.0	7.5	11.3#
130	2.1	15.5	23.3#



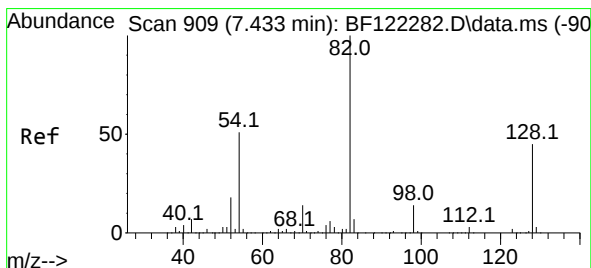
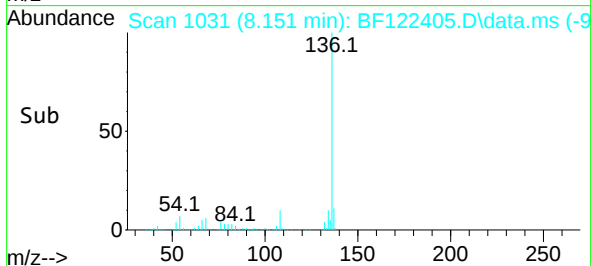
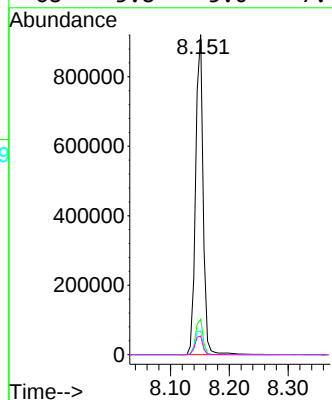


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122405.D
Acq: 20 Nov 2020 16:08

Instrument :
BNA_F
ClientSampleId :
MS-CON-D

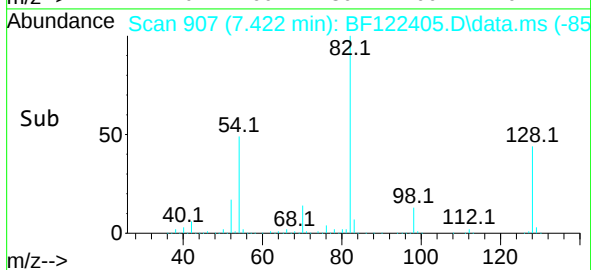
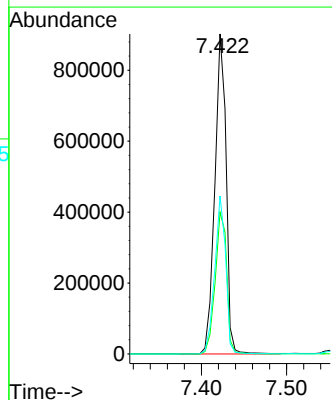
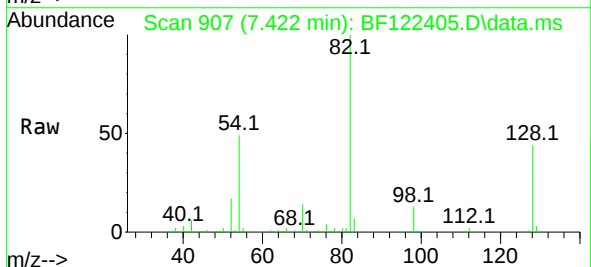


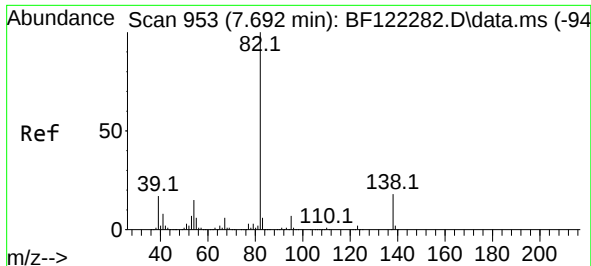
Tgt Ion:136	Resp:	819672	
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.4	7.1	10.7
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 62.12 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122405.D
Acq: 20 Nov 2020 16:08

Tgt Ion: 82	Resp: 831778
Ion Ratio	Lower Upper
82 100	
128 44.3	35.0 52.4
54 49.3	43.9 65.9

