

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040821\
 Data File : BE101247.D
 Acq On : 8 Apr 2021 14:33
 Operator : CG/JU
 Sample : SP5532
 Misc : 8270 SIM SURROGATE
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SP5532

Quant Time: Apr 08 15:23:58 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:22:45 2021
 Response via : Initial Calibration

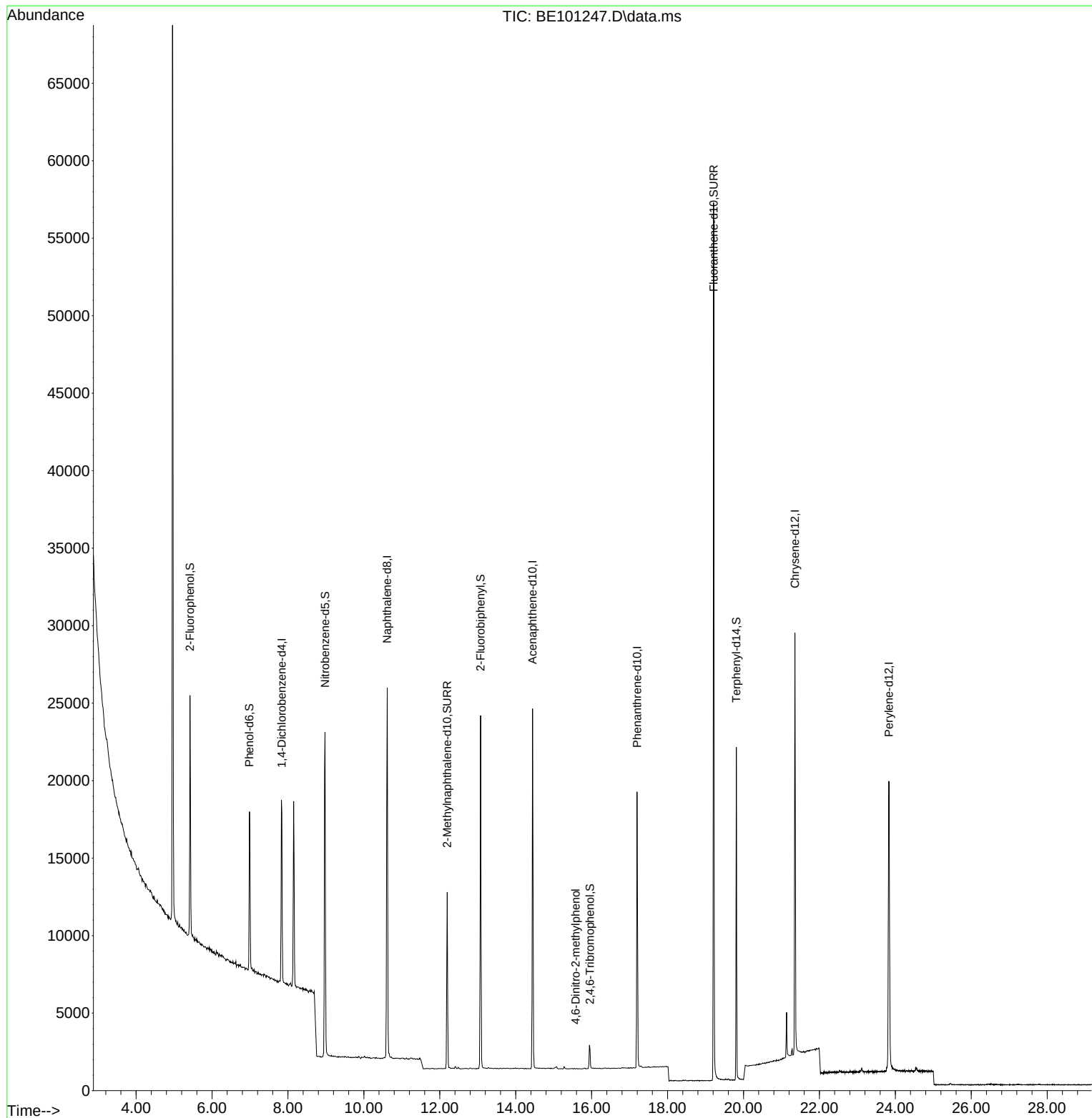
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	5980	0.40	ng	0.00
7) Naphthalene-d8	10.614	136	25008	0.40	ng	0.00
13) Acenaphthene-d10	14.443	164	13858	0.40	ng	0.00
19) Phenanthrene-d10	17.196	188	24692	0.40	ng	#-0.01
29) Chrysene-d12	21.354	240	26702	0.40	ng	# 0.00
36) Perylene-d12	23.830	264	29316	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.421	112	6920	0.49	ng	0.00
5) Phenol-d6	6.987	99	9244	0.42	ng	0.00
8) Nitrobenzene-d5	8.977	82	8419	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.195	152	13663	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	996	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.074	172	19600	0.39	ng	0.00
27) Fluoranthene-d10	19.213	212	74351	0.17	ng	0.00
31) Terphenyl-d14	19.811	244	18000	0.25	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.578	198	9	0.06	ng	# 1

