

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)

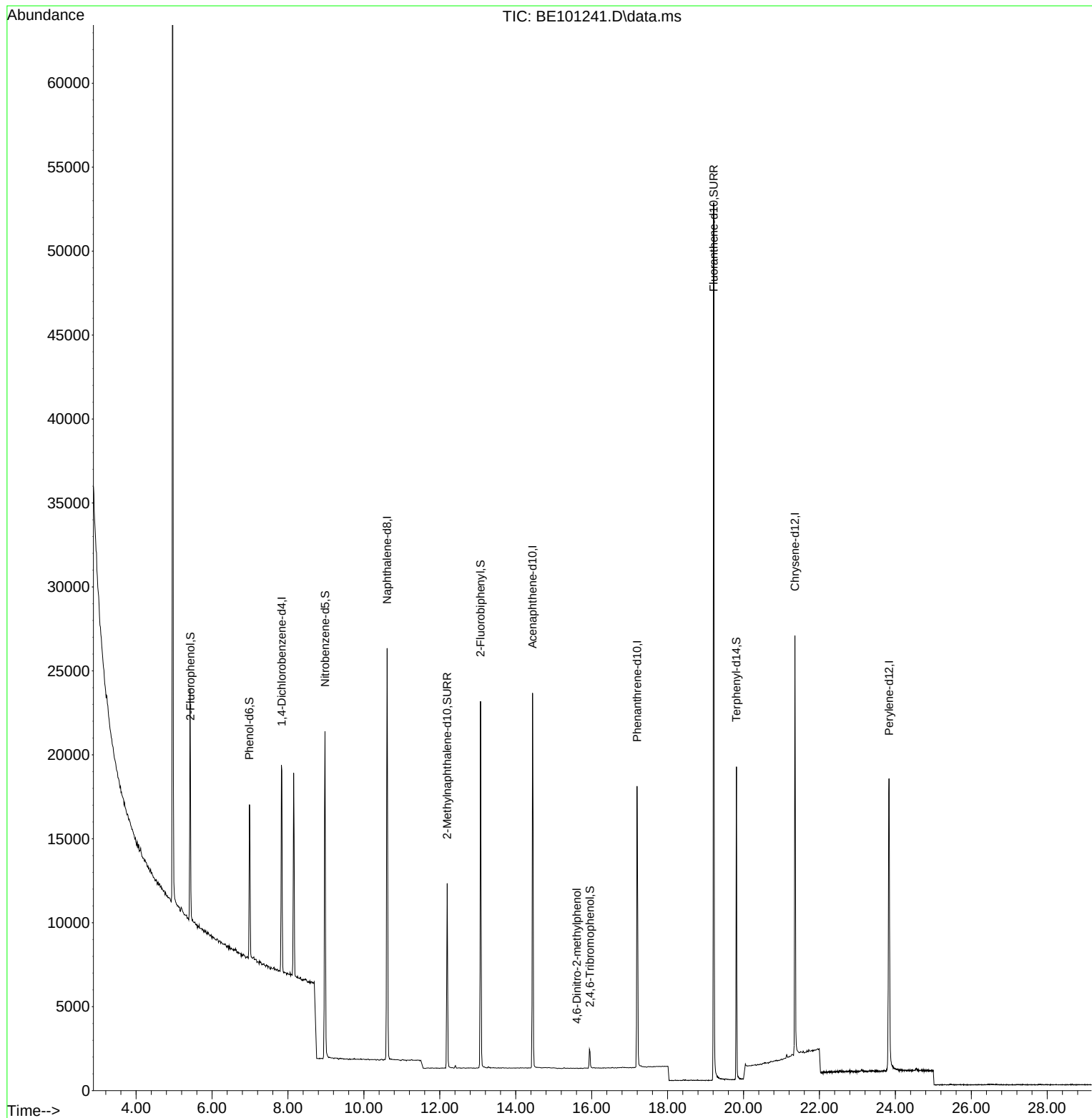
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	6359	0.40	ng	0.00
7) Naphthalene-d8	10.614	136	25989	0.40	ng	0.00
13) Acenaphthene-d10	14.442	164	13685	0.40	ng	0.00
19) Phenanthrene-d10	17.196	188	24312	0.40	ng	#-0.01
29) Chrysene-d12	21.355	240	24686	0.40	ng	# 0.00
36) Perylene-d12	23.833	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						
20) 4,6-Dinitro-2-methylph...	15.609	198	3	0.06	ng	# 1