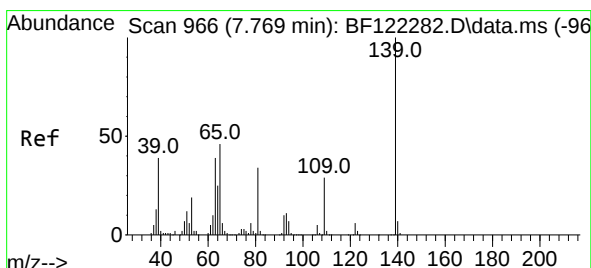
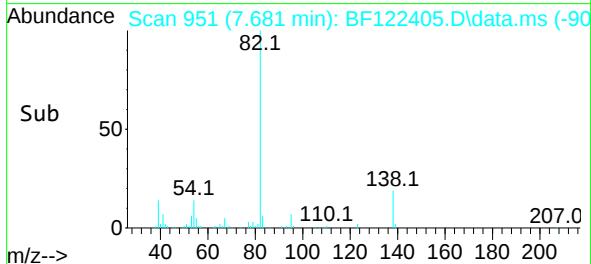
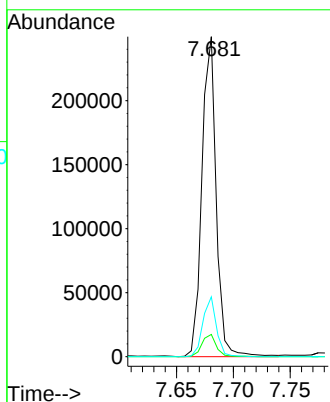
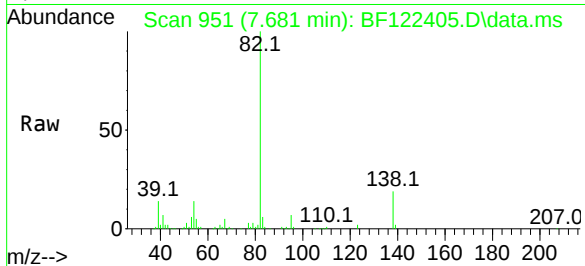




#25
Isophorone
Concen: 7.33 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF122405.D
Acq: 20 Nov 2020 16:08

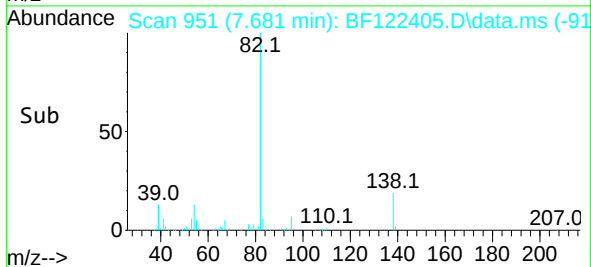
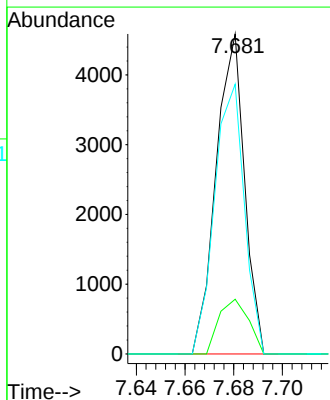
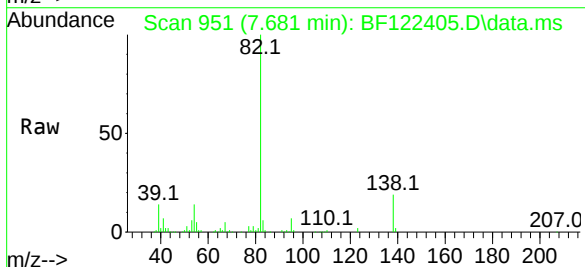
Instrument :
BNA_F
ClientSampleId :
MS-CON-D

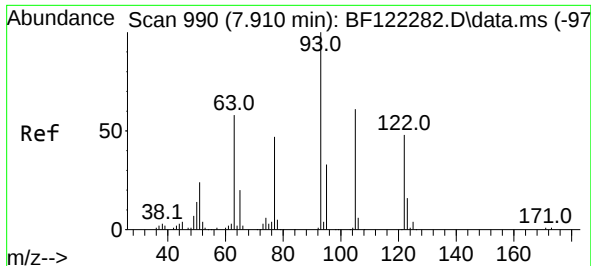
Tgt Ion: 82 Resp: 218901
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 18.7 13.4 20.0



#26
2-Nitrophenol
Concen: 7.30 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.088 min
Lab File: BF122405.D
Acq: 20 Nov 2020 16:08

Tgt Ion:139 Resp: 3713
Ion Ratio Lower Upper
139 100
109 17.1 23.0 34.4#
65 84.3 39.9 59.9#

