

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022521\
 Data File : BF123300.D
 Acq On : 25 Feb 2021 15:56
 Operator : JU/CG
 Sample : M1477-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11995

Quant Time: Feb 25 16:28:35 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)

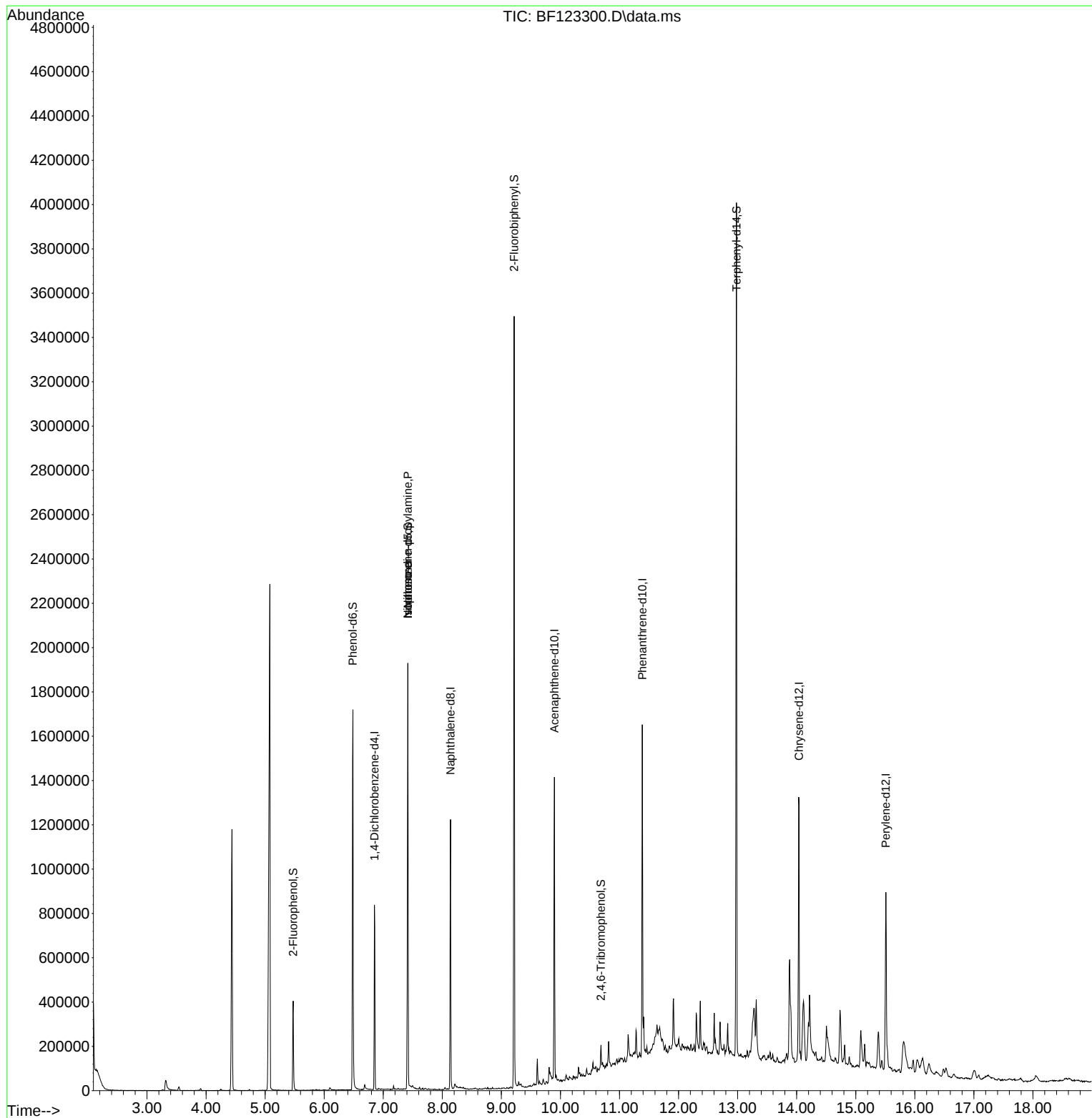
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	110387	20.00	ng	# 0.00
21) Naphthalene-d8	8.139	136	462665	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	252326	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	483713	20.00	ng	0.00
76) Chrysene-d12	14.039	240	403958	20.00	ng	0.00
86) Perylene-d12	15.509	264	334794	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	105897	13.81	ng	0.00
7) Phenol-d6	6.486	99	540201	51.85	ng	0.00
23) Nitrobenzene-d5	7.416	82	564070	55.81	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	102110	3.97	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	922691	52.53	ng	0.00
79) Terphenyl-d14	12.980	244	1073993	51.12	ng	0.00
Target Compounds						
9) Benzaldehyde	6.481	77	1100	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	77690	12.53	ng	# 79
25) Isophorone	7.416	82	560439	29.65	ng	# 65