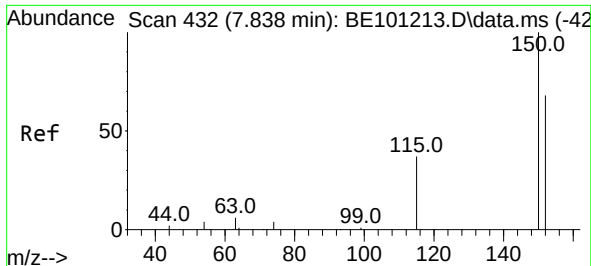
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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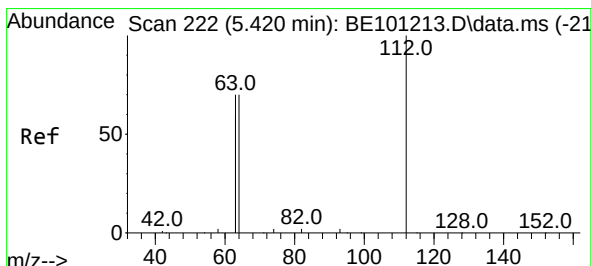
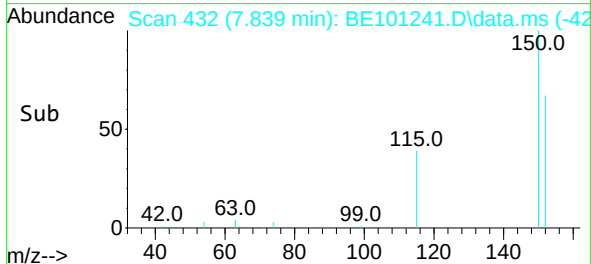
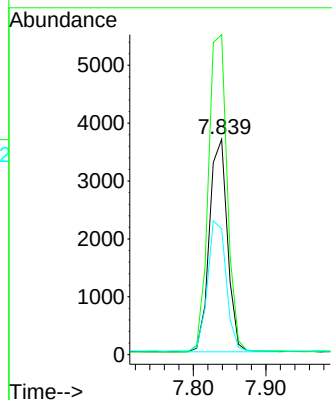
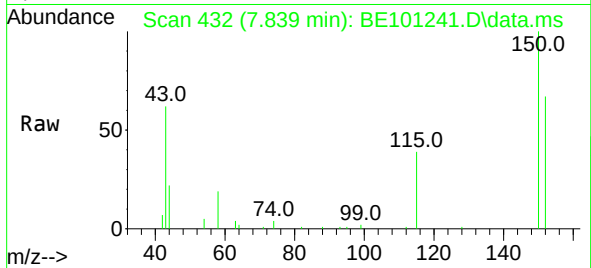




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.839 min Scan# 432
 Delta R.T. 0.009 min
 Lab File: BE101241.D
 Acq: 8 Apr 2021 10:43

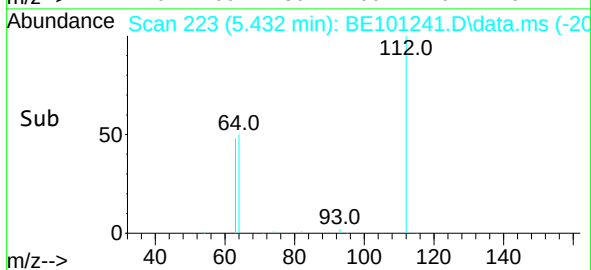
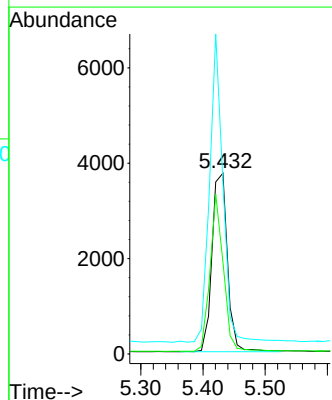
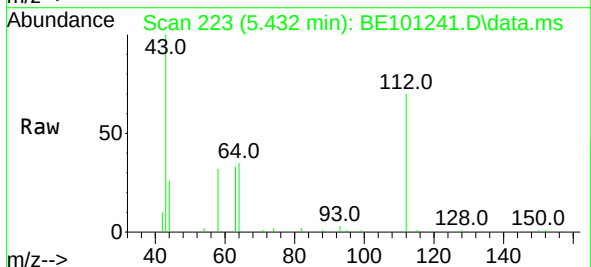
Instrument :
 BNA_E
 ClientSampleId :
 SP5532

