

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040821\
 Data File : BE101241.D
 Acq On : 8 Apr 2021 10:43
 Operator : CG/JU
 Sample : SP5532
 Misc : 8270 SIM SURROGATE
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SP5532

Quant Time: Apr 08 11:35:31 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	6359	0.40	ng	0.00
7) Naphthalene-d8	10.614	136	25989	0.40	ng	0.00
13) Acenaphthene-d10	14.442	164	13685	0.40	ng	0.00
19) Phenanthrene-d10	17.196	188	24312	0.40	ng	#-0.01
29) Chrysene-d12	21.355	240	24686	0.40	ng	# 0.00
36) Perylene-d12	23.833	264	27329	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.432	112	6457	0.43	ng	0.00
5) Phenol-d6	6.987	99	8392	0.36	ng	0.00
8) Nitrobenzene-d5	8.977	82	7466	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.194	152	13464	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	764	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.073	172	19549	0.40	ng	0.00
27) Fluoranthene-d10	19.215	212	70063	0.17	ng	0.00
31) Terphenyl-d14	19.813	244	16662	0.25	ng	0.00

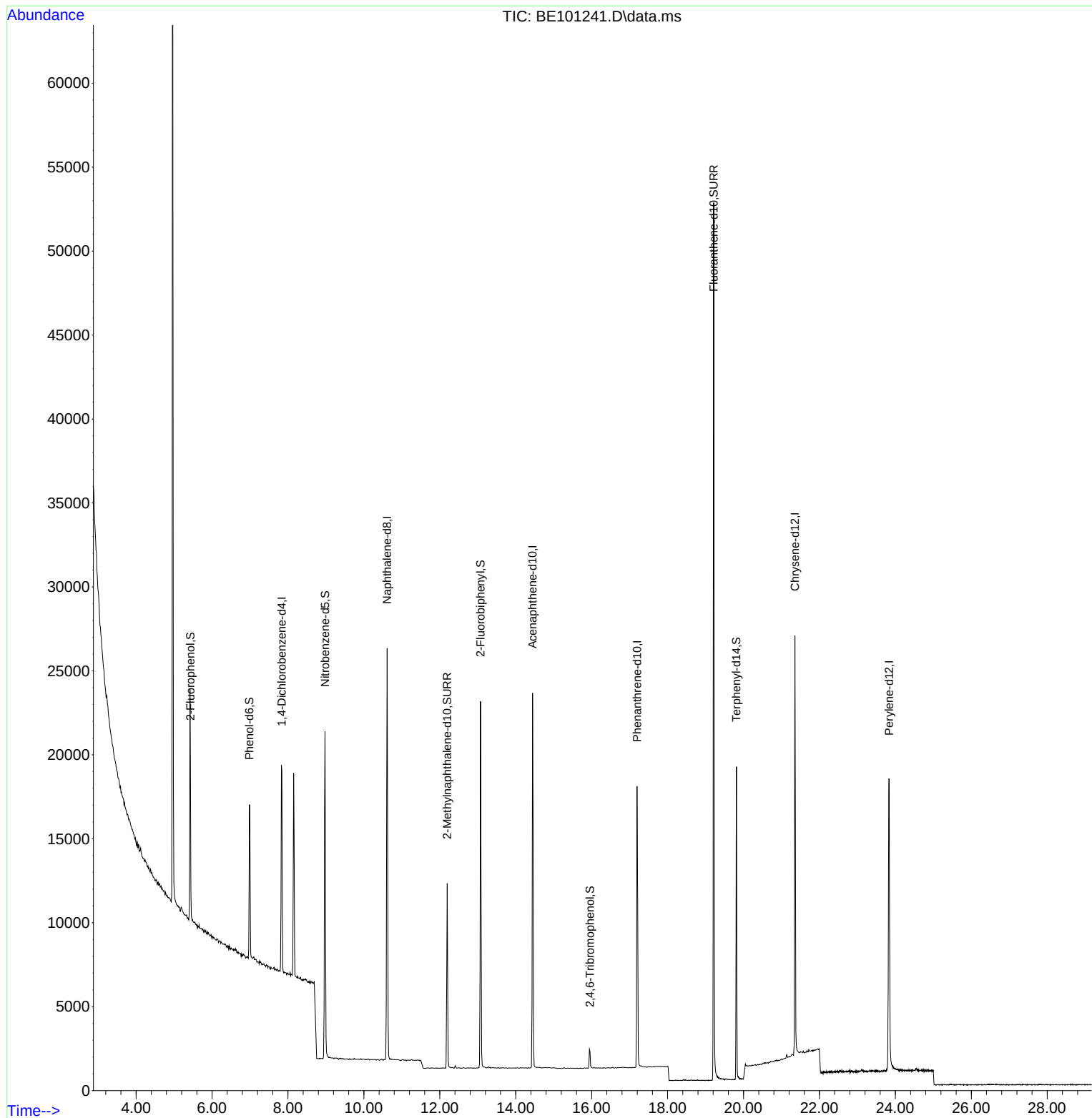
Target Compounds	Qvalue
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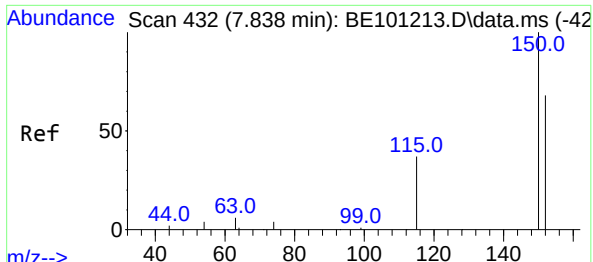
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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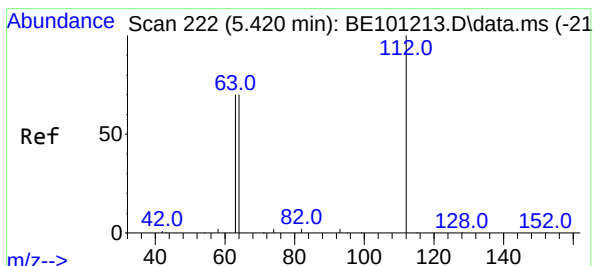
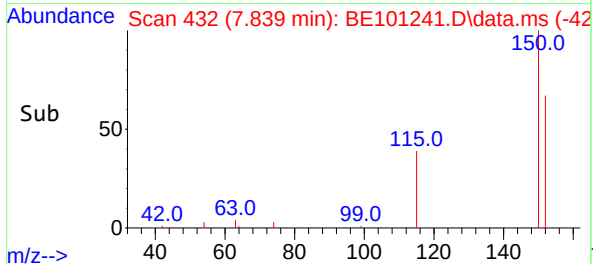
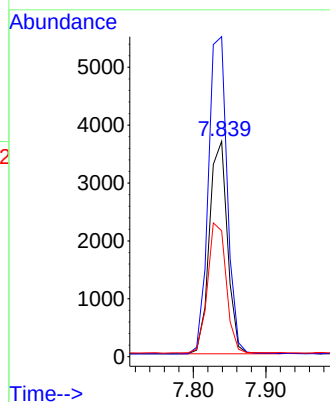
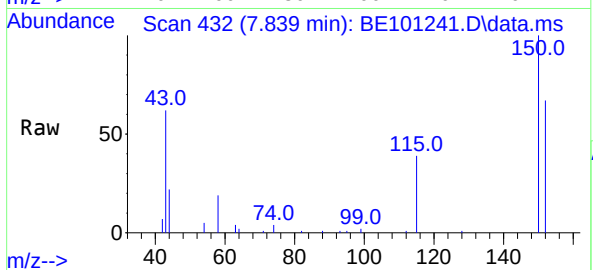