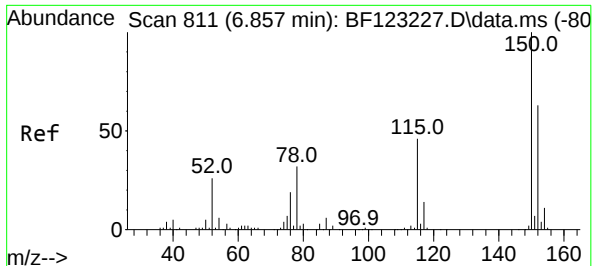
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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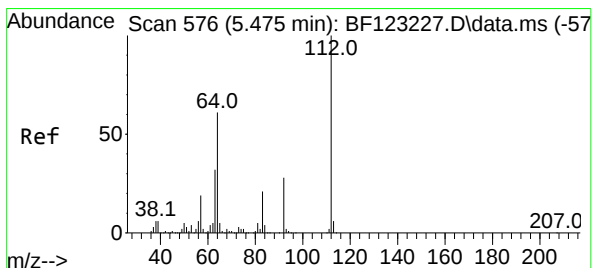
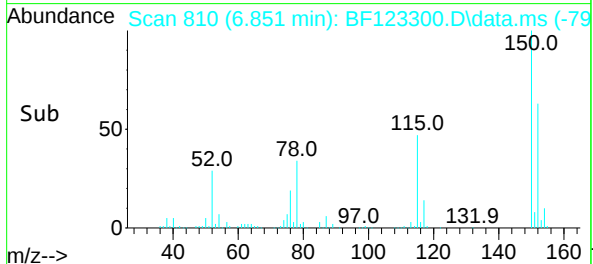
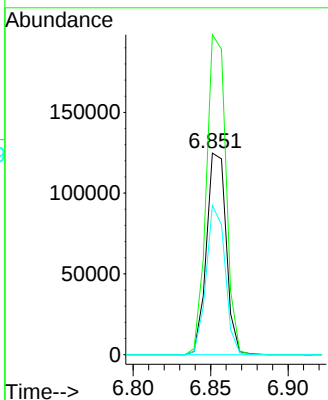
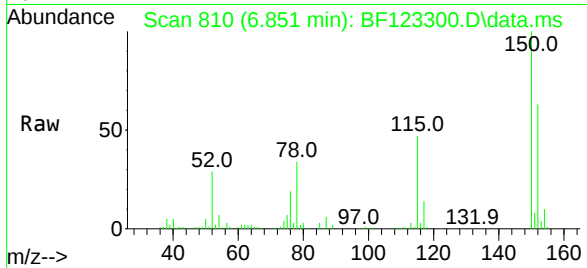




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF123300.D
Acq: 25 Feb 2021 15:56

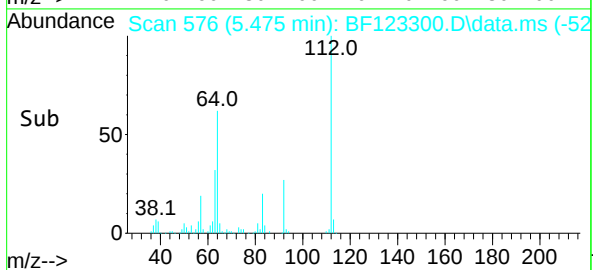
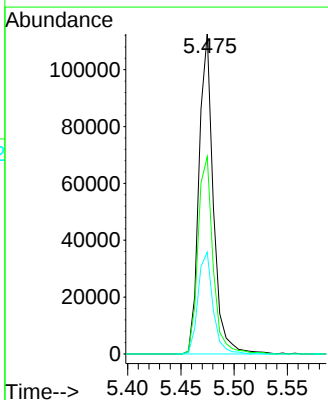
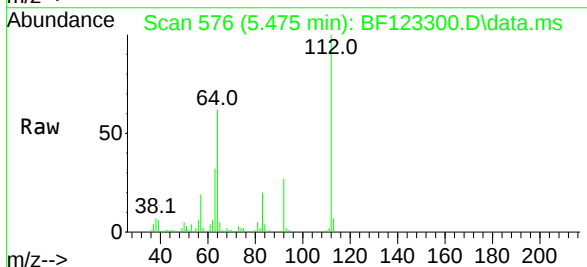
Instrument :
BNA_F
ClientSampleId :
72-11995

