

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE041321\
 Data File : BE101292.D
 Acq On : 13 Apr 2021 14:00
 Operator : CG/JU
 Sample : PB135708BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 14 00:40:04 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE041221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 12 18:02:55 2021
 Response via : Initial Calibration

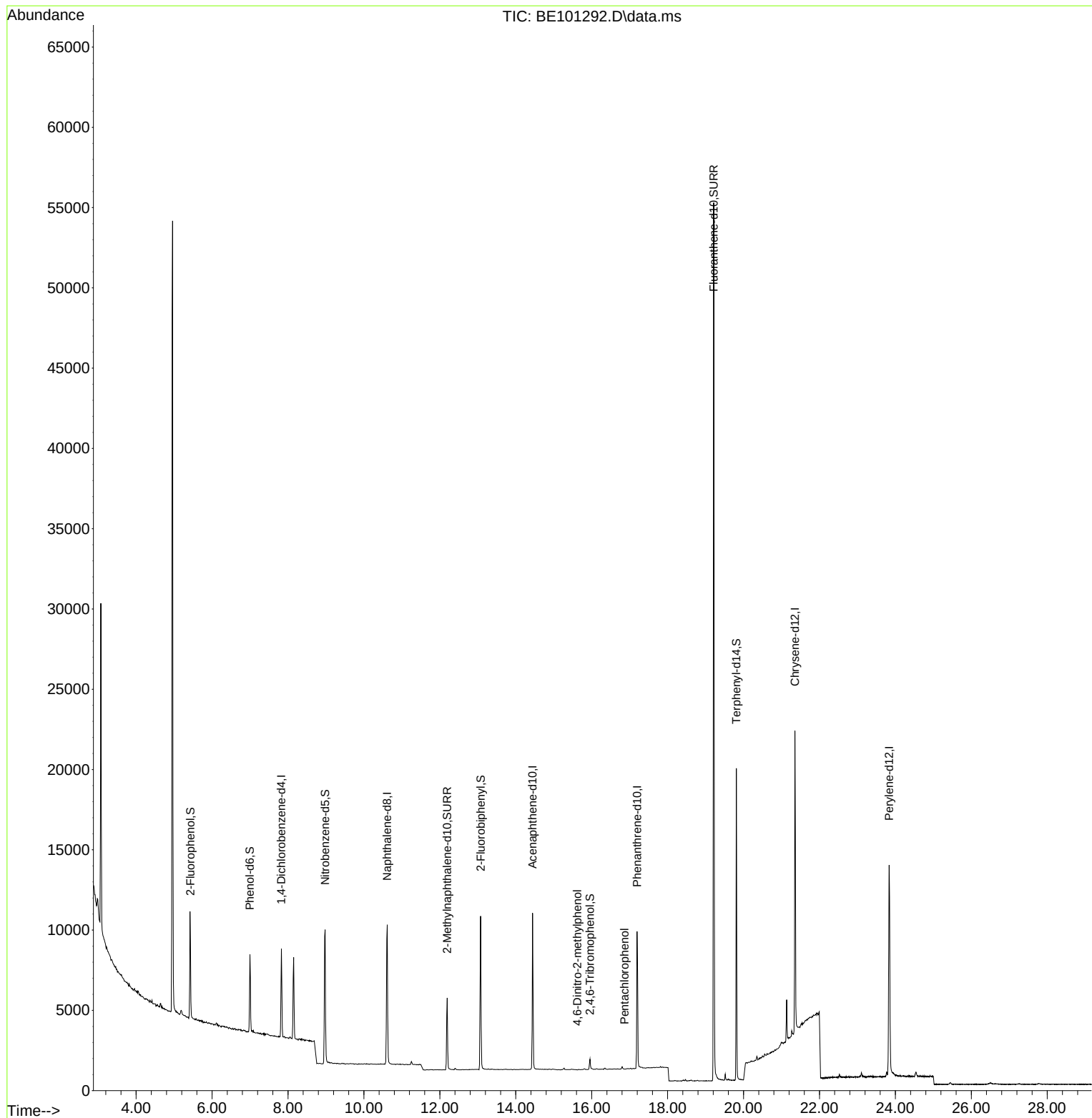
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.827	152	2524	0.40	ng	0.00
7) Naphthalene-d8	10.615	136	10008	0.40	ng	# 0.00
13) Acenaphthene-d10	14.443	164	5553	0.40	ng	0.00
19) Phenanthrene-d10	17.195	188	13158	0.40	ng	# 0.00
29) Chrysene-d12	21.354	240	19528	0.40	ng	0.00
36) Perylene-d12	23.834	264	20598	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.431	112	3132	0.42	ng	0.00
5) Phenol-d6	6.998	99	4308	0.38	ng	0.00
8) Nitrobenzene-d5	8.978	82	3592	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.196	152	6424	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	415	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.075	172	8843	0.46	ng	0.00
27) Fluoranthene-d10	19.214	212	71611	0.31	ng	0.00
31) Terphenyl-d14	19.812	244	17510	0.37	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.623	198	6	0.19	ng	# 1
24) Pentachlorophenol	16.863	266	8	0.27	ng	# 35