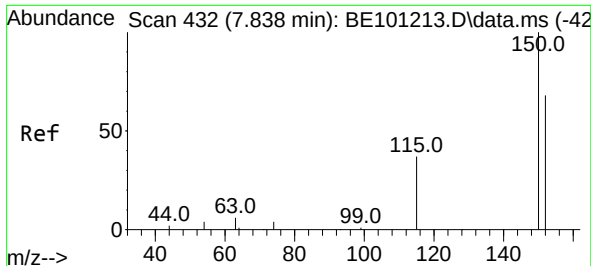
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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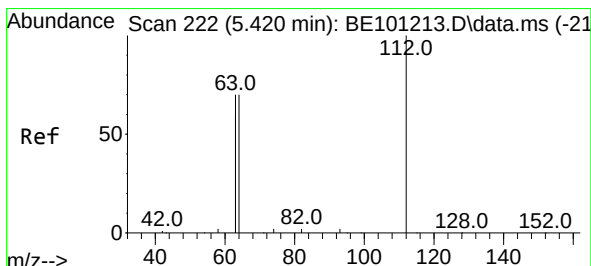
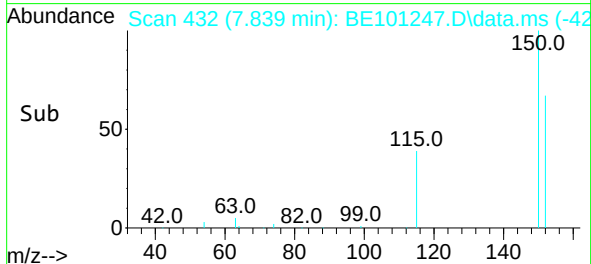
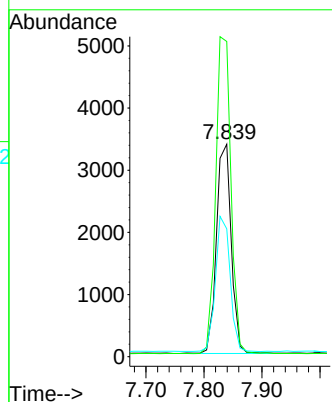
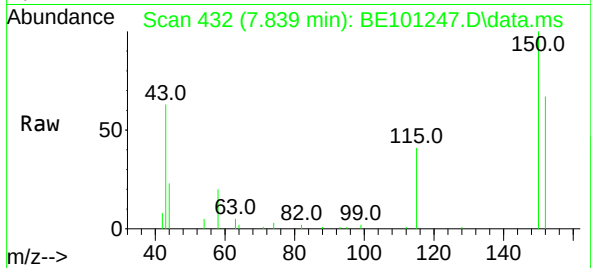




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.839 min Scan# 432
Delta R.T. 0.009 min
Lab File: BE101247.D
Acq: 8 Apr 2021 14:33

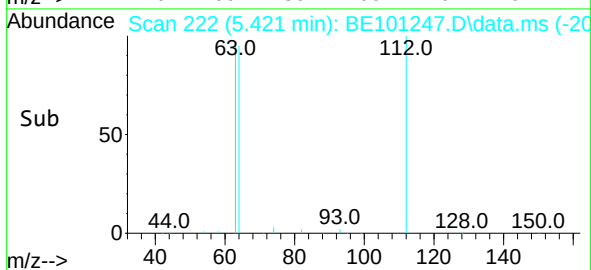
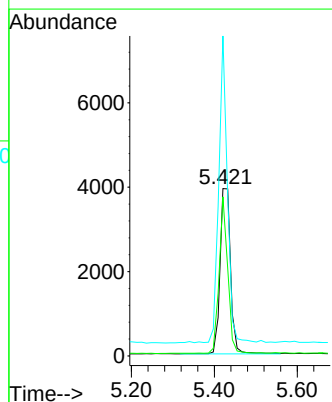
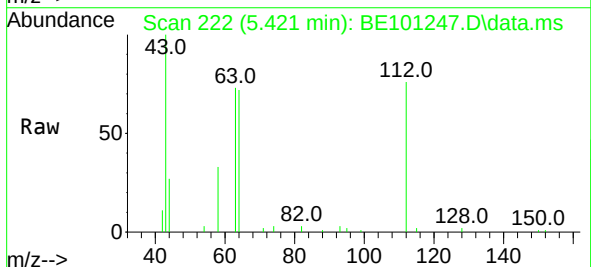
Instrument :
BNA_E
ClientSampleId :
SP5532

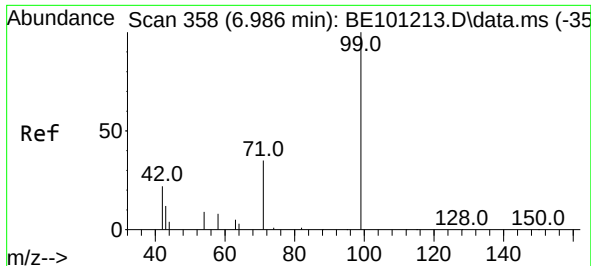
Tgt Ion:152 Resp: 5980
Ion Ratio Lower Upper
152 100
150 148.3 116.9 175.3
115 60.2 44.5 66.7