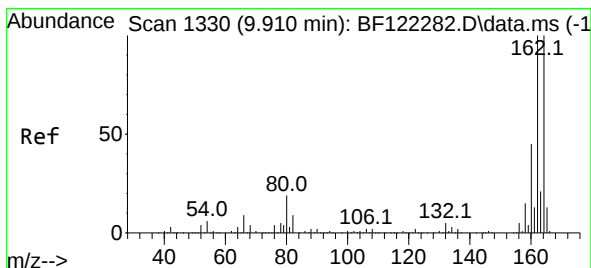
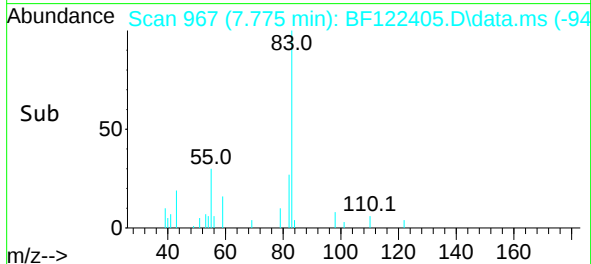
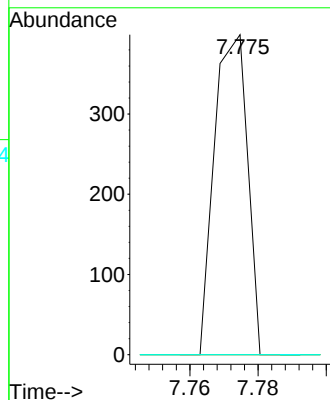
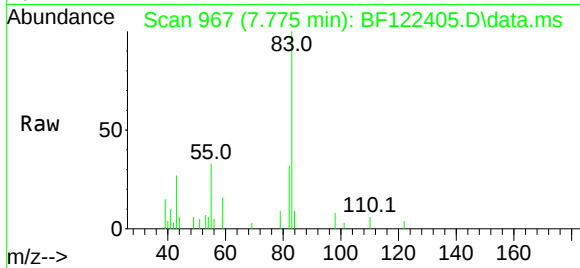




#32
Benzoic acid
Concen: 7.99 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.165 min
Lab File: BF122405.D
Acq: 20 Nov 2020 16:08

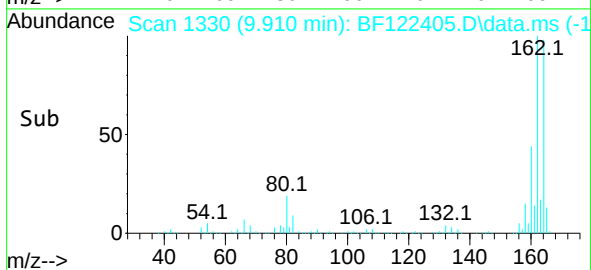
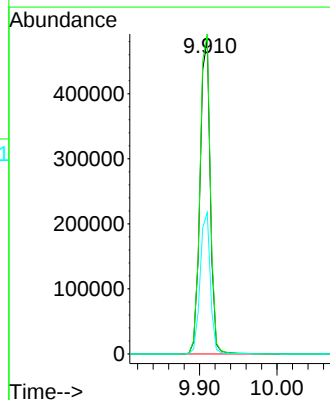
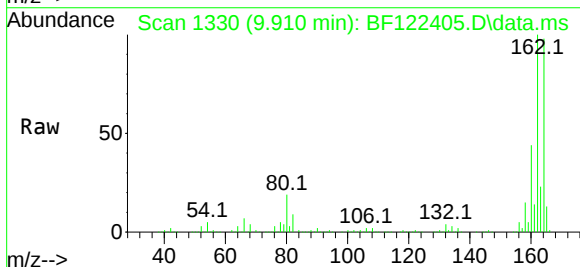
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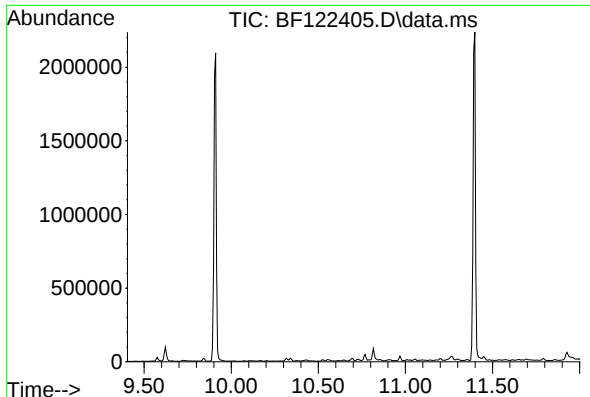
Tgt Ion:122 Resp: 269
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 0.0 73.9 113.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF122405.D
Acq: 20 Nov 2020 16:08

Tgt Ion:164 Resp: 444512
Ion Ratio Lower Upper
164 100
162 101.5 83.2 124.8
160 44.9 37.5 56.3