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.839 min Scan# 432
Delta R.T. 0.009 min
Lab File: BE101241.D
Acq: 8 Apr 2021 10:43

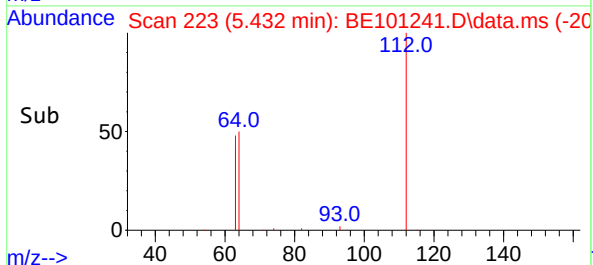
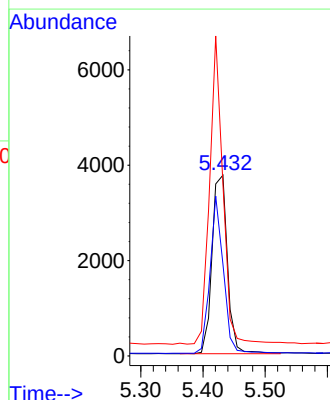
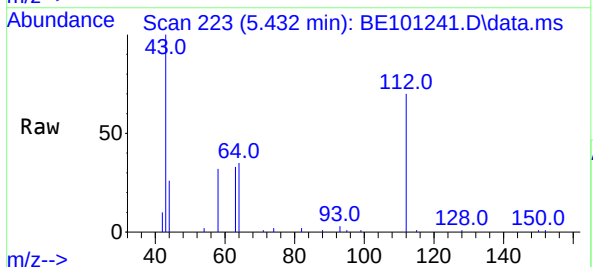
Instrument :
BNA_E
ClientSampleId :
SP5532