#4
2-Fluorophenol
Concen: 0.49 ng
RT: 5.421 min Scan# 222
Delta R.T. -0.002 min
Lab File: BE101247.D
Acq: 8 Apr 2021 14:33

Tgt Ion:112 Resp: 6920
Ion Ratio Lower Upper
112 100
64 77.3 62.3 93.5
63 150.5 117.3 175.9

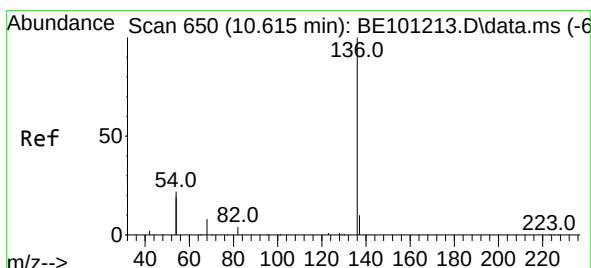
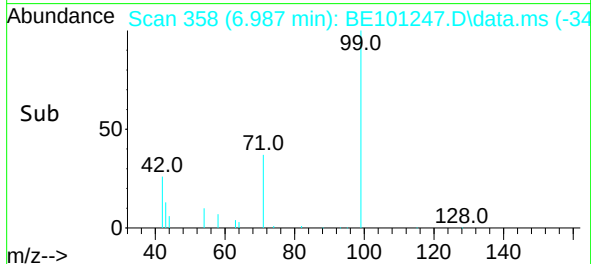
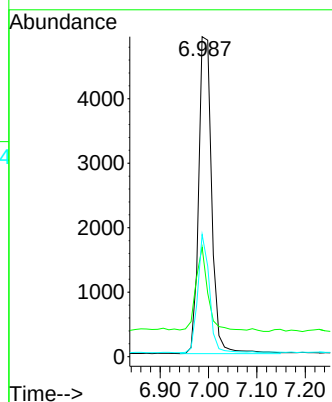
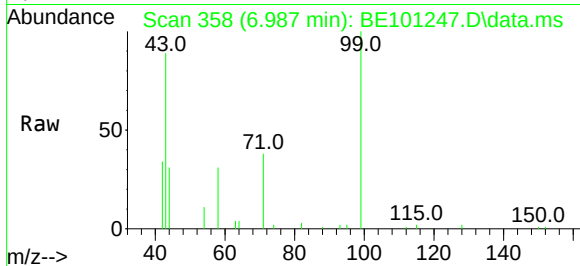




#5
Phenol-d6
Concen: 0.42 ng
RT: 6.987 min Scan# 358
Delta R.T. -0.002 min
Lab File: BE101247.D
Acq: 8 Apr 2021 14:33

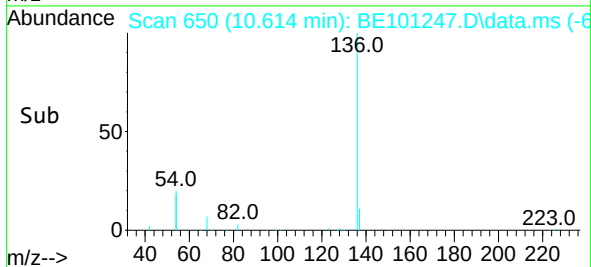
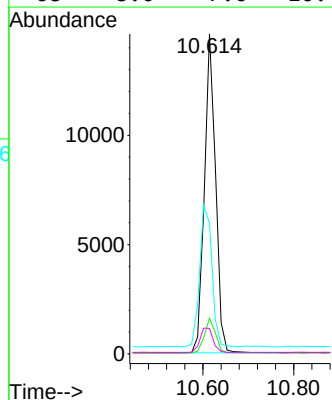
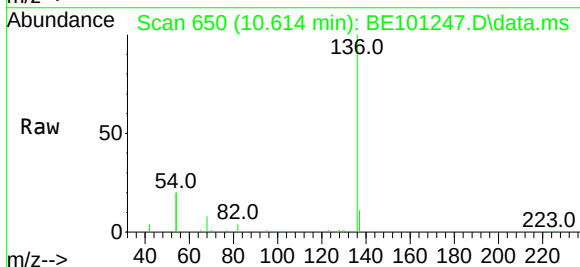
Instrument :
BNA_E
ClientSampleId :
SP5532

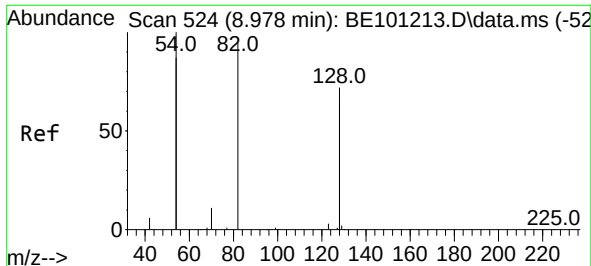
Tgt Ion: 99 Resp: 9244
Ion Ratio Lower Upper
99 100
42 23.3 18.5 27.7
71 33.7 26.5 39.7