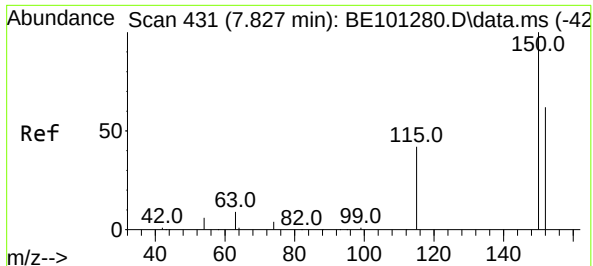
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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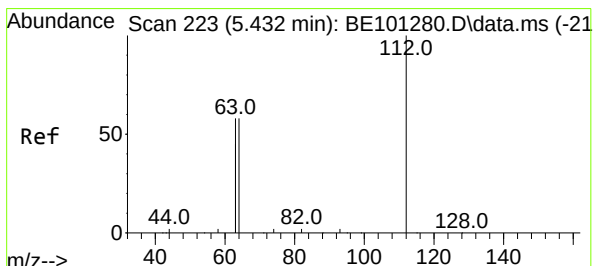
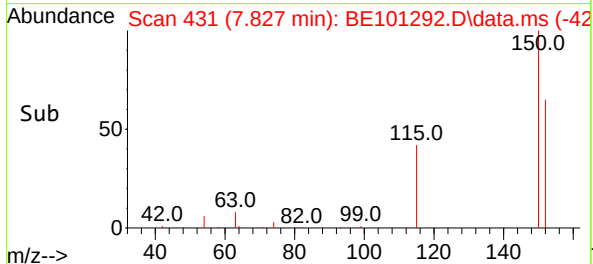
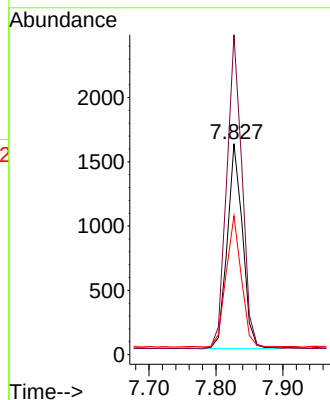
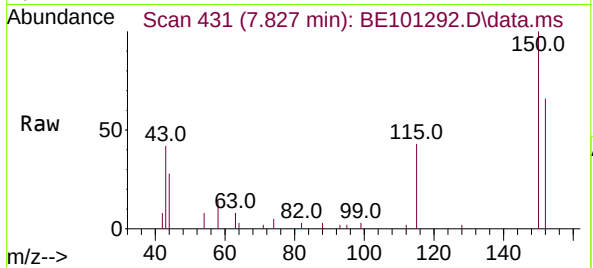




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.827 min Scan# 431
 Delta R.T. -0.000 min
 Lab File: BE101292.D
 Acq: 13 Apr 2021 14:00

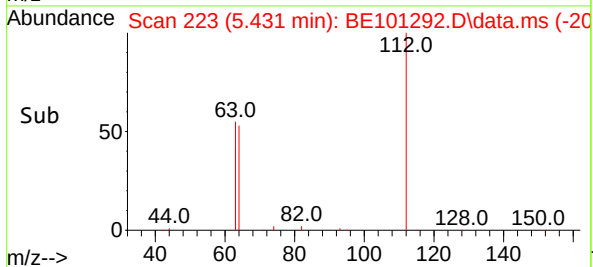
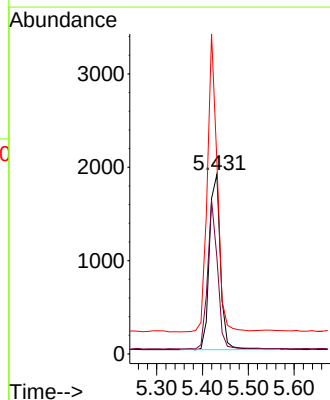
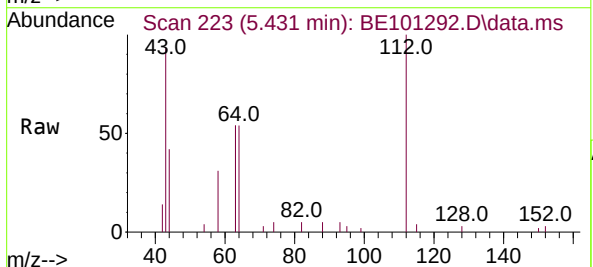
Instrument :
 BNA_E
 ClientSampleId :

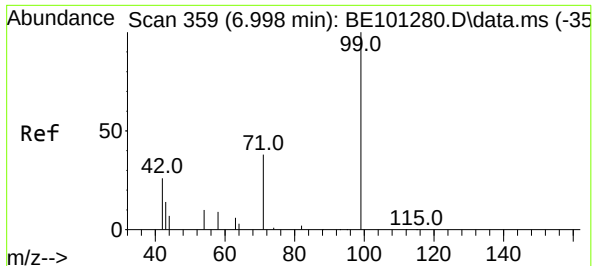
Tgt Ion:152 Resp: 2524
 Ion Ratio Lower Upper
 152 100
 150 151.7 116.9 175.3
 115 65.8 44.5 66.7



#4
 2-Fluorophenol
 Concen: 0.42 ng
 RT: 5.431 min Scan# 223
 Delta R.T. -0.001 min
 Lab File: BE101292.D
 Acq: 13 Apr 2021 14:00

Tgt Ion:112 Resp: 3132
 Ion Ratio Lower Upper
 112 100
 64 76.4 62.3 93.5
 63 152.0 117.3 175.9