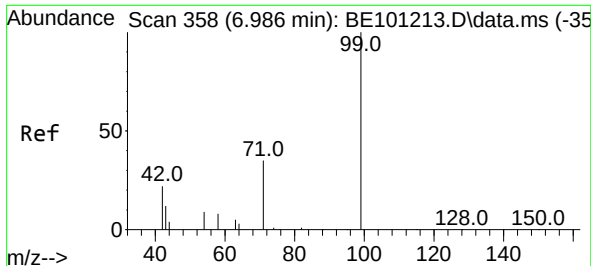
Tgt Ion:152 Resp: 6359
 Ion Ratio Lower Upper
 152 100
 150 148.6 116.9 175.3
 115 58.5 44.5 66.7



#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

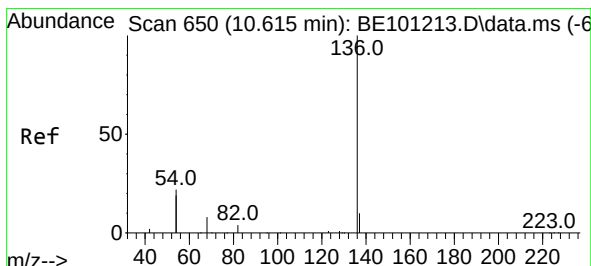
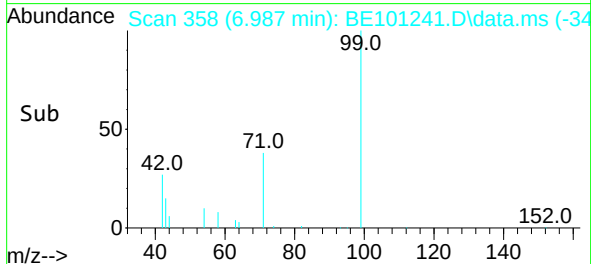
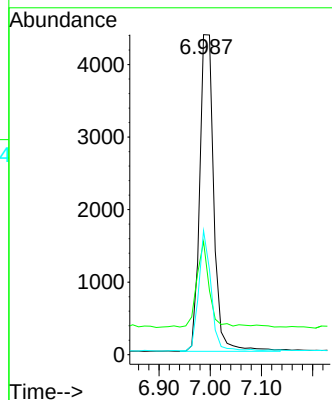
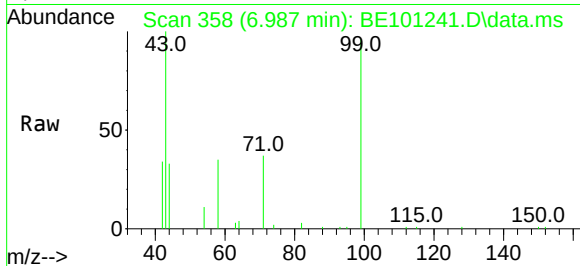




#5
Phenol-d6
Concen: 0.36 ng
RT: 6.987 min Scan# 358
Delta R.T. -0.002 min
Lab File: BE101241.D
Acq: 8 Apr 2021 10:43

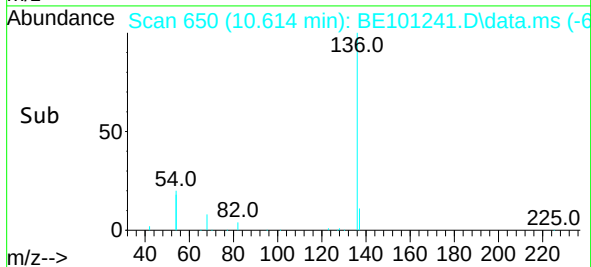
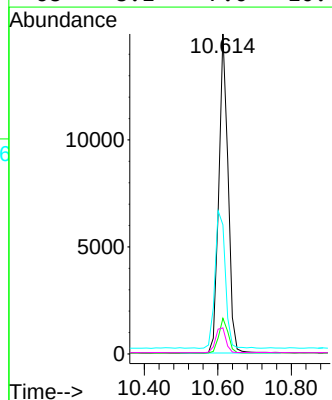
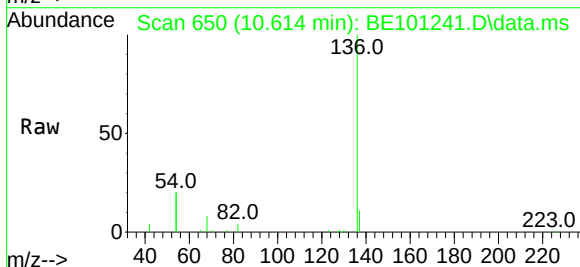
Instrument :
BNA_E
ClientSampleId :
SP5532