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. -0.000 min
Lab File: BE101247.D
Acq: 8 Apr 2021 14:33

Tgt Ion: 136 Resp: 25008
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 40.8 34.7 52.1
68 8.0 7.0 10.4

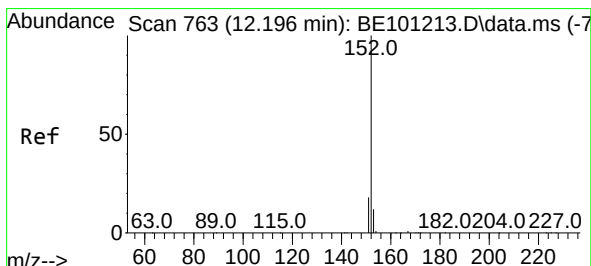
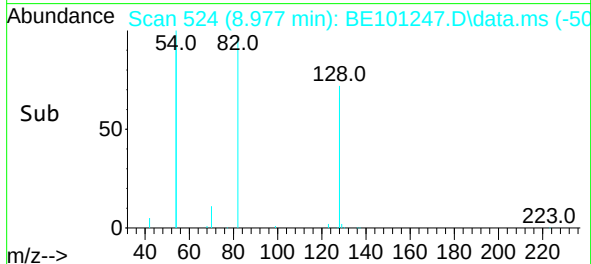
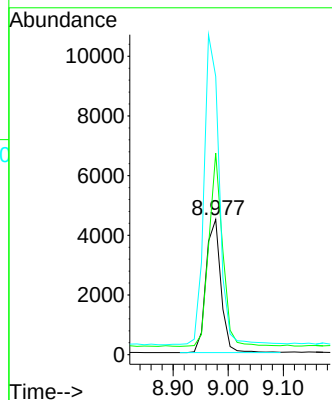
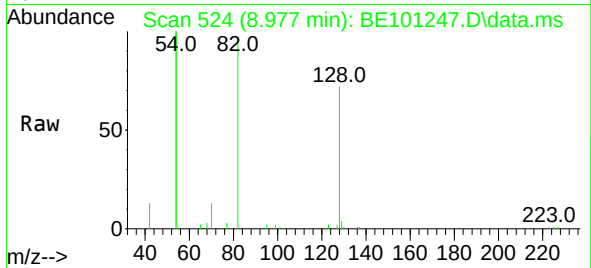




#8
Nitrobenzene-d5
Concen: 0.45 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.000 min
Lab File: BE101247.D
Acq: 8 Apr 2021 14:33

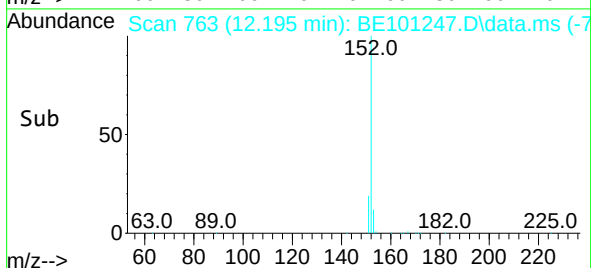
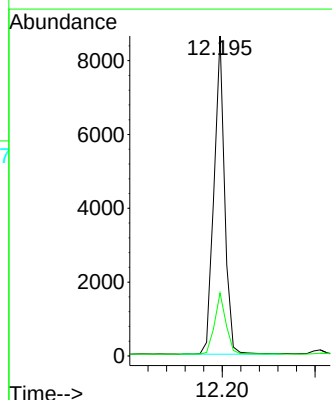
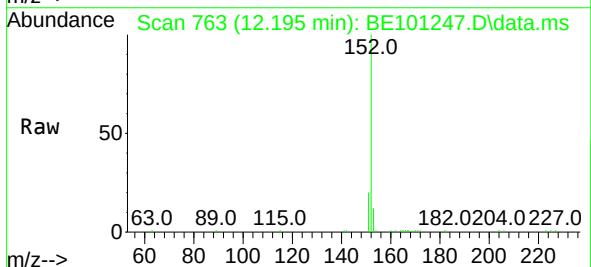
Instrument :
BNA_E
ClientSampleId :
SP5532

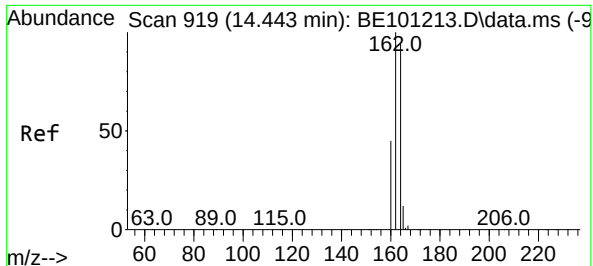
Tgt Ion: 82 Resp: 8419
Ion Ratio Lower Upper
82 100
128 149.0 118.7 178.1
54 205.7 164.4 246.6



#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 12.195 min Scan# 763
Delta R.T. -0.001 min
Lab File: BE101247.D
Acq: 8 Apr 2021 14:33