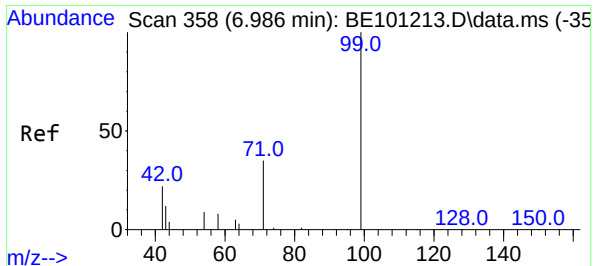
Tgt Ion:152 Resp: 6359
Ion Ratio Lower Upper
152 100
150 148.6 116.9 175.3
115 58.5 44.5 66.7



#4
2-Fluorophenol
Concen: 0.43 ng
RT: 5.432 min Scan# 223
Delta R.T. 0.009 min
Lab File: BE101241.D
Acq: 8 Apr 2021 10:43

Tgt Ion:112 Resp: 6457
Ion Ratio Lower Upper
112 100
64 76.3 62.3 93.5
63 149.8 117.3 175.9

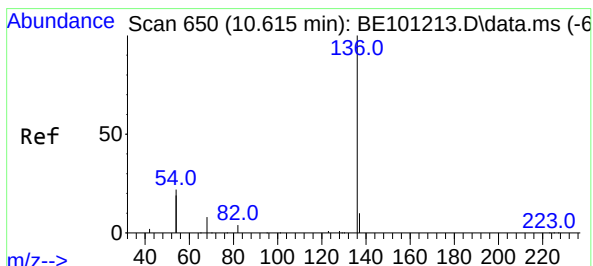
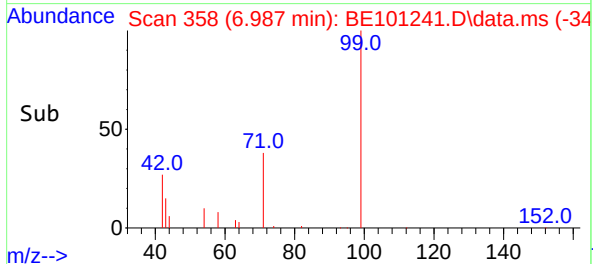
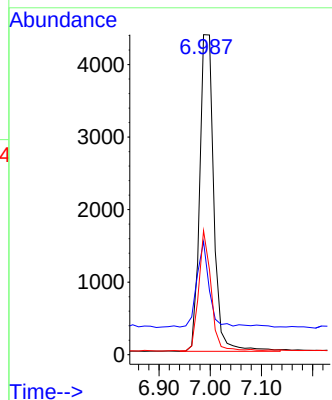
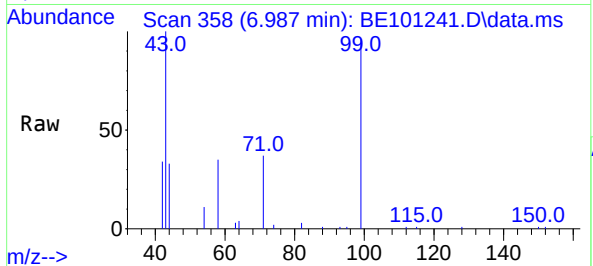




#5
Phenol-d6
Concen: 0.36 ng
RT: 6.987 min Scan# 358
Delta R.T. -0.002 min
Lab File: BE101241.D
Acq: 8 Apr 2021 10:43

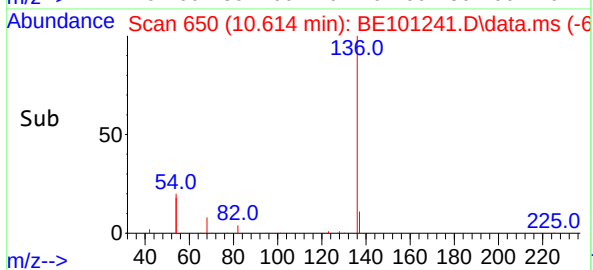
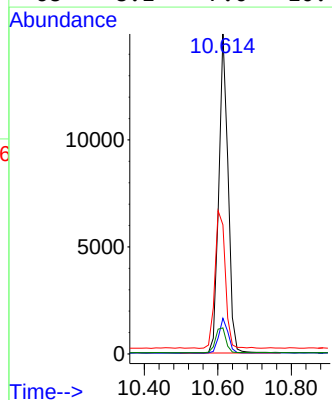
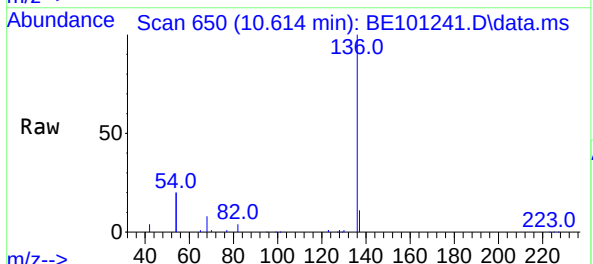
Instrument :
BNA_E
ClientSampleId :
SP5532