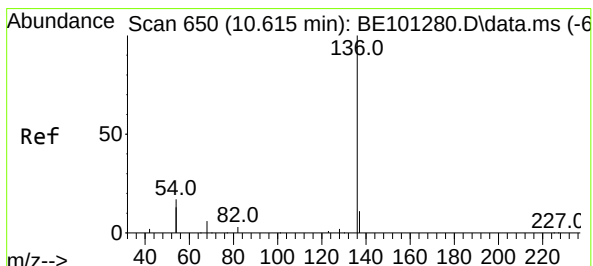
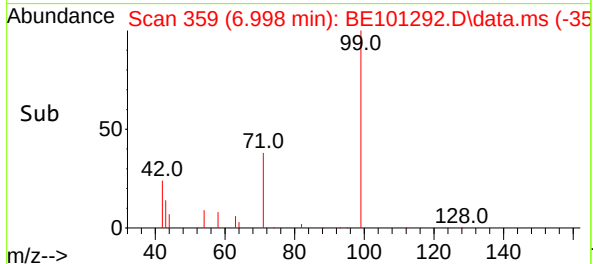
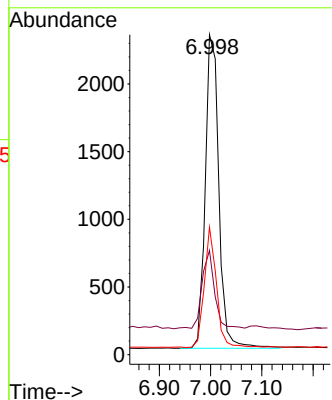
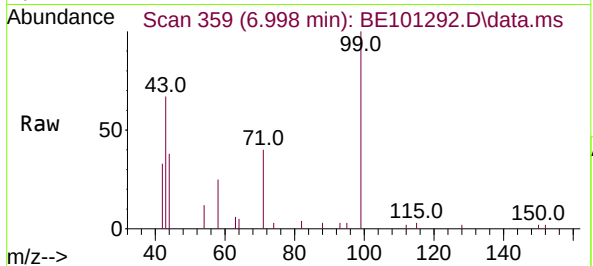




#5
Phenol-d6
Concen: 0.38 ng
RT: 6.998 min Scan# 359
Delta R.T. -0.001 min
Lab File: BE101292.D
Acq: 13 Apr 2021 14:00

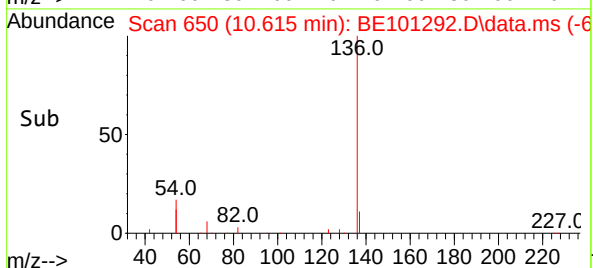
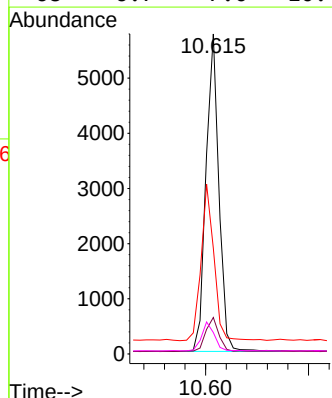
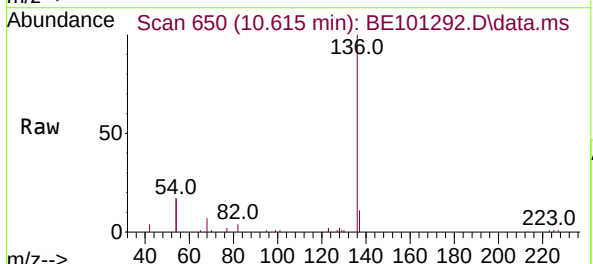
Instrument :
BNA_E
ClientSampleId :

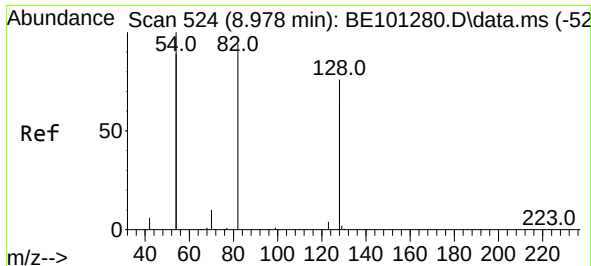
Tgt Ion:	99	Resp:	4308
Ion	Ratio	Lower	Upper
99	100		
42	23.1	18.5	27.7
71	34.4	26.5	39.7



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.615 min Scan# 650
Delta R.T. -0.000 min
Lab File: BE101292.D
Acq: 13 Apr 2021 14:00

Tgt Ion:	136	Resp:	10008
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	33.1	34.7	52.1#
68	6.7	7.0	10.4#