Tgt Ion: 152 Resp: 13663
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7

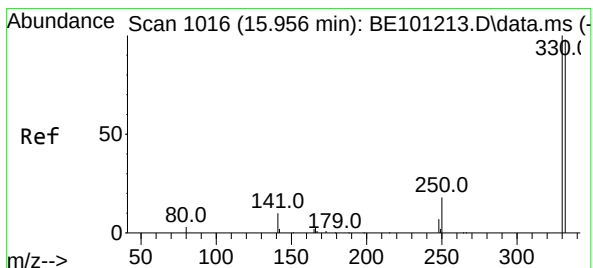
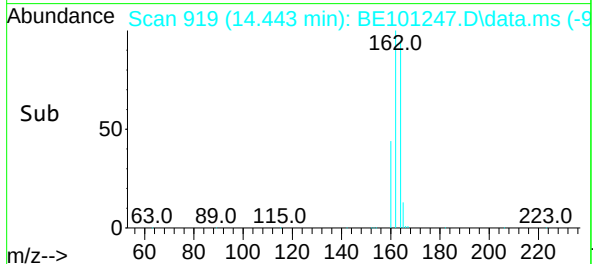
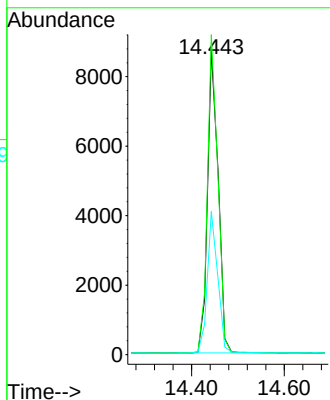
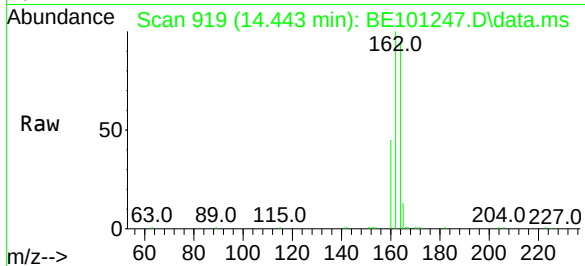




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.443 min Scan# 919
Delta R.T. -0.001 min
Lab File: BE101247.D
Acq: 8 Apr 2021 14:33

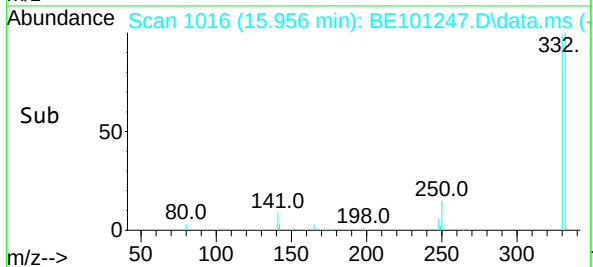
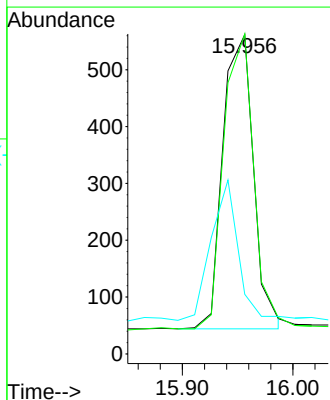
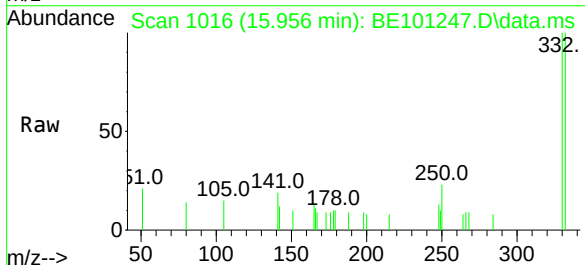
Instrument :
BNA_E
ClientSampleId :
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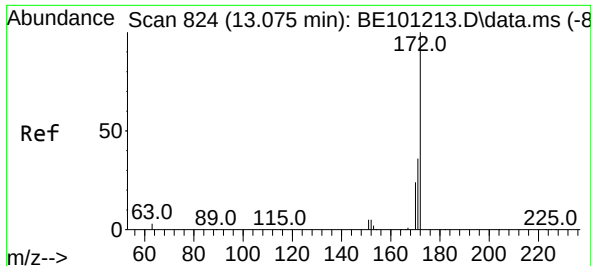
Tgt Ion:164 Resp: 13858
Ion Ratio Lower Upper
164 100
162 105.4 85.3 127.9
160 47.1 39.1 58.7



#14
2,4,6-Tribromophenol
Concen: 0.27 ng
RT: 15.956 min Scan# 1016
Delta R.T. 0.001 min
Lab File: BE101247.D
Acq: 8 Apr 2021 14:33

Tgt Ion:330 Resp: 996
Ion Ratio Lower Upper
330 100
332 98.4 77.8 116.6
141 41.6 30.4 45.6