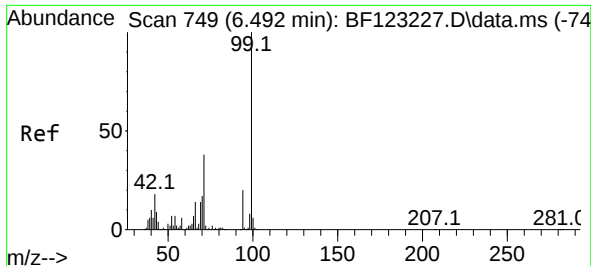
Tgt Ion:152 Resp: 110387
Ion Ratio Lower Upper
152 100
150 158.7 125.8 188.6
115 74.0 49.3 73.9#



#5
2-Fluorophenol
Concen: 13.81 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.000 min
Lab File: BF123300.D
Acq: 25 Feb 2021 15:56

Tgt Ion:112 Resp: 105897
Ion Ratio Lower Upper
112 100
64 61.6 46.9 70.3
63 31.8 24.5 36.7

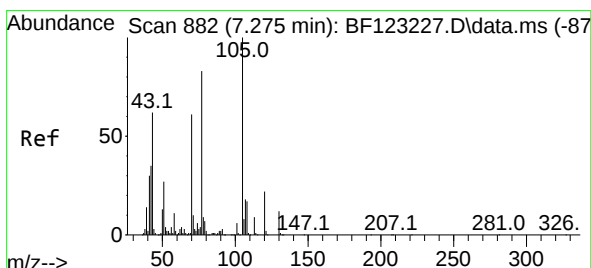
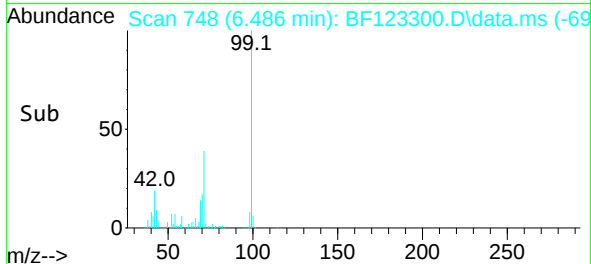
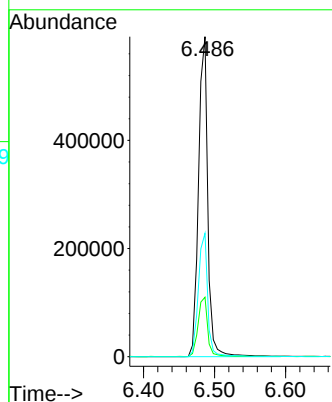
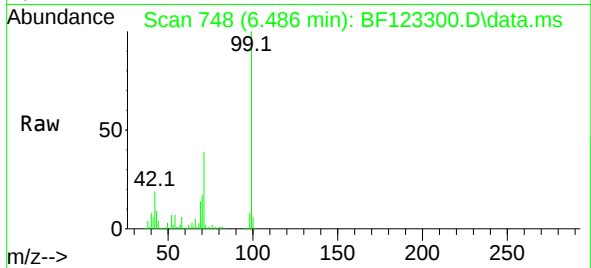




#7
Phenol-d6
Concen: 51.85 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123300.D
Acq: 25 Feb 2021 15:56

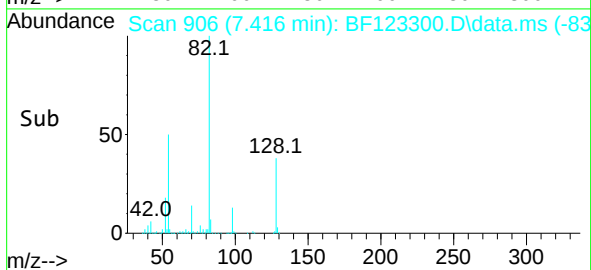
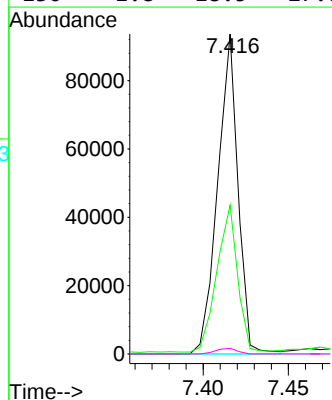
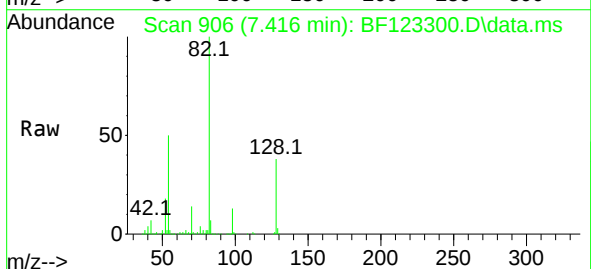
Instrument :
BNA_F
ClientSampleId :
72-11995