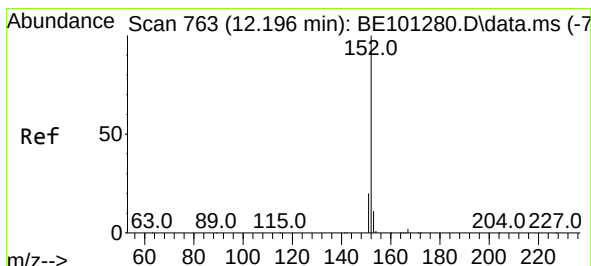
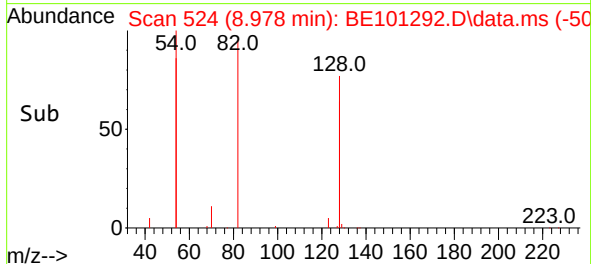
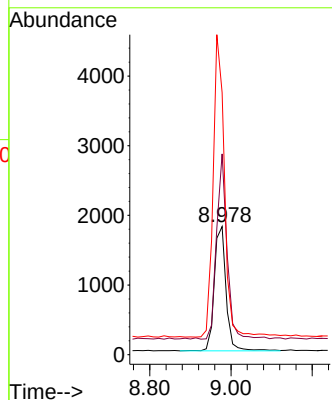
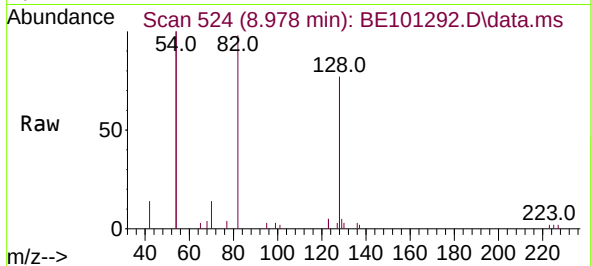




#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.978 min Scan# 524
Delta R.T. -0.000 min
Lab File: BE101292.D
Acq: 13 Apr 2021 14:00

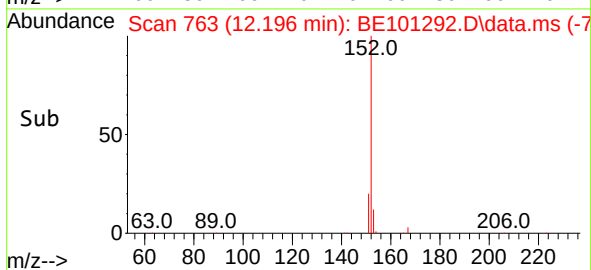
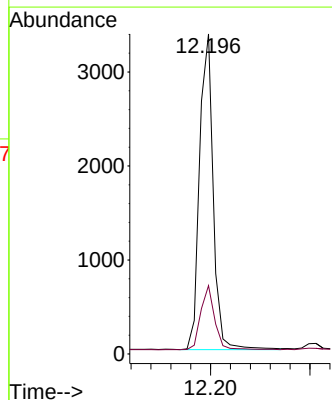
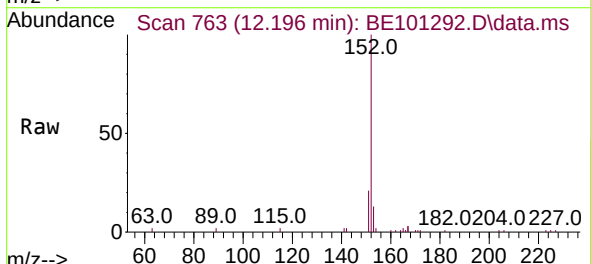
Instrument :
BNA_E
ClientSampleId :

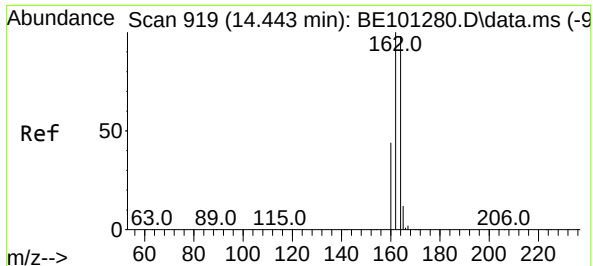
Tgt Ion: 82 Resp: 3592
Ion Ratio Lower Upper
82 100
128 156.6 118.7 178.1
54 204.5 164.4 246.6



#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.196 min Scan# 763
Delta R.T. 0.000 min
Lab File: BE101292.D
Acq: 13 Apr 2021 14:00