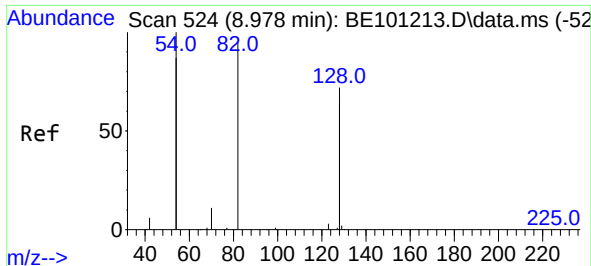
Tgt Ion: 99 Resp: 8392
Ion Ratio Lower Upper
99 100
42 23.2 18.5 27.7
71 33.0 26.5 39.7



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. -0.001 min
Lab File: BE101241.D
Acq: 8 Apr 2021 10:43

Tgt Ion: 136 Resp: 25989
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 40.4 34.7 52.1
68 8.1 7.0 10.4

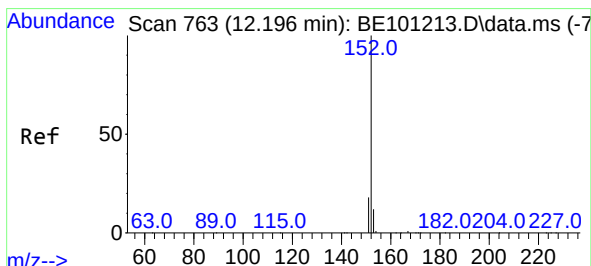
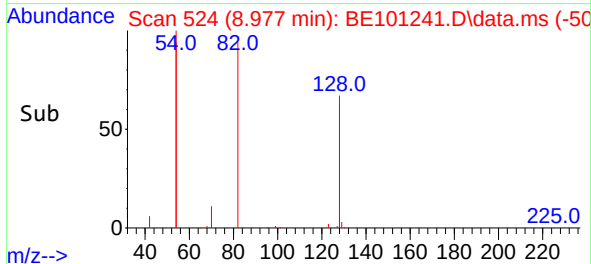
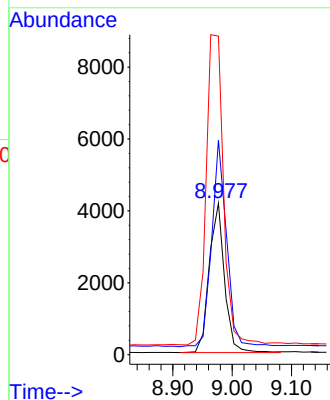
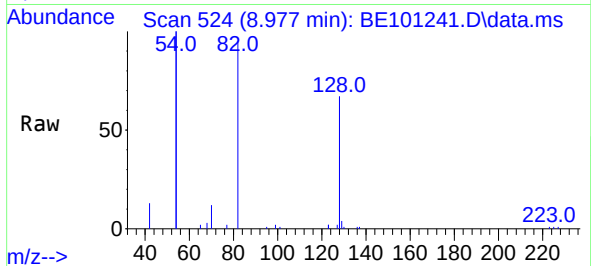




#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.001 min
Lab File: BE101241.D
Acq: 8 Apr 2021 10:43

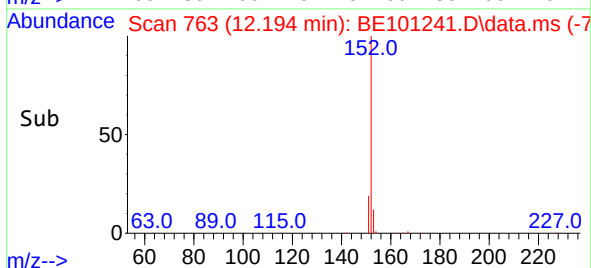
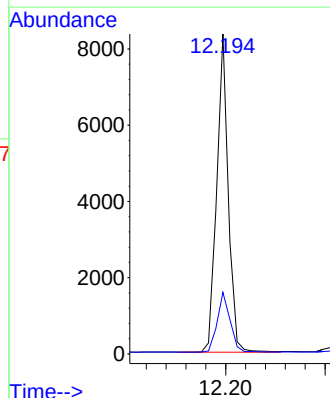
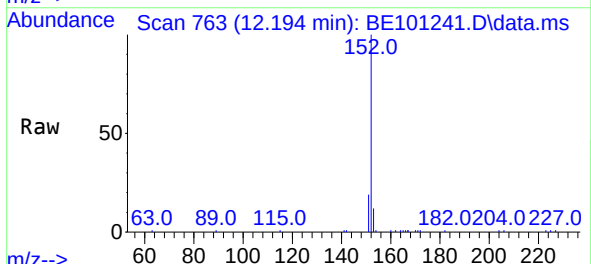
Instrument :
BNA_E
ClientSampleId :
SP5532