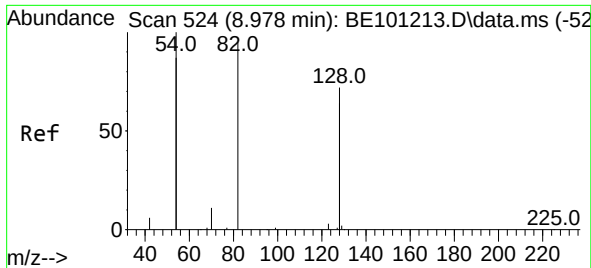
Tgt Ion:	99	Resp:	8392
Ion	Ratio	Lower	Upper
99	100		
42	23.2	18.5	27.7
71	33.0	26.5	39.7



#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

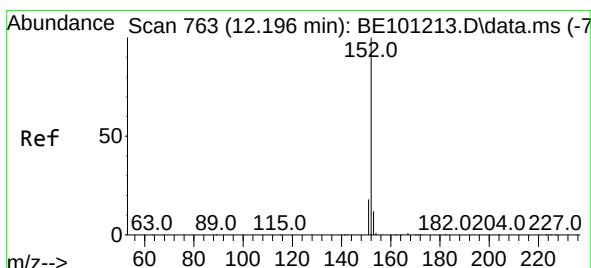
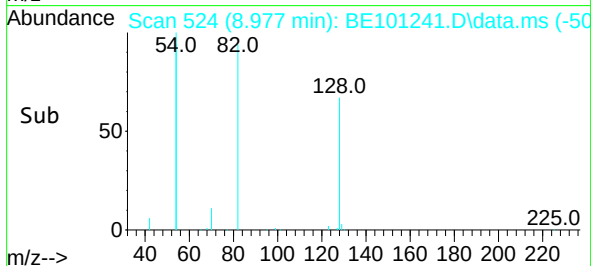
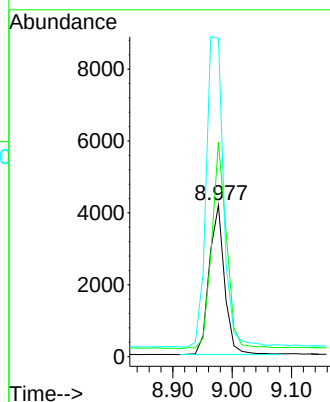
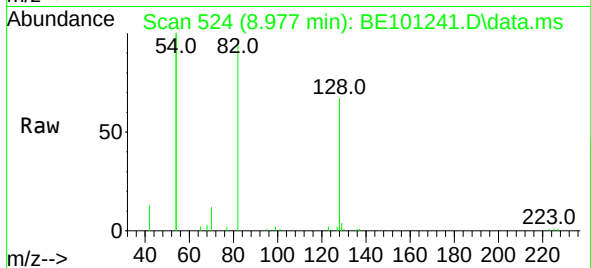




#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.001 min
Lab File: BE101241.D
Acq: 8 Apr 2021 10:43