Tgt Ion: 152 Resp: 6424
Ion Ratio Lower Upper
152 100
151 20.8 16.5 24.7

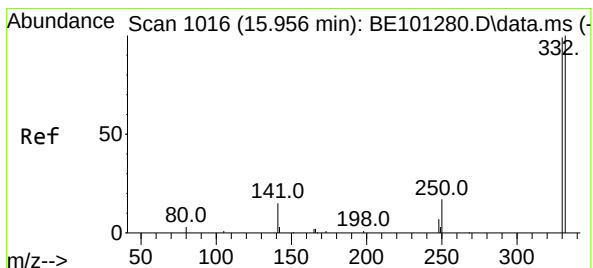
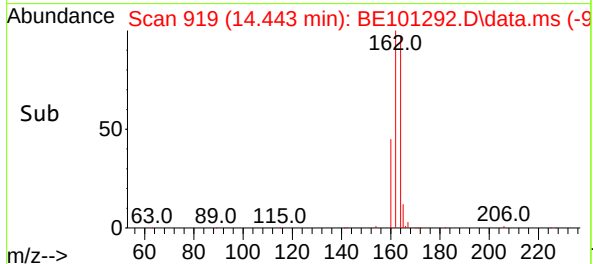
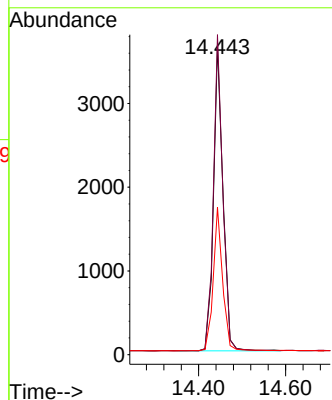
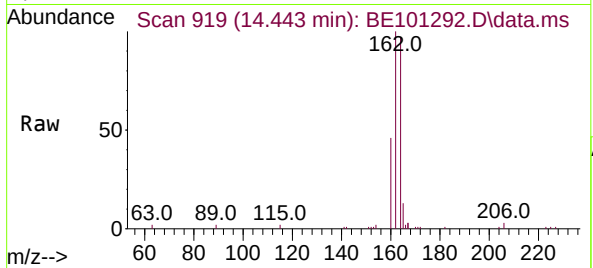




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.443 min Scan# 919
Delta R.T. 0.000 min
Lab File: BE101292.D
Acq: 13 Apr 2021 14:00

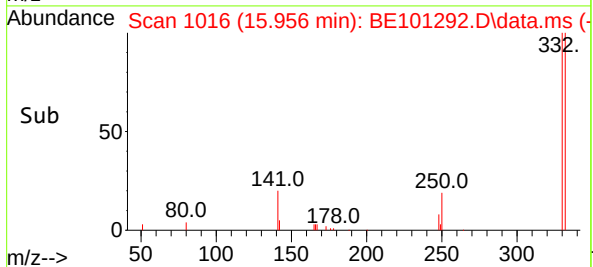
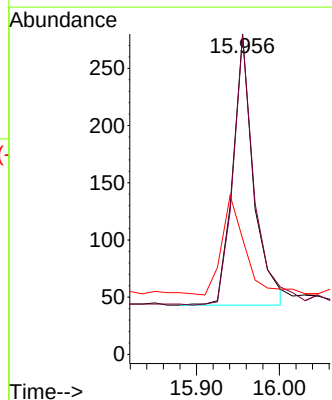
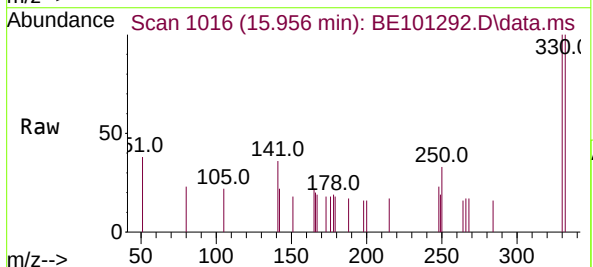
Instrument :
BNA_E
ClientSampled :

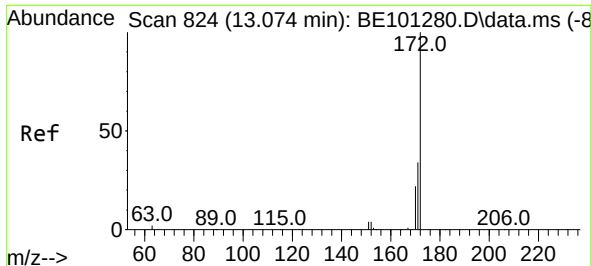
Tgt Ion:164 Resp: 5553
Ion Ratio Lower Upper
164 100
162 103.5 85.3 127.9
160 47.6 39.1 58.7



#14
2,4,6-Tribromophenol
Concen: 0.25 ng
RT: 15.956 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BE101292.D
Acq: 13 Apr 2021 14:00

Tgt Ion:330 Resp: 415
Ion Ratio Lower Upper
330 100
332 100.0 77.8 116.6
141 38.8 30.4 45.6

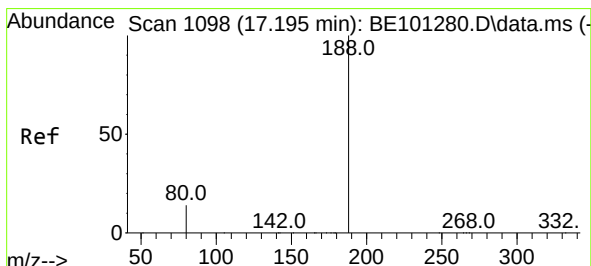
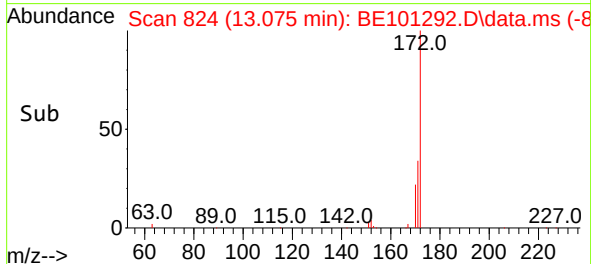
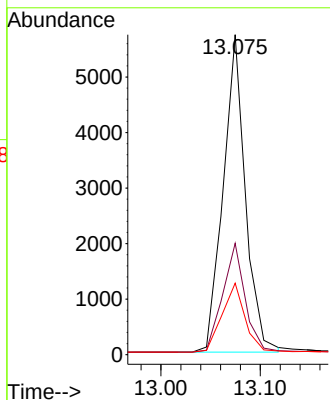
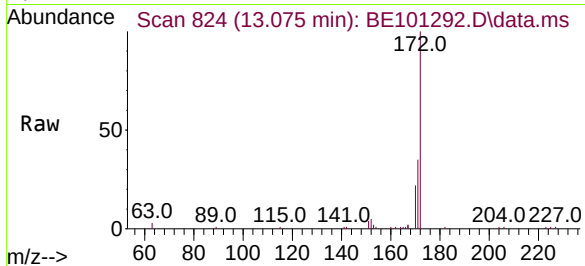