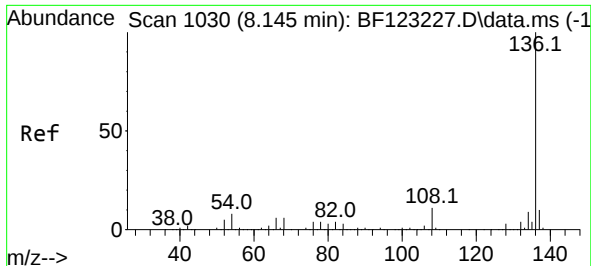
Tgt Ion:	99	Resp:	540201
Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.8	20.6
71	38.6	26.9	40.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.53 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123300.D
Acq: 25 Feb 2021 15:56

Tgt Ion:	70	Resp:	77690
Ion	Ratio	Lower	Upper
70	100		
42	46.6	43.0	64.4
101	0.0	7.9	11.9#
130	1.8	18.5	27.7#

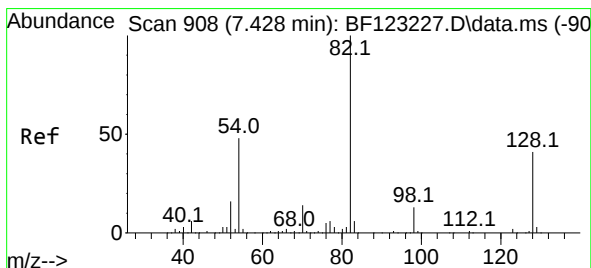
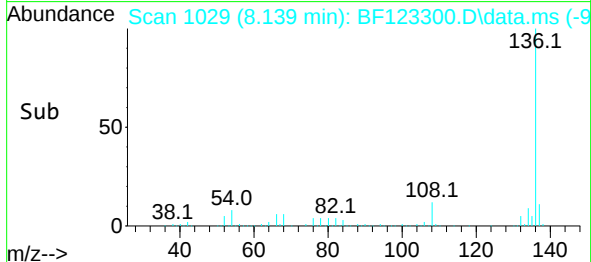
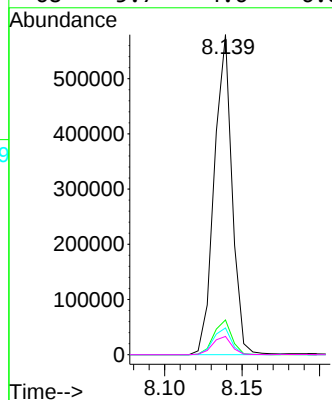
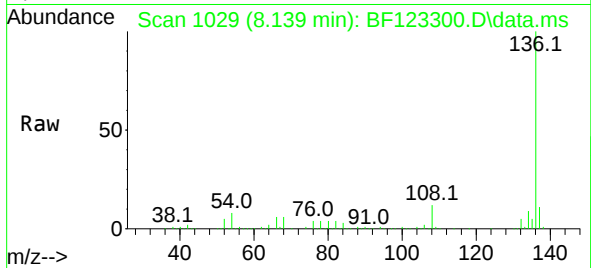




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123300.D
Acq: 25 Feb 2021 15:56

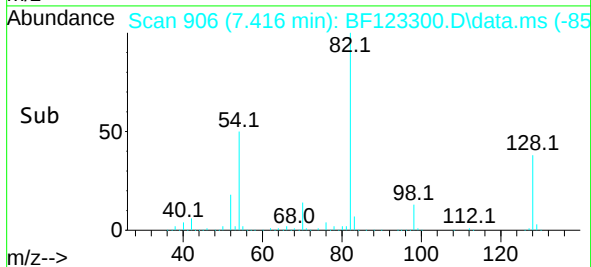
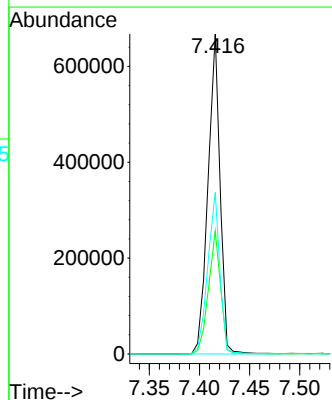
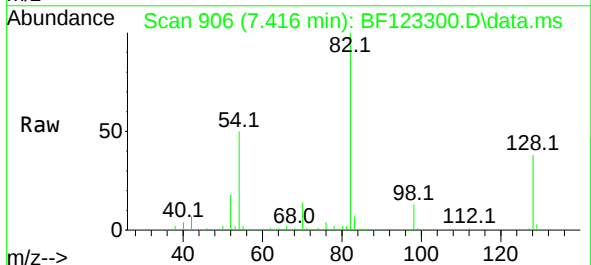
Instrument :
BNA_F
ClientSampleId :
72-11995