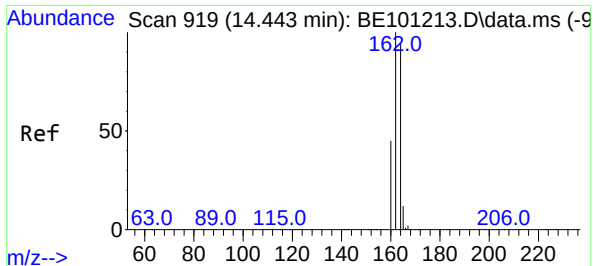
Tgt Ion: 82 Resp: 7466
Ion Ratio Lower Upper
82 100
128 141.6 118.7 178.1
54 210.2 164.4 246.6



#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 12.194 min Scan# 763
Delta R.T. -0.002 min
Lab File: BE101241.D
Acq: 8 Apr 2021 10:43

Tgt Ion: 152 Resp: 13464
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7



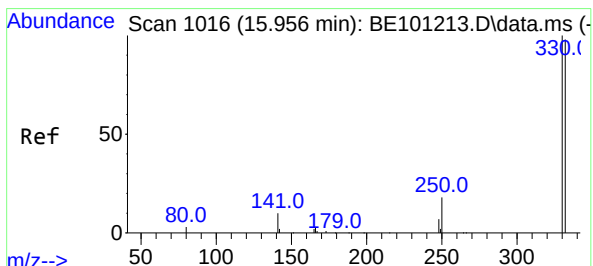
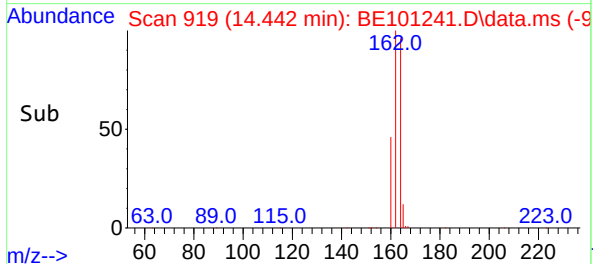
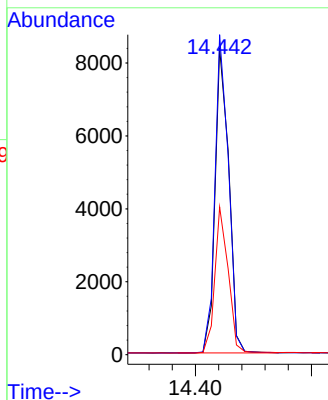
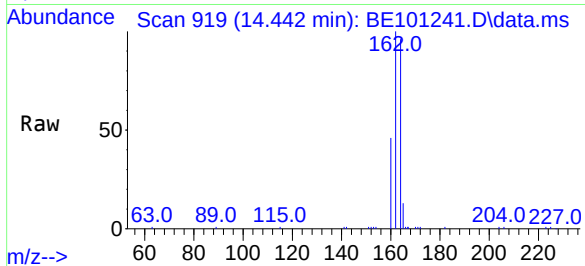


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.442 min Scan# 919
Delta R.T. -0.002 min
Lab File: BE101241.D
Acq: 8 Apr 2021 10:43

Instrument :
BNA_E
ClientSampleId :
SP5532

Tgt Ion:164 Resp: 13685

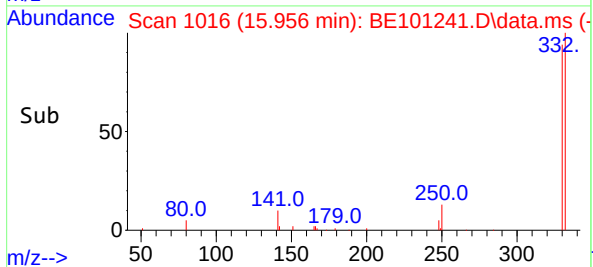
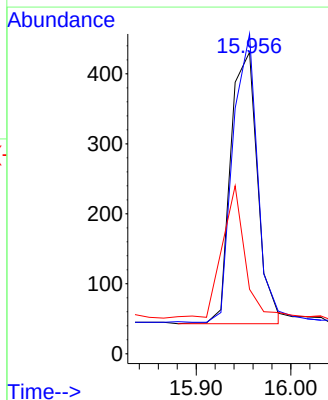
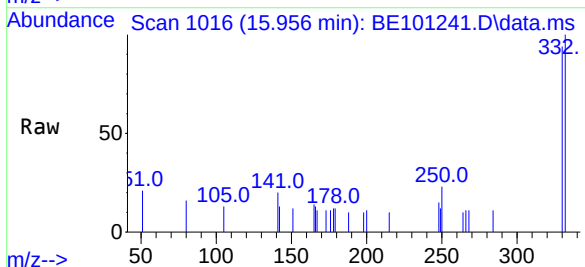
Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.3	127.9
160	48.2	39.1	58.7