#15
2-Fluorobiphenyl
Concen: 0.46 ng
RT: 13.075 min Scan# 824
Delta R.T. 0.000 min
Lab File: BE101292.D
Acq: 13 Apr 2021 14:00

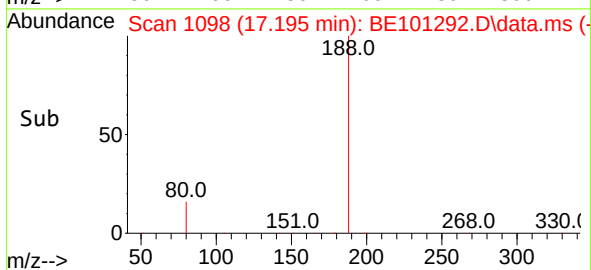
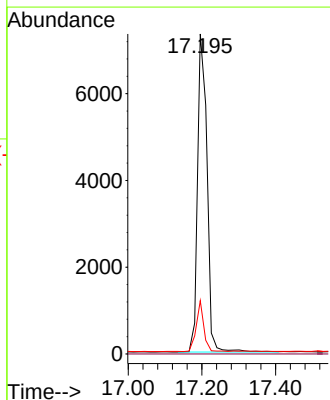
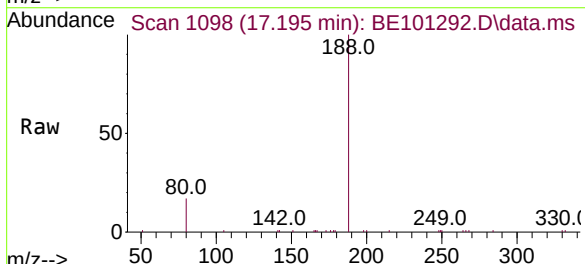
Instrument :
BNA_E
ClientSampled :

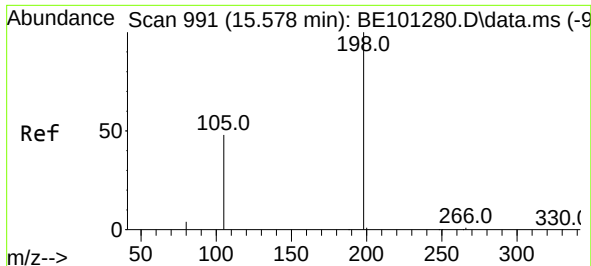
Tgt Ion:172	Resp:	8843
Ion	Ratio	Lower Upper
172	100	
171	34.8	28.7 43.1
170	22.4	19.3 28.9



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.195 min Scan# 1098
Delta R.T. 0.000 min
Lab File: BE101292.D
Acq: 13 Apr 2021 14:00

Tgt Ion:188	Resp:	13158
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	16.7	4.6 6.8





#20

4,6-Dinitro-2-methylphenol

Concen: 0.19 ng

RT: 15.623 min Scan# 994

Delta R.T. 0.045 min

Lab File: BE101292.D

Acq: 13 Apr 2021 14:00

Tgt Ion:198 Resp: 6

Ion Ratio Lower Upper

198 100

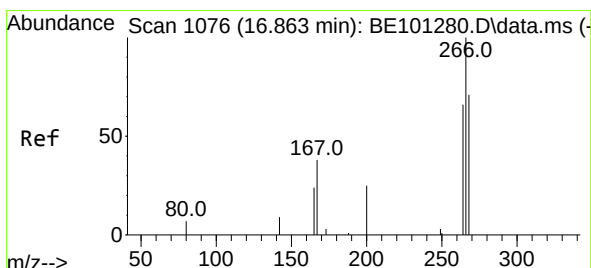
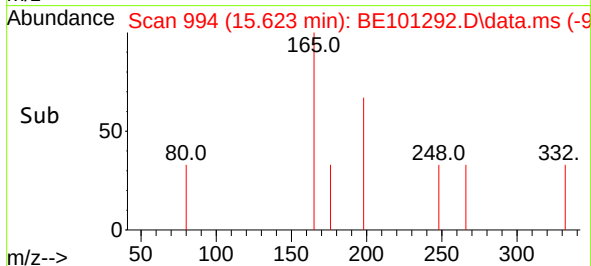
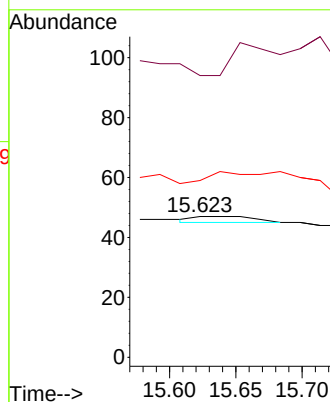
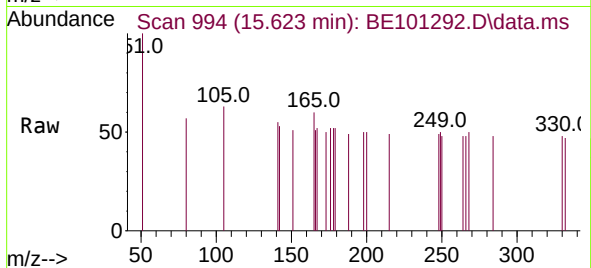
51 200.0 55.9 83.9#