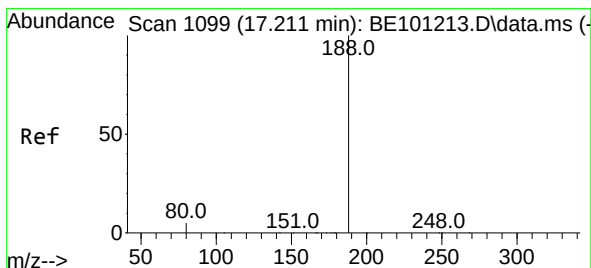
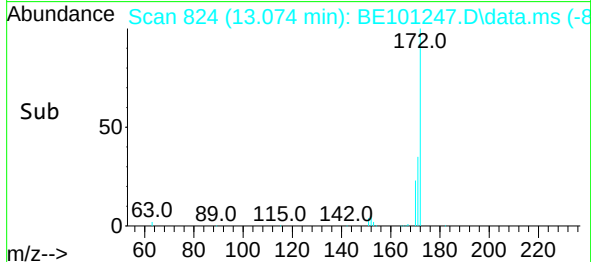
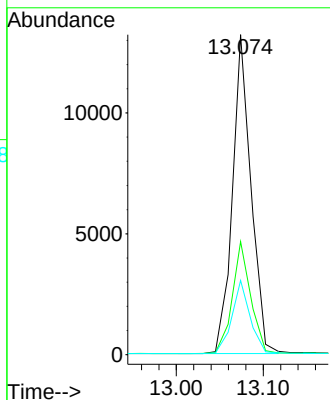
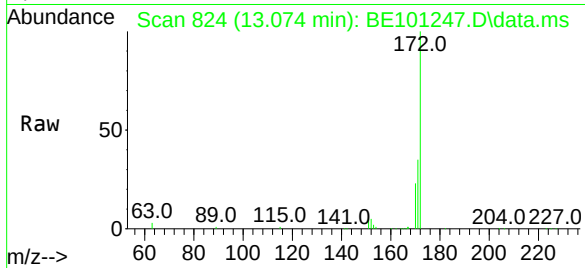




#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.074 min Scan# 824
Delta R.T. -0.001 min
Lab File: BE101247.D
Acq: 8 Apr 2021 14:33

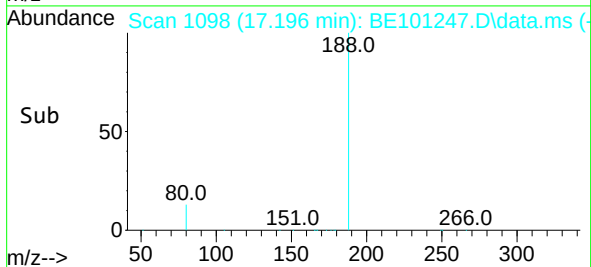
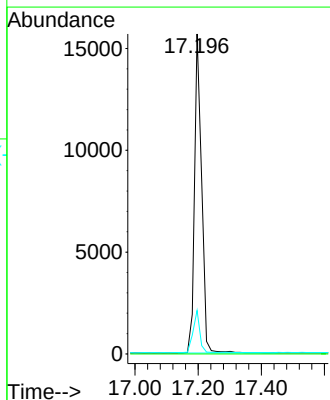
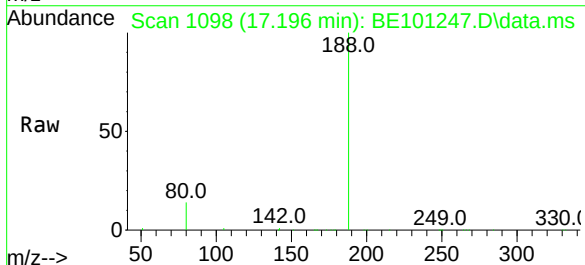
Instrument :
BNA_E
ClientSampleId :
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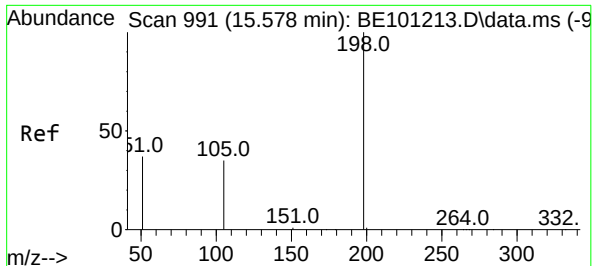
Tgt Ion:172	Resp:	19600
Ion Ratio	Lower	Upper
172	100	
171	35.4	28.7 43.1
170	23.2	19.3 28.9



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.196 min Scan# 1098
Delta R.T. -0.014 min
Lab File: BE101247.D
Acq: 8 Apr 2021 14:33

Tgt Ion:188	Resp:	24692
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	13.6	4.6 6.8