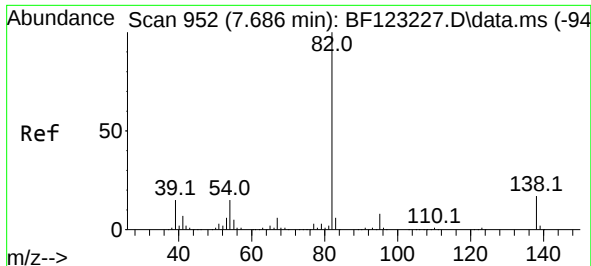
Tgt Ion:136	Resp: 462665
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 8.4	5.5 8.3#
68 5.7	4.6 6.8



#23
Nitrobenzene-d5
Concen: 55.81 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123300.D
Acq: 25 Feb 2021 15:56

Tgt Ion: 82	Resp: 564070
Ion Ratio	Lower Upper
82 100	
128 38.5	37.0 55.4
54 50.5	38.4 57.6

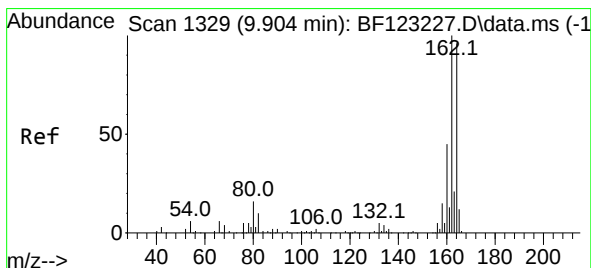
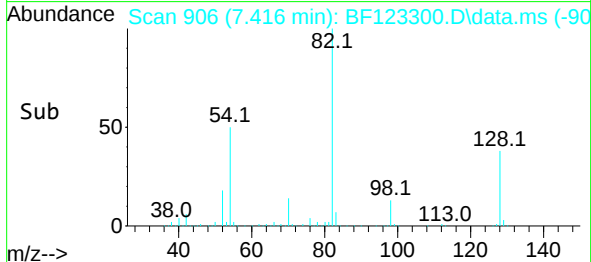
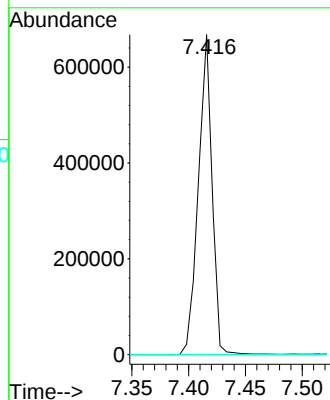
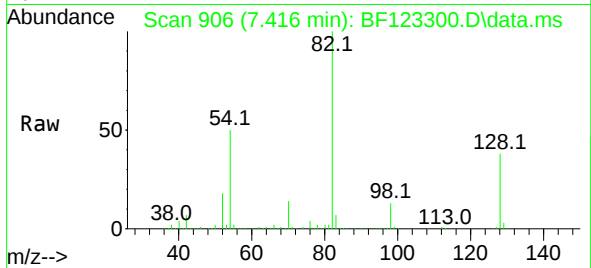




#25
Isophorone
Concen: 29.65 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF123300.D
Acq: 25 Feb 2021 15:56