105 125.5 33.6 50.4#

Instrument :

BNA_E

ClientSampleId :



#24

Pentachlorophenol

Concen: 0.27 ng

RT: 16.863 min Scan# 1076

Delta R.T. -0.000 min

Lab File: BE101292.D

Acq: 13 Apr 2021 14:00

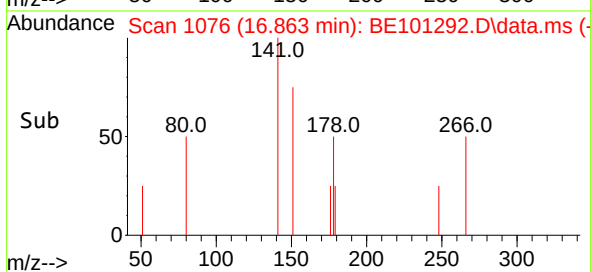
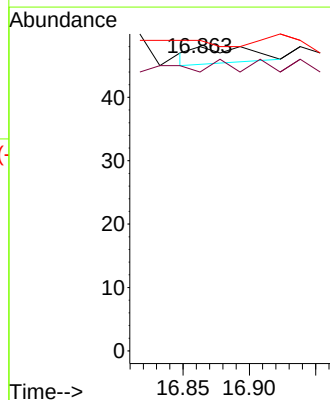
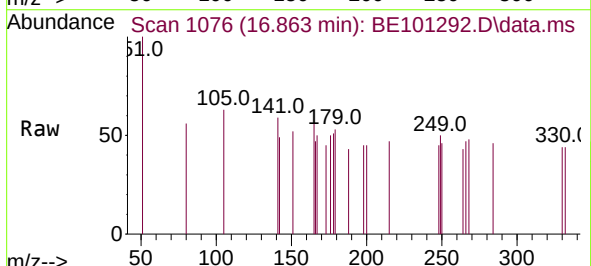
Tgt Ion:266 Resp: 8

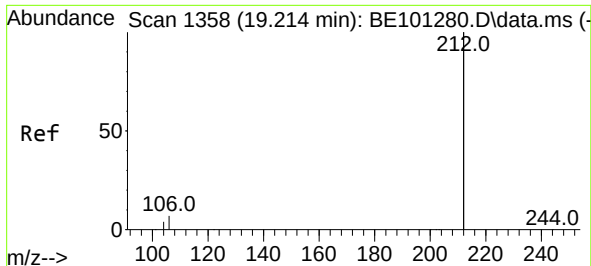
Ion Ratio Lower Upper

266 100

264 25.0 49.1 73.7#

268 0.0 50.6 76.0#

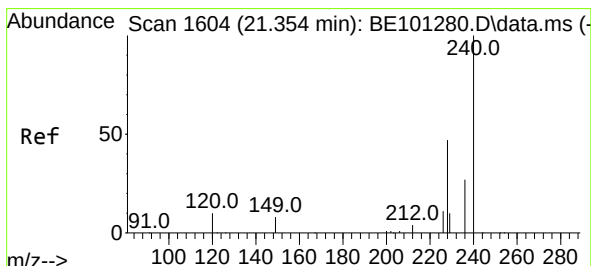
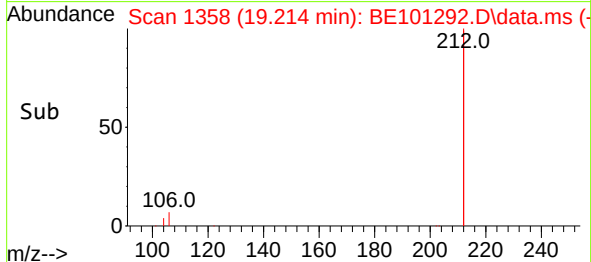
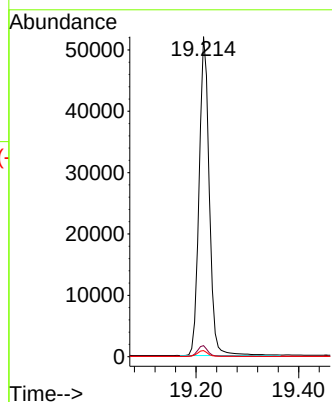
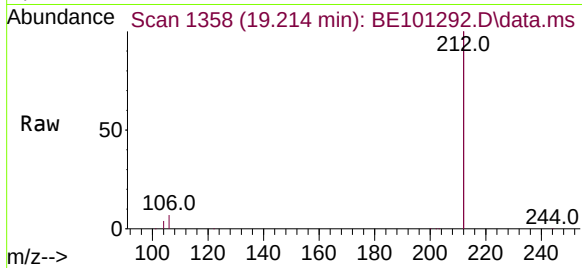




#27
Fluoranthene-d10
Concen: 0.31 ng
RT: 19.214 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BE101292.D
Acq: 13 Apr 2021 14:00