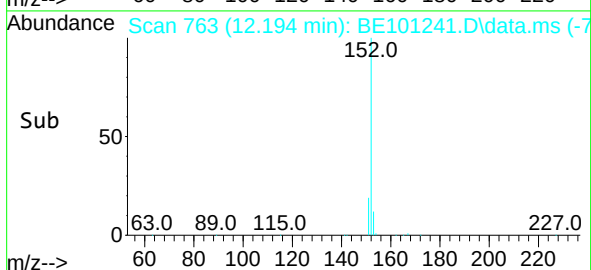
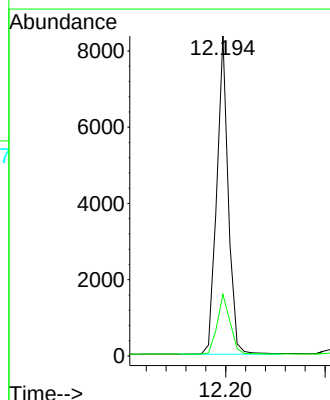
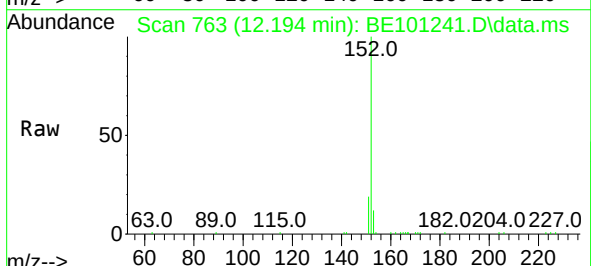
Instrument :
BNA_E
ClientSampleId :
SP5532

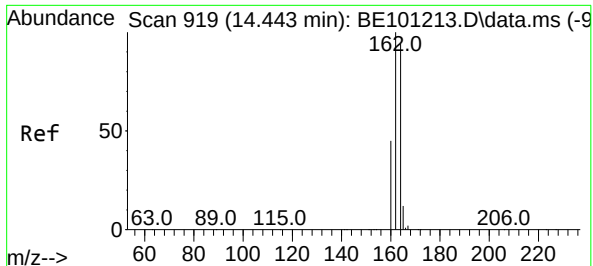
Tgt Ion: 82 Resp: 7466
Ion Ratio Lower Upper
82 100
128 141.6 118.7 178.1
54 210.2 164.4 246.6



#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

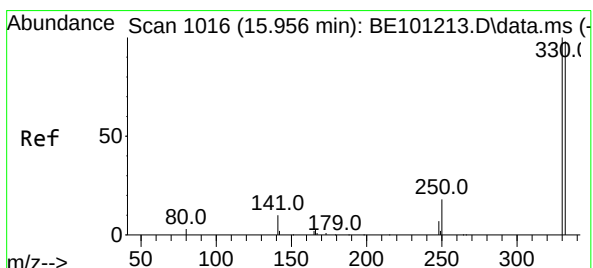
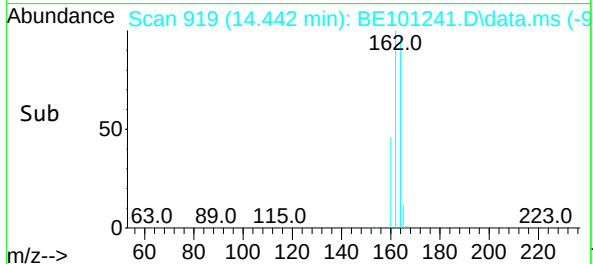
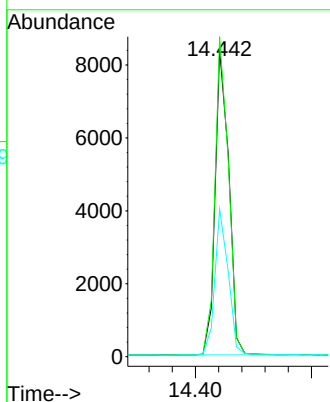
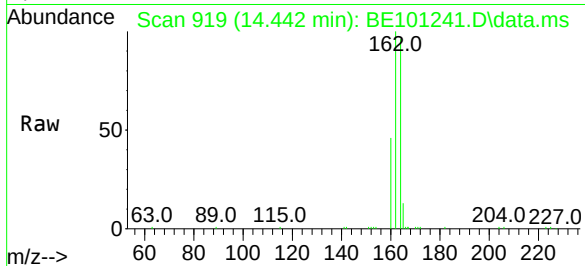




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.442 min Scan# 919
Delta R.T. -0.002 min
Lab File: BE101241.D
Acq: 8 Apr 2021 10:43