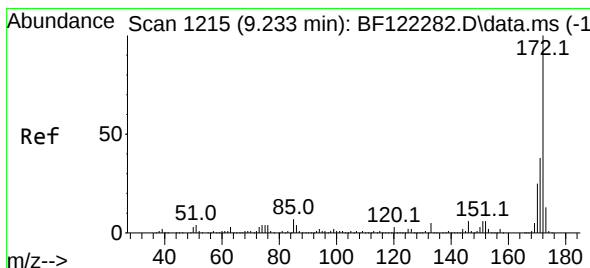
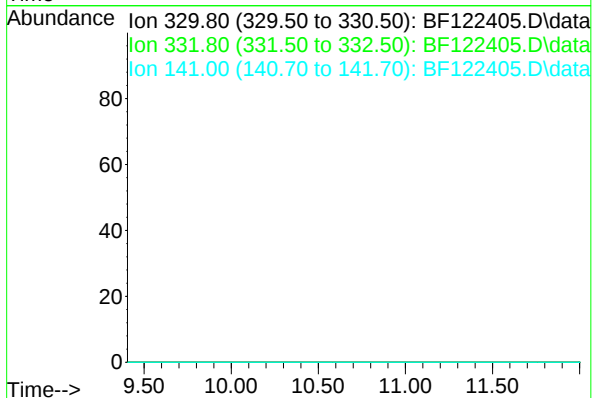


#42
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.70 min
 Lab File: BF122405.D
 Acq: 20 Nov 2020 16:08

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.6
141	27.9

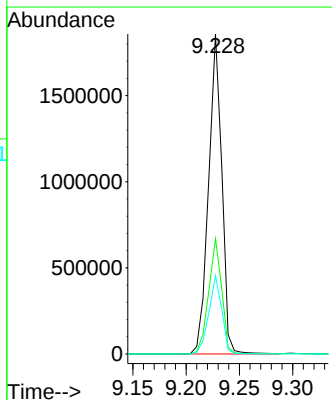
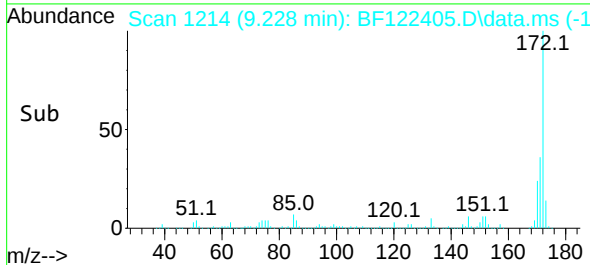
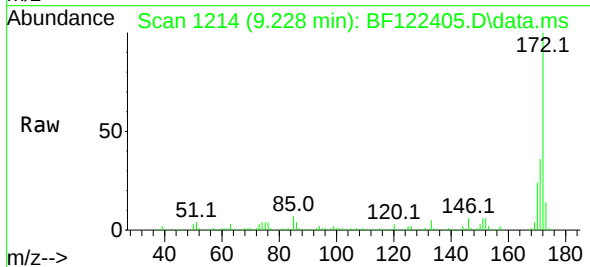
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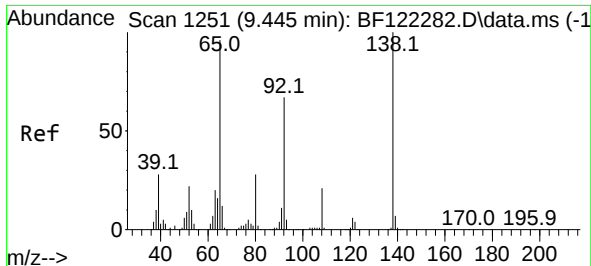


#45
 2-Fluorobiphenyl
 Concen: 56.50 ng
 RT: 9.228 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: BF122405.D
 Acq: 20 Nov 2020 16:08