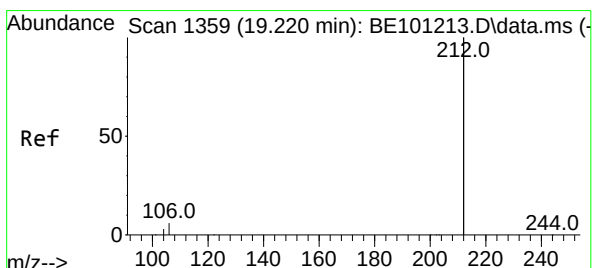
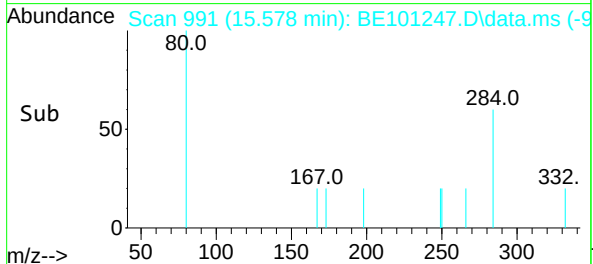
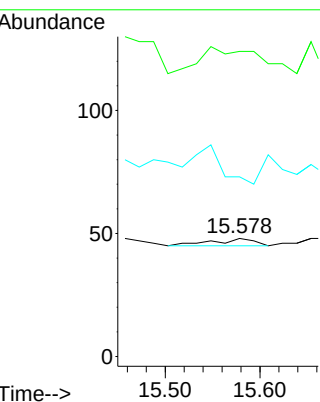
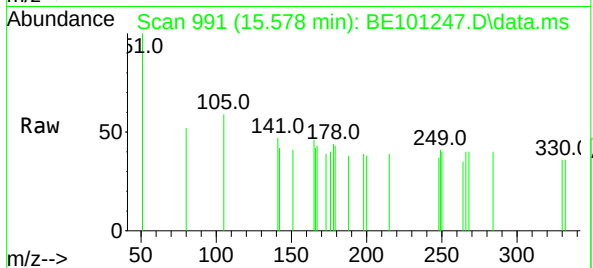




#20
4,6-Dinitro-2-methylphenol
Concen: 0.06 ng
RT: 15.578 min Scan# 991
Delta R.T. 0.001 min
Lab File: BE101247.D
Acq: 8 Apr 2021 14:33

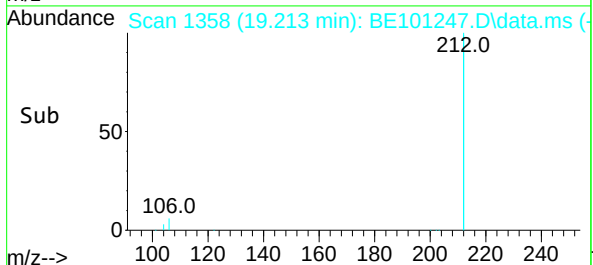
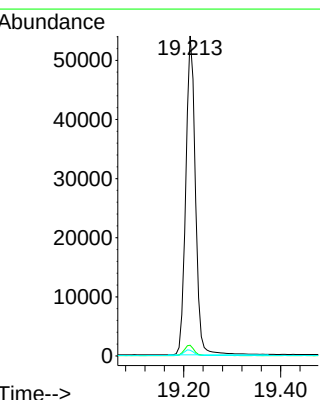
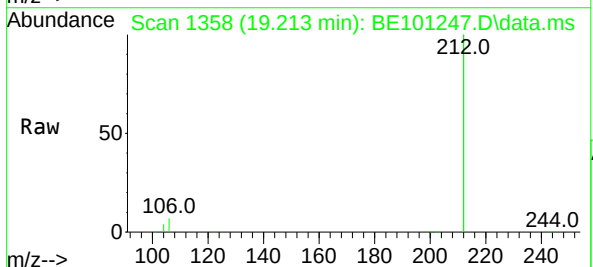
Instrument :
BNA_E
ClientSampled :
SP5532

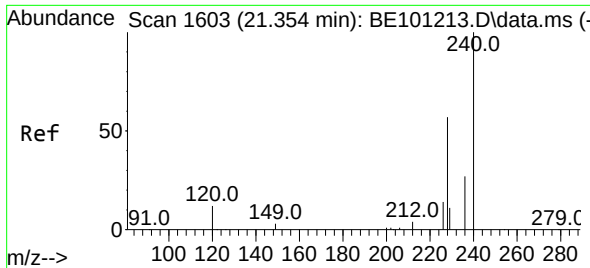
Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
51 258.3 55.9 83.9#
105 152.1 33.6 50.4#



#27
Fluoranthene-d10
Concen: 0.17 ng
RT: 19.213 min Scan# 1358
Delta R.T. -0.001 min
Lab File: BE101247.D
Acq: 8 Apr 2021 14:33

Tgt Ion:212 Resp: 74351
Ion Ratio Lower Upper
212 100
106 3.3 2.6 4.0
104 1.8 1.4 2.2