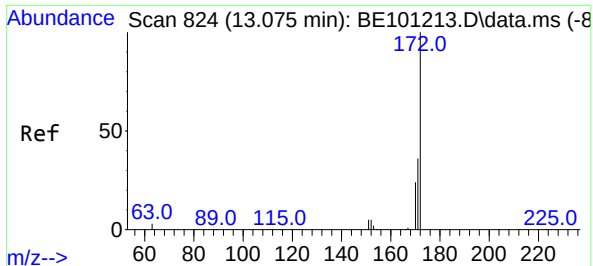


#14
2,4,6-Tribromophenol
Concen: 0.21 ng
RT: 15.956 min Scan# 1016
Delta R.T. 0.001 min
Lab File: BE101241.D
Acq: 8 Apr 2021 10:43

Tgt Ion:330 Resp: 764

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.8	116.6
141	39.4	30.4	45.6



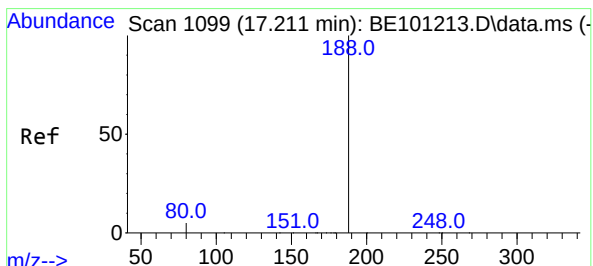
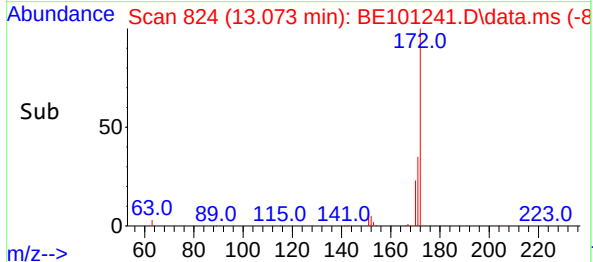
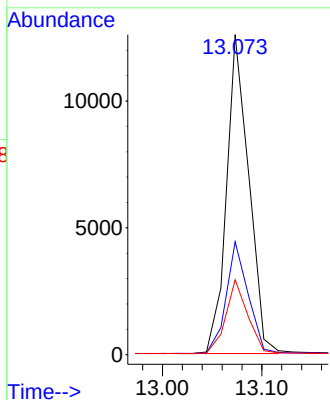
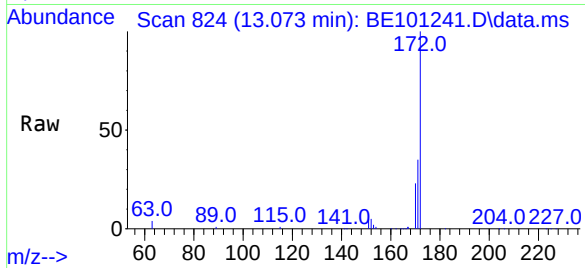


#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.073 min Scan# 824
Delta R.T. -0.002 min
Lab File: BE101241.D
Acq: 8 Apr 2021 10:43