Tgt Ion: 172 Resp: 1607444

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.1	43.7
170	24.5	19.8	29.6

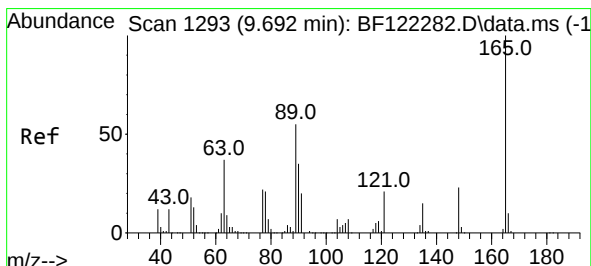
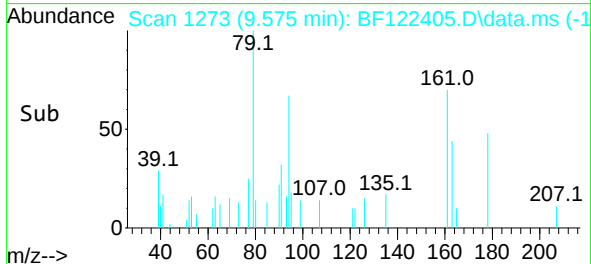
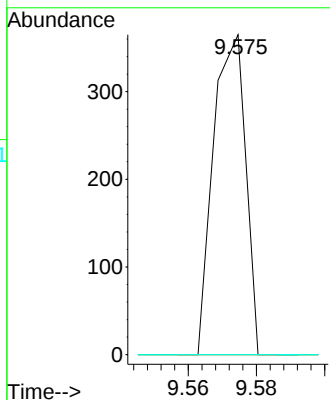
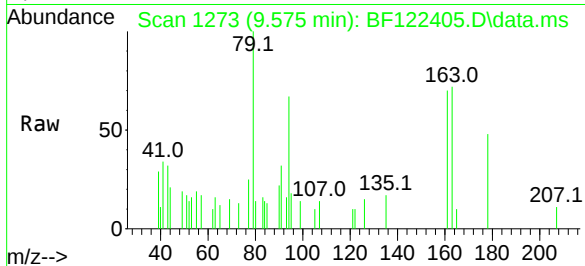




#48
2-Nitroaniline
Concen: 5.19 ng
RT: 9.575 min Scan# 1273
Delta R.T. 0.118 min
Lab File: BF122405.D
Acq: 20 Nov 2020 16:08

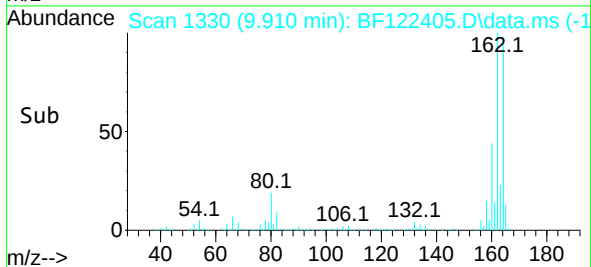
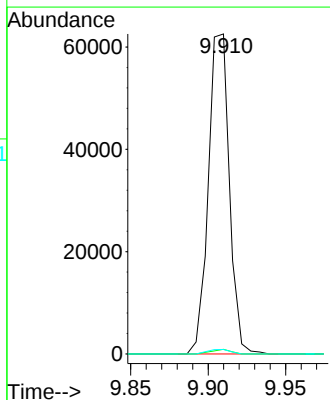
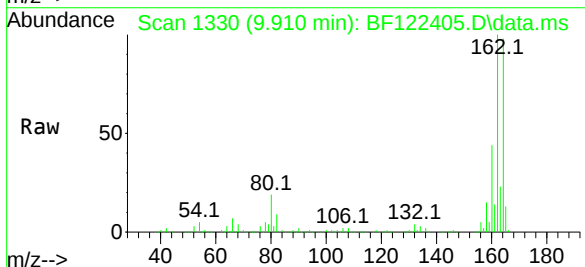
Instrument :
BNA_F
ClientSampleId :
MS-CON-D

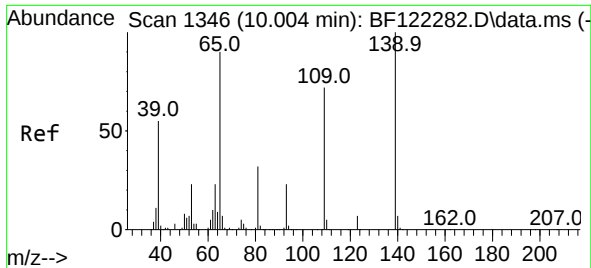
Tgt Ion: 65 Resp: 239
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#51
2,6-Dinitrotoluene
Concen: 11.54 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF122405.D
Acq: 20 Nov 2020 16:08

Tgt Ion:165 Resp: 58977
Ion Ratio Lower Upper
165 100
63 1.4 51.8 77.6#
89 1.4 49.0 73.6#