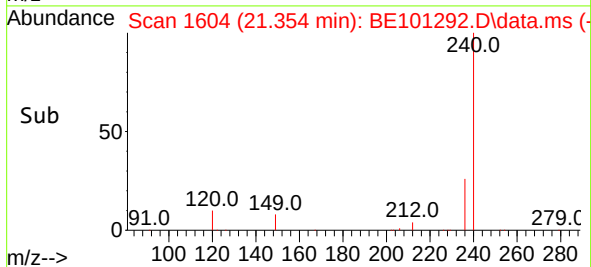
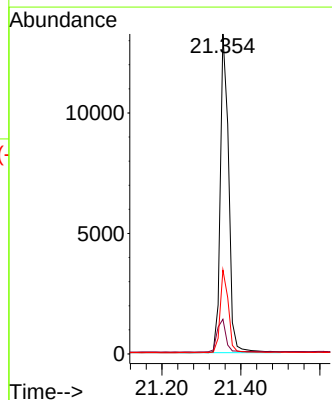
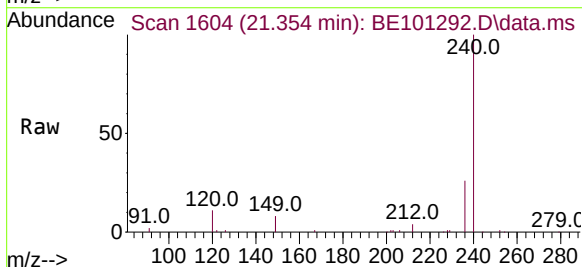
Instrument :
BNA_E
ClientSampleId :

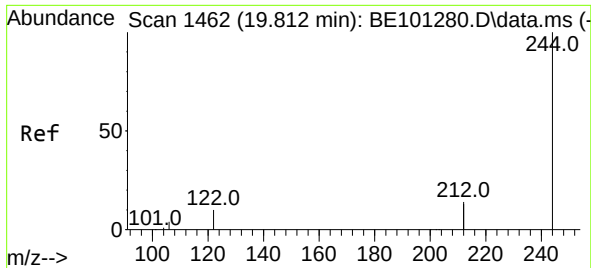
Tgt Ion:212 Resp: 71611
Ion Ratio Lower Upper
212 100
106 3.4 2.6 4.0
104 1.8 1.4 2.2



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.354 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BE101292.D
Acq: 13 Apr 2021 14:00

Tgt Ion:240 Resp: 19528
Ion Ratio Lower Upper
240 100
120 10.8 10.2 15.4
236 26.2 21.7 32.5

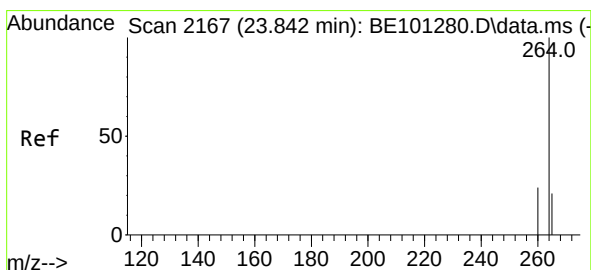
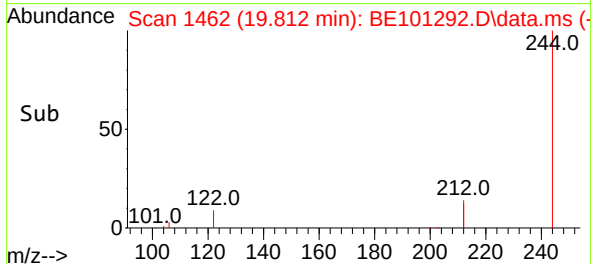
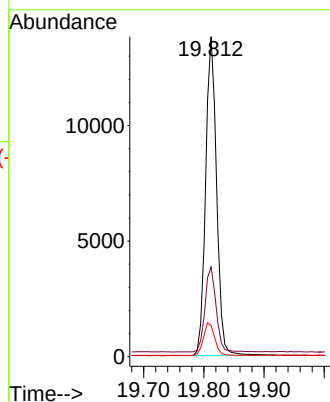
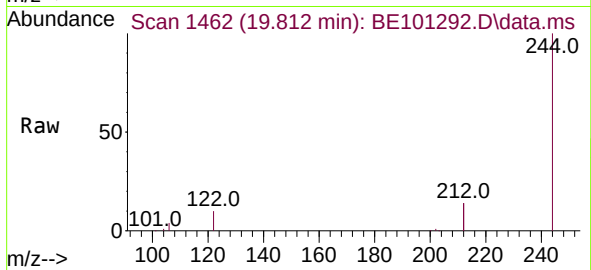




#31
Terphenyl-d14
Concen: 0.37 ng
RT: 19.812 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BE101292.D
Acq: 13 Apr 2021 14:00

Instrument :
BNA_E
ClientSampled :

Tgt Ion:244 Resp: 17510
Ion Ratio Lower Upper
244 100
212 28.0 21.9 32.9
122 9.8 7.3 10.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.834 min Scan# 2165
Delta R.T. -0.007 min
Lab File: BE101292.D
Acq: 13 Apr 2021 14:00

Tgt Ion:264 Resp: 20598
Ion Ratio Lower Upper
264 100
260 24.5 19.3 28.9
265 25.1 22.4 33.6