Instrument :
BNA_E
ClientSampleId :
SP5532

Tgt Ion:172 Resp: 19549

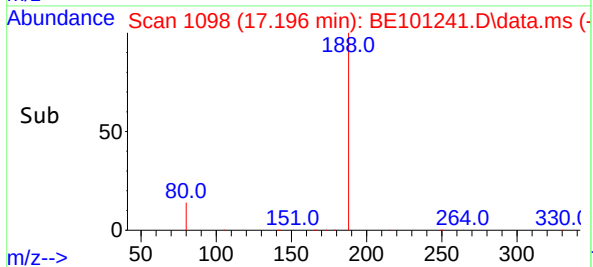
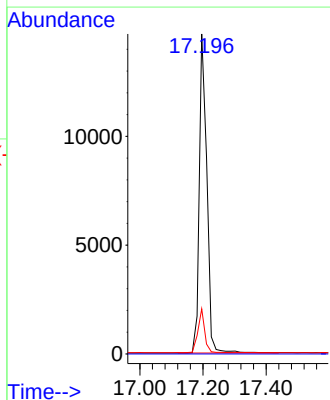
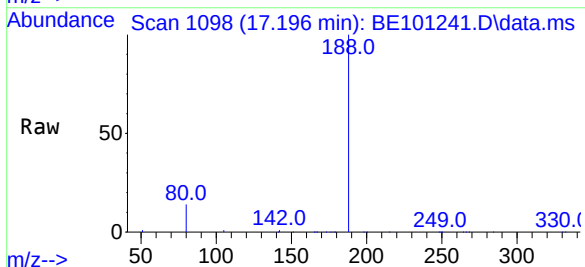
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.7	43.1
170	23.4	19.3	28.9

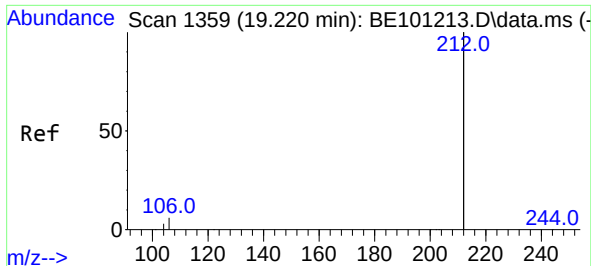


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.196 min Scan# 1098
Delta R.T. -0.014 min
Lab File: BE101241.D
Acq: 8 Apr 2021 10:43

Tgt Ion:188 Resp: 24312

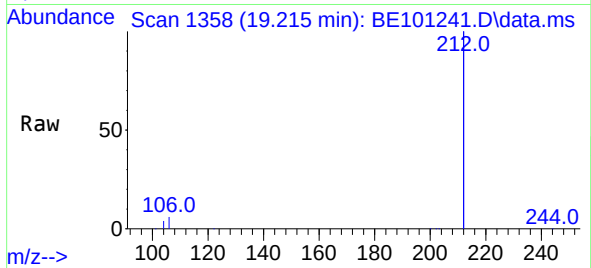
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.1	4.6	6.8



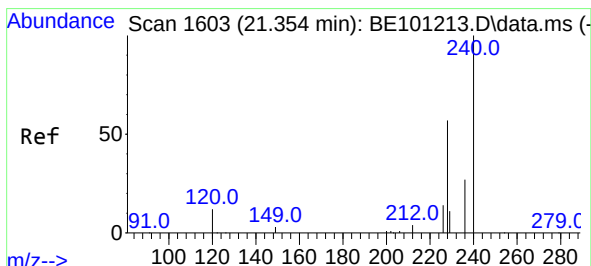
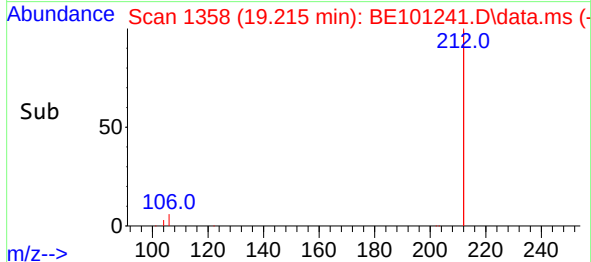
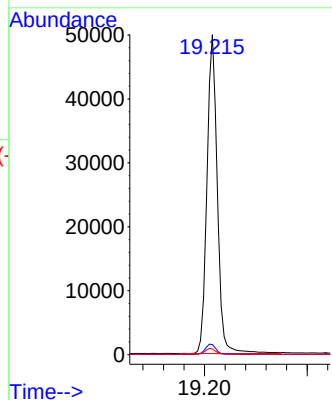


#27
Fluoranthene-d10
Concen: 0.17 ng
RT: 19.215 min Scan# 1358
Delta R.T. 0.001 min
Lab File: BE101241.D
Acq: 8 Apr 2021 10:43