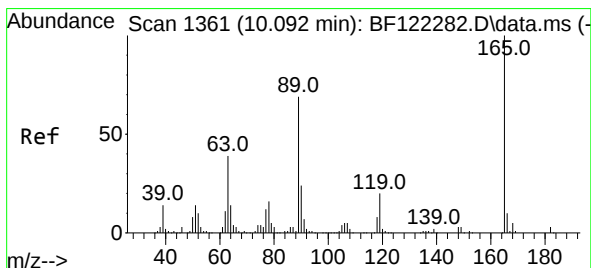
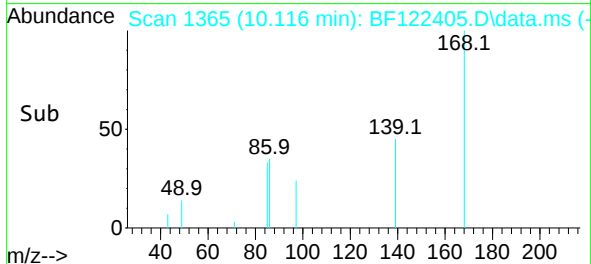
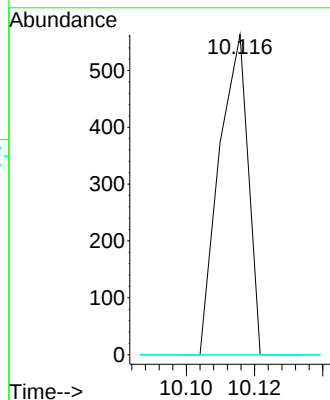
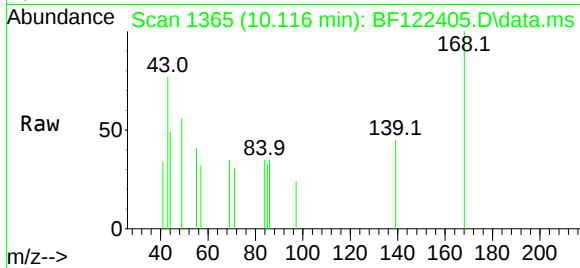




#56
4-Nitrophenol
Concen: 5.45 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.088 min
Lab File: BF122405.D
Acq: 20 Nov 2020 16:08

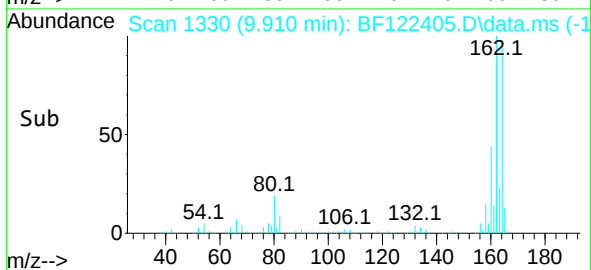
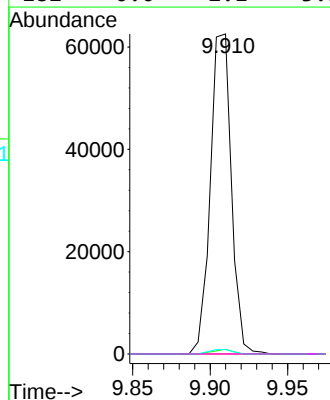
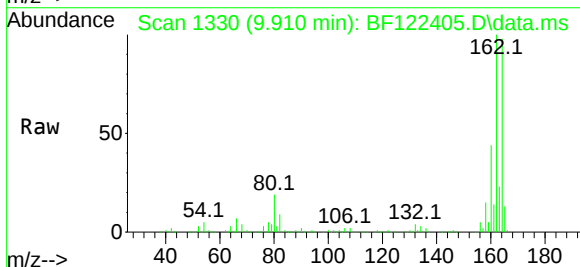
Instrument :
BNA_F
ClientSampleId :
MS-CON-D

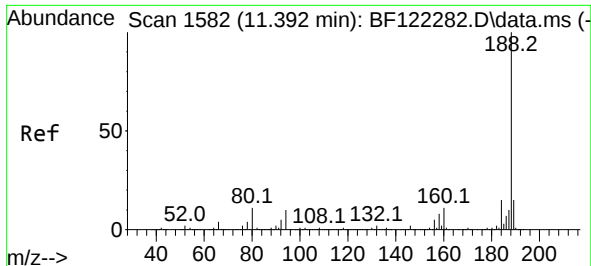
Tgt Ion:139 Resp: 330
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 0.0 68.4 108.4#



#57
2,4-Dinitrotoluene
Concen: 10.72 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF122405.D
Acq: 20 Nov 2020 16:08

Tgt Ion:165 Resp: 58977
Ion Ratio Lower Upper
165 100
63 1.4 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#