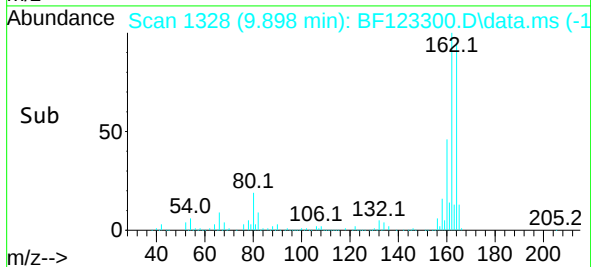
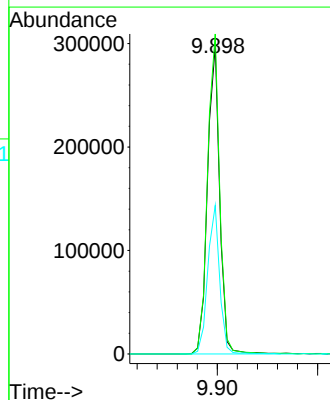
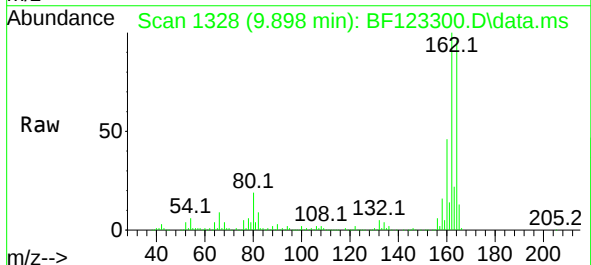
Instrument :
BNA_F
ClientSampleId :
72-11995

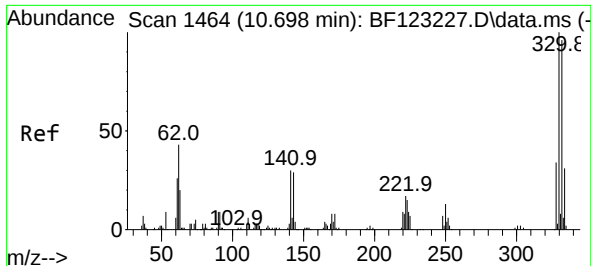
Tgt Ion: 82 Resp: 560439
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123300.D
Acq: 25 Feb 2021 15:56

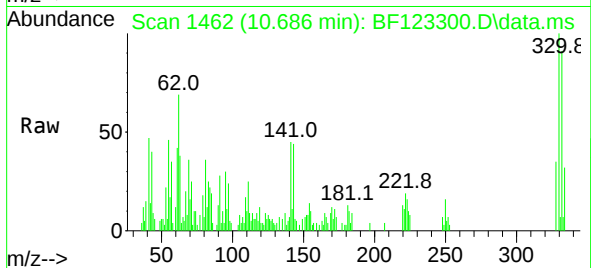
Tgt Ion: 164 Resp: 252326
Ion Ratio Lower Upper
164 100
162 104.0 80.8 121.2
160 48.3 35.4 53.0



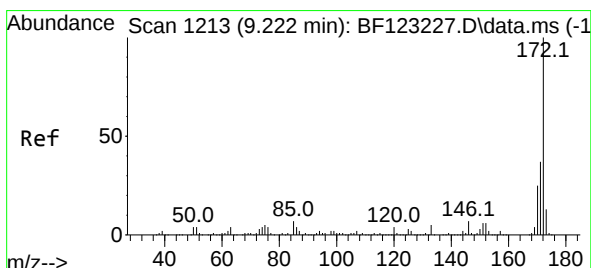
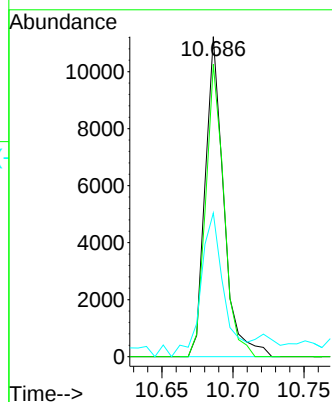
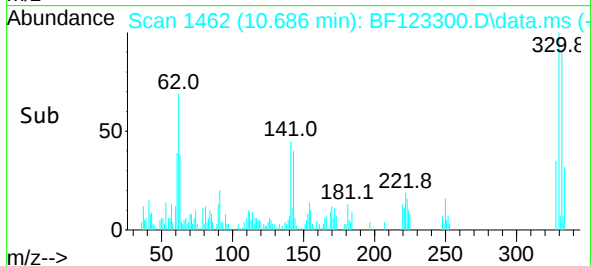


#42
2,4,6-Tribromophenol
Concen: 3.97 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123300.D
Acq: 25 Feb 2021 15:56

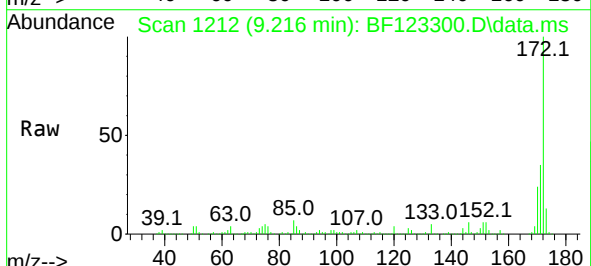
Instrument :
BNA_F
ClientSampleId :
72-11995