Instrument :
BNA_E
ClientSampleId :
SP5532

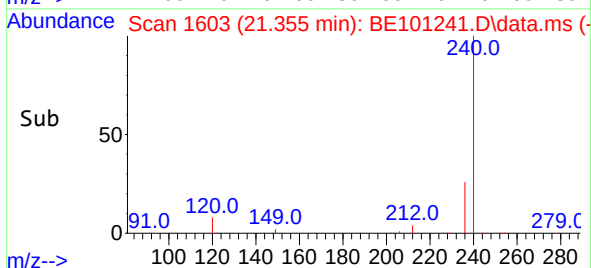
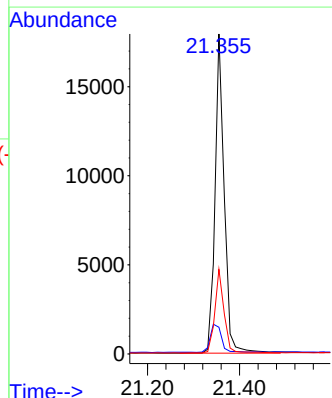
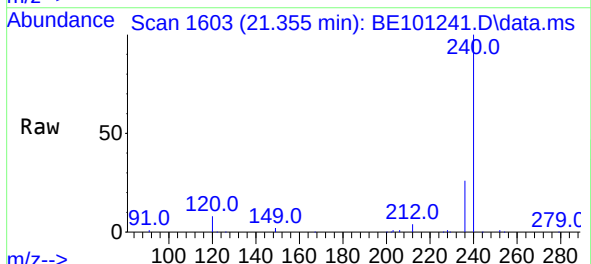


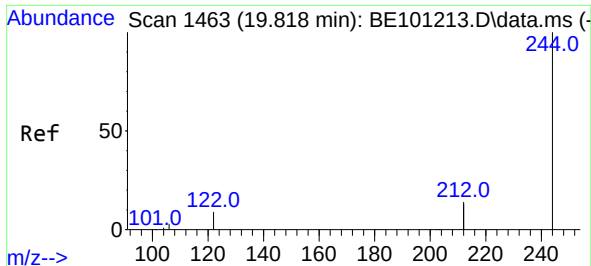
Tgt Ion:212 Resp: 70063
Ion Ratio Lower Upper
212 100
106 3.3 2.6 4.0
104 1.8 1.4 2.2



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.355 min Scan# 1603
Delta R.T. 0.001 min
Lab File: BE101241.D
Acq: 8 Apr 2021 10:43

Tgt Ion:240 Resp: 24686
Ion Ratio Lower Upper
240 100
120 8.4 10.2 15.4#
236 26.5 21.7 32.5

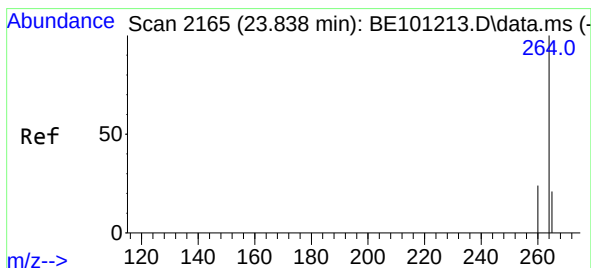
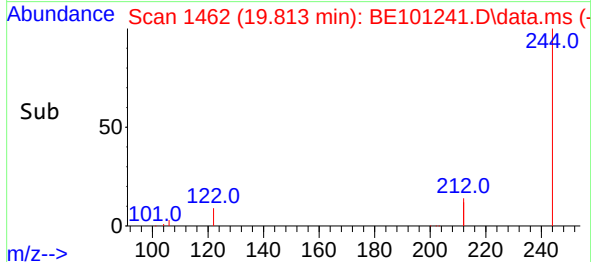
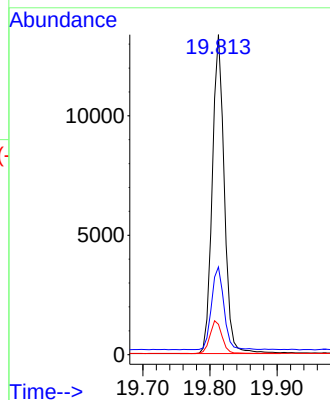
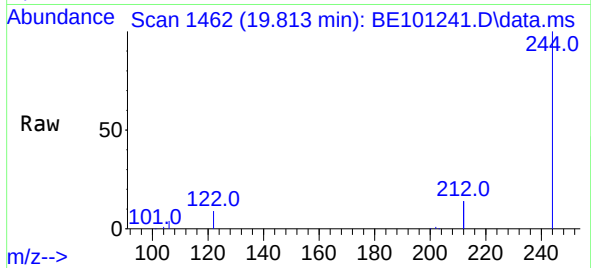




#31
Terphenyl-d14
Concen: 0.25 ng
RT: 19.813 min Scan# 1462
Delta R.T. 0.001 min
Lab File: BE101241.D
Acq: 8 Apr 2021 10:43

Instrument :
BNA_E
ClientSampleId :
SP5532

Tgt Ion:244 Resp: 16662
Ion Ratio Lower Upper
244 100
212 27.4 21.9 32.9
122 9.5 7.3 10.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.833 min Scan# 2164
Delta R.T. -0.001 min
Lab File: BE101241.D
Acq: 8 Apr 2021 10:43

Tgt Ion:264 Resp: 27329
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 25.9 22.4 33.6