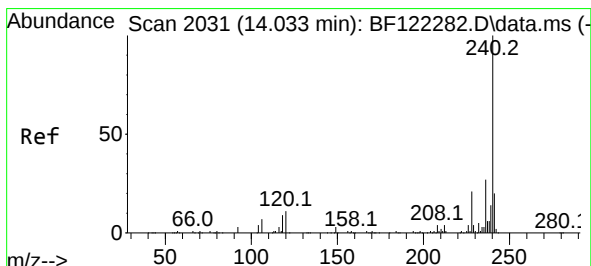
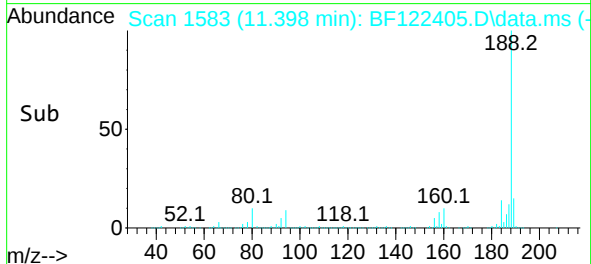
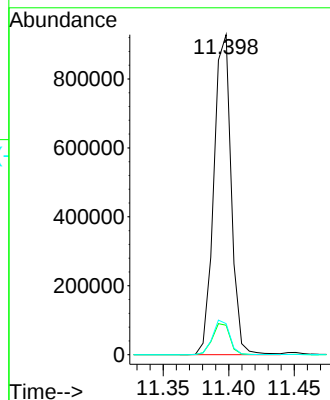
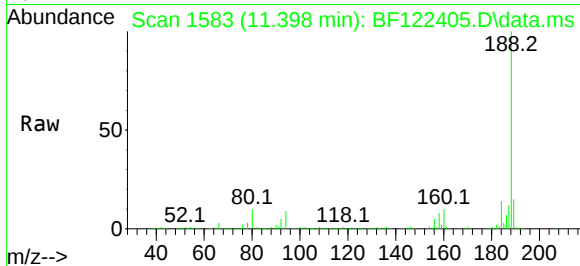




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF122405.D
Acq: 20 Nov 2020 16:08

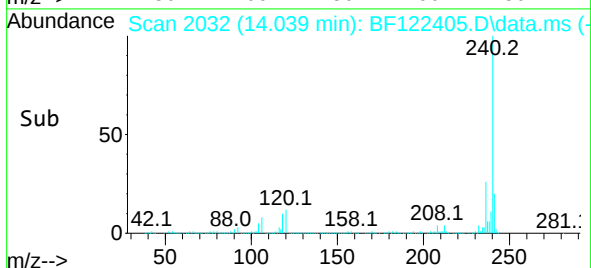
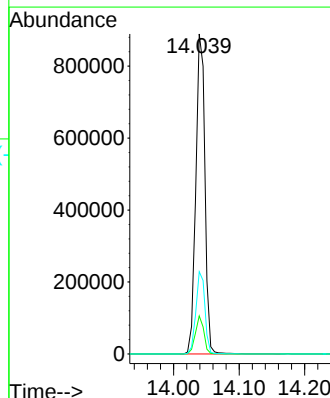
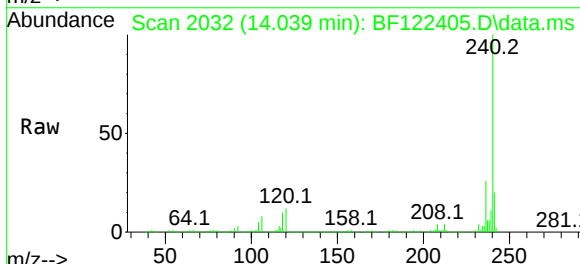
Instrument :
BNA_F
ClientSampleId :
MS-CON-D

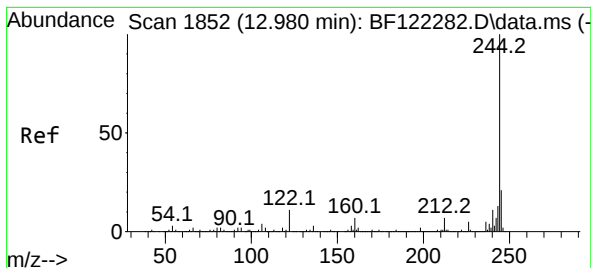
Tgt Ion:188 Resp: 855039
Ion Ratio Lower Upper
188 100
94 9.2 8.3 12.5
80 9.7 9.1 13.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122405.D
Acq: 20 Nov 2020 16:08

Tgt Ion:240 Resp: 859731
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 49.20 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF122405.D