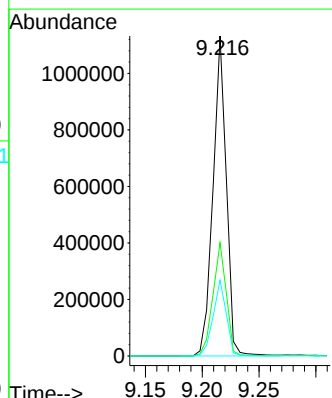
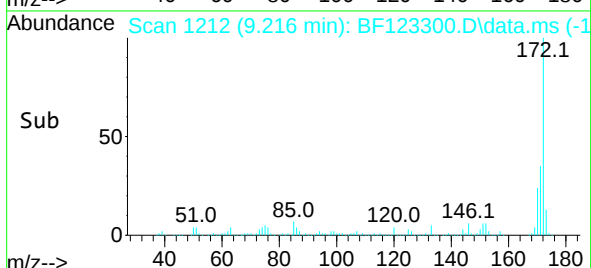
Tgt Ion: 330 Resp: 10210
Ion Ratio Lower Upper
330 100
332 90.3 77.5 116.3
141 54.8 23.8 35.8#

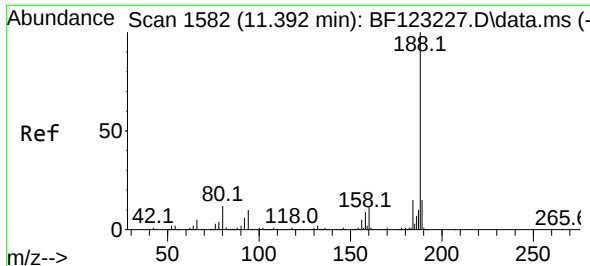


#45
2-Fluorobiphenyl
Concen: 52.53 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123300.D
Acq: 25 Feb 2021 15:56



Tgt Ion: 172 Resp: 922691
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.7 19.5 29.3

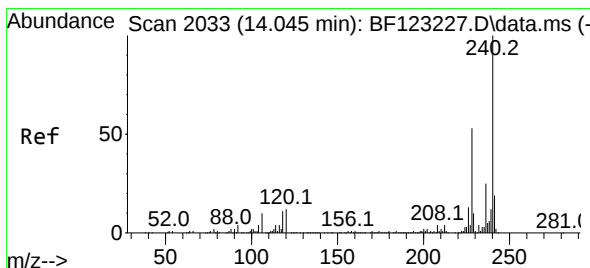
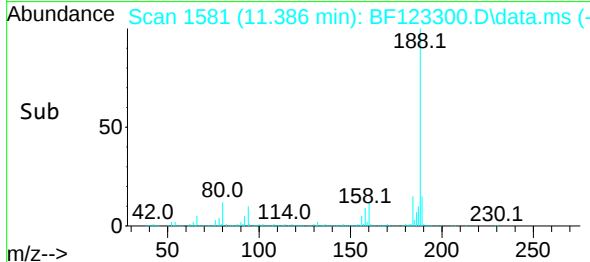
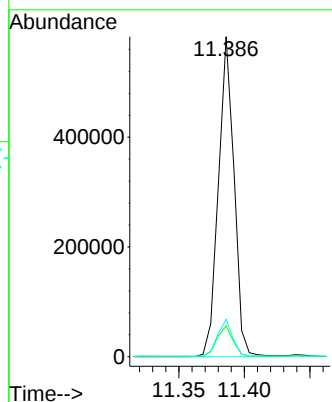
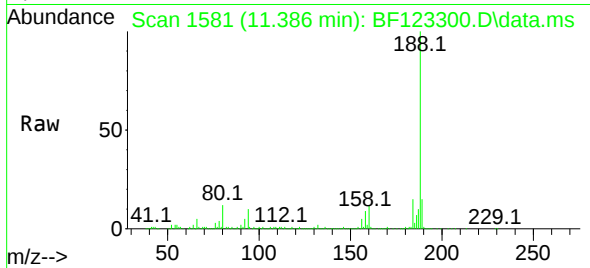




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123300.D
Acq: 25 Feb 2021 15:56