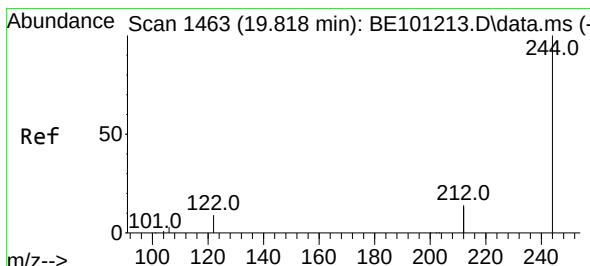
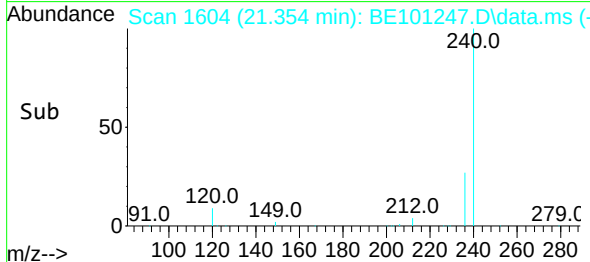
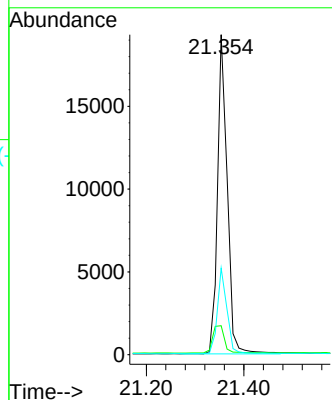
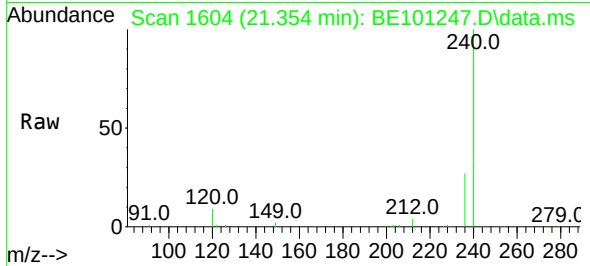




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.354 min Scan# 1604
Delta R.T. -0.001 min
Lab File: BE101247.D
Acq: 8 Apr 2021 14:33

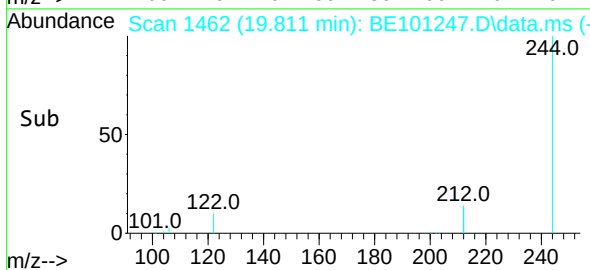
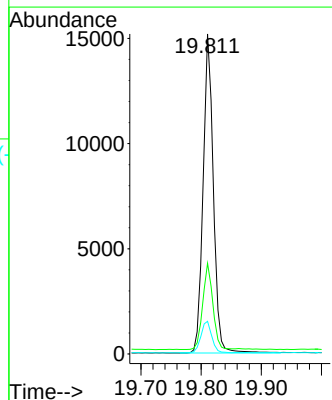
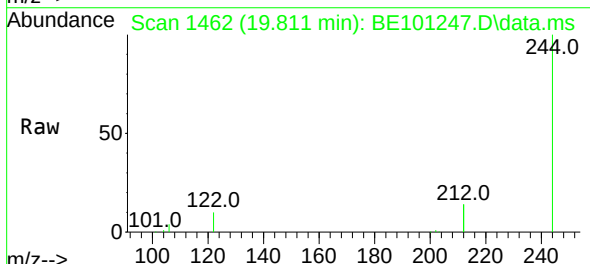
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SP5532

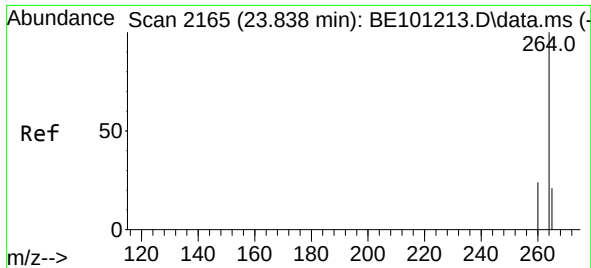
Tgt Ion:240 Resp: 26702
Ion Ratio Lower Upper
240 100
120 9.0 10.2 15.4#
236 27.1 21.7 32.5



#31
Terphenyl-d14
Concen: 0.25 ng
RT: 19.811 min Scan# 1462
Delta R.T. -0.001 min
Lab File: BE101247.D
Acq: 8 Apr 2021 14:33

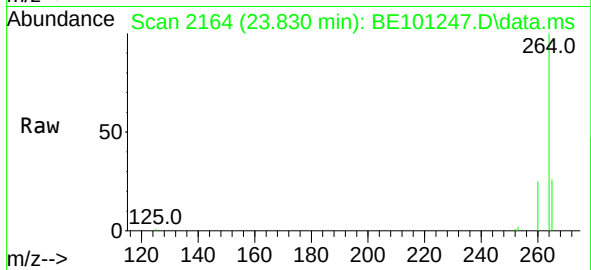
Tgt Ion:244 Resp: 18000
Ion Ratio Lower Upper
244 100
212 28.3 21.9 32.9
122 10.2 7.3 10.9





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.830 min Scan# 2164
 Delta R.T. -0.004 min
 Lab File: BE101247.D
 Acq: 8 Apr 2021 14:33

Instrument :
 BNA_E
 ClientSampleId :
 SP5532



Tgt Ion:	264	Resp:	29316
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.3	28.9
265	26.3	22.4	33.6