Acq: 20 Nov 2020 16:08

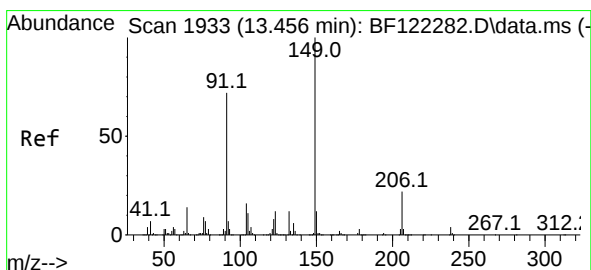
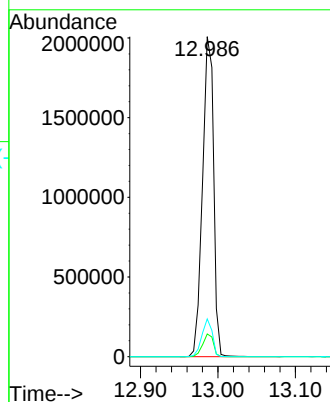
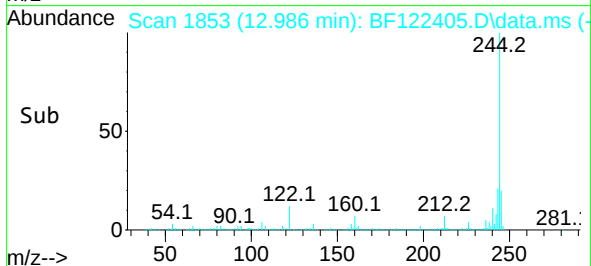
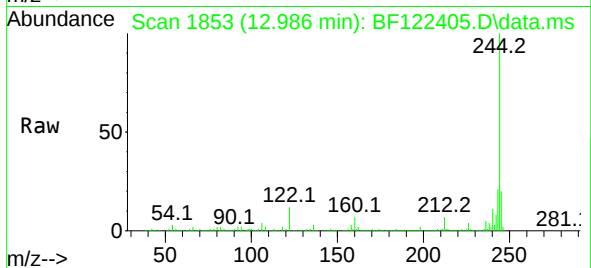
Tgt Ion:244 Resp: 1996448

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 11.8 8.1 12.1



#80

Butylbenzylphthalate

Concen: 3.31 ng

RT: 13.463 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BF122405.D

Acq: 20 Nov 2020 16:08

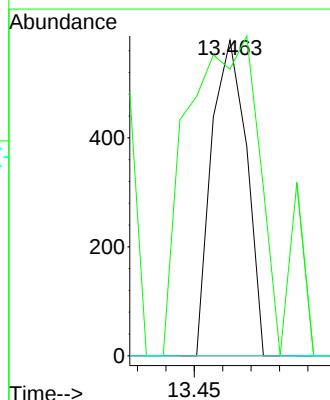
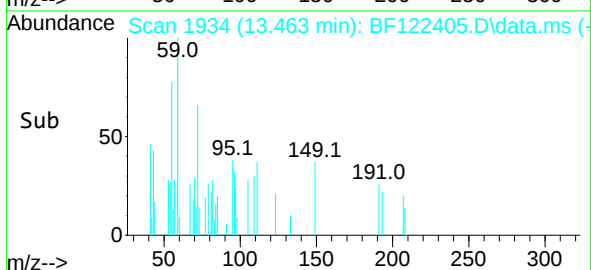
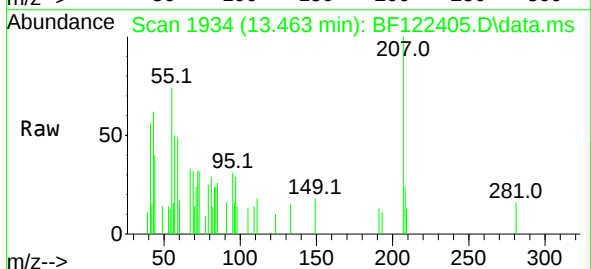
Tgt Ion:149 Resp: 495

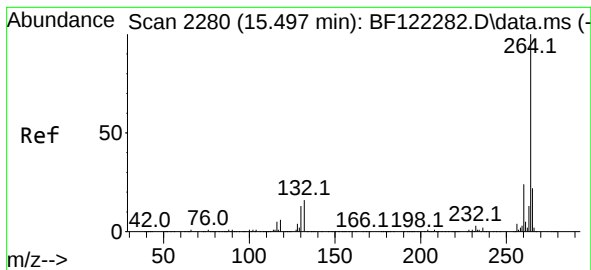
Ion Ratio Lower Upper

149 100

91 90.8 61.0 91.4

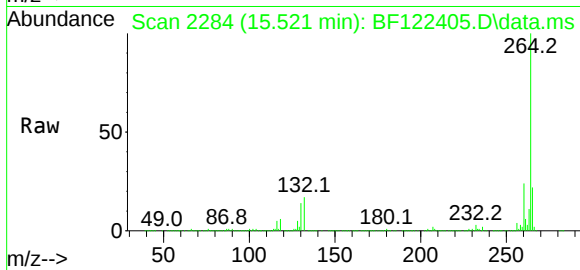
206 0.0 16.7 25.1#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. -0.012 min
 Lab File: BF122405.D
 Acq: 20 Nov 2020 16:08

Instrument :
 BNA_F
 ClientSampleId :
 MS-CON-D



Tgt Ion:264 Resp: 913909
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 22.1 17.3 25.9