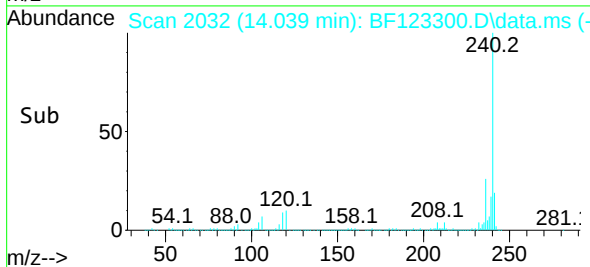
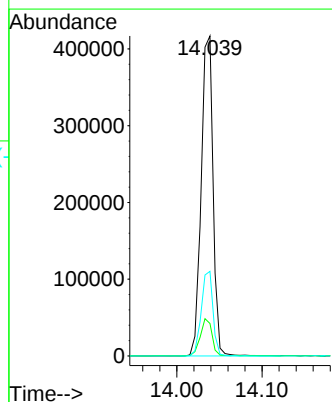
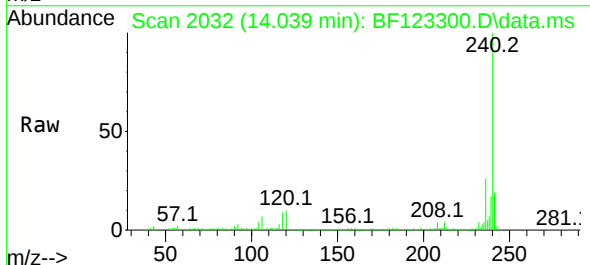
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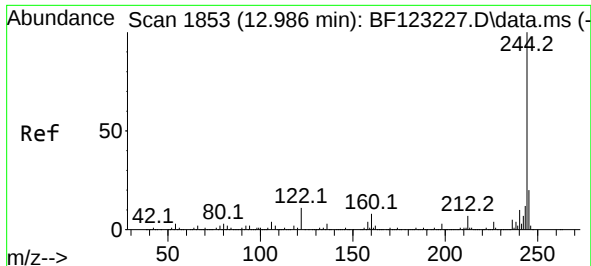
Tgt Ion:188 Resp: 483713
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 11.7 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123300.D
Acq: 25 Feb 2021 15:56

Tgt Ion:240 Resp: 403958
Ion Ratio Lower Upper
240 100
120 10.1 8.6 12.8
236 26.4 20.3 30.5

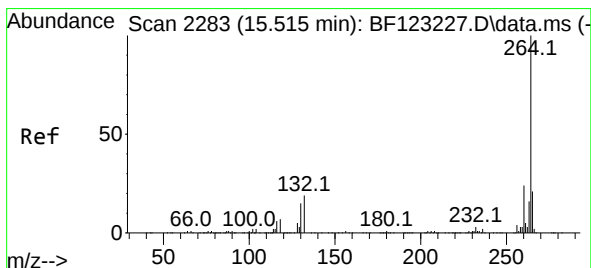
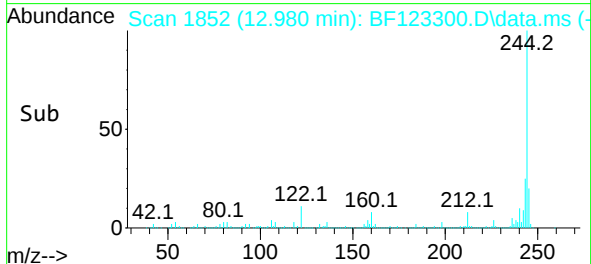
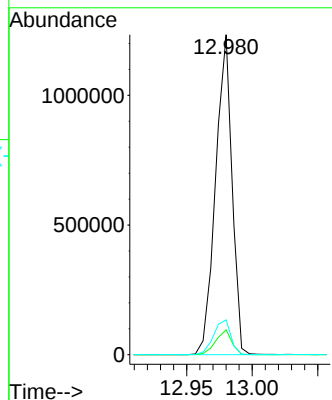
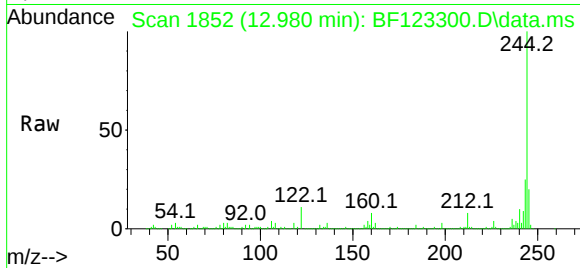




#79
 Terphenyl-d14
 Concen: 51.12 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF123300.D
 Acq: 25 Feb 2021 15:56

Instrument :
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Tgt Ion:244 Resp: 1073993
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 10.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF123300.D
 Acq: 25 Feb 2021 15:56

Tgt Ion:264 Resp: 334794
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 22.2 17.0 25.6