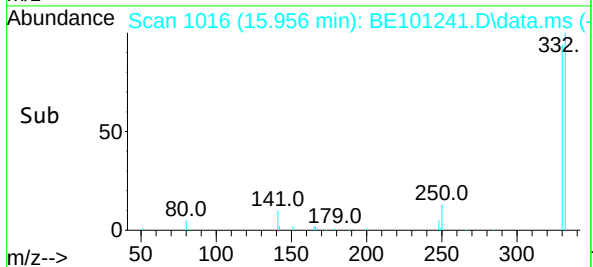
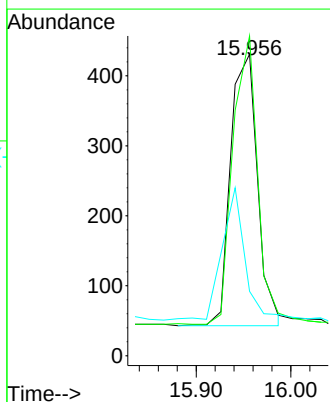
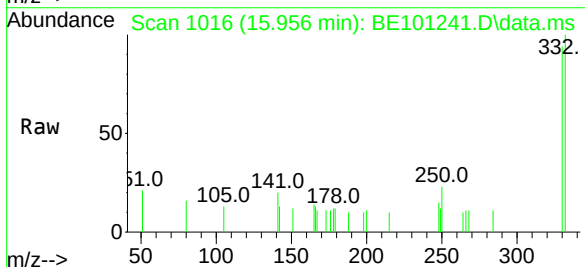
Instrument :
BNA_E
ClientSampleId :
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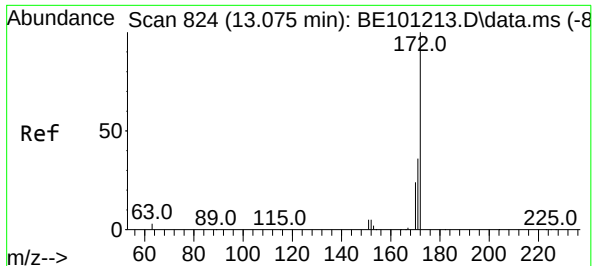
Tgt Ion:	164	Resp:	13685
Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.3	127.9
160	48.2	39.1	58.7



#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

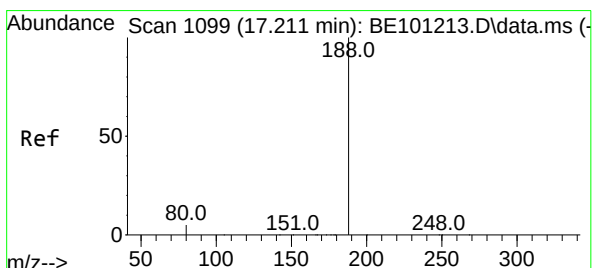
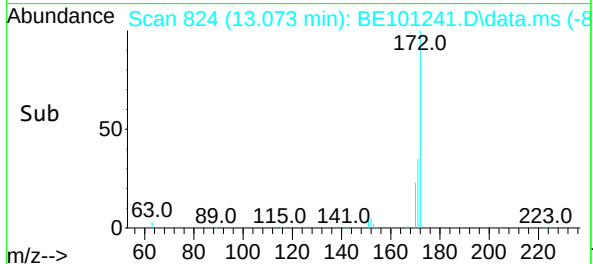
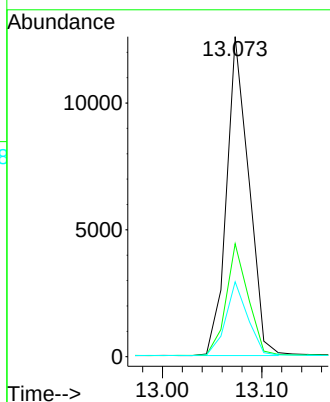
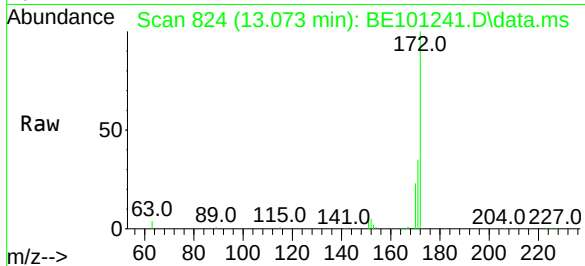




#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.073 min Scan# 824
Delta R.T. -0.002 min
Lab File: BE101241.D
Acq: 8 Apr 2021 10:43

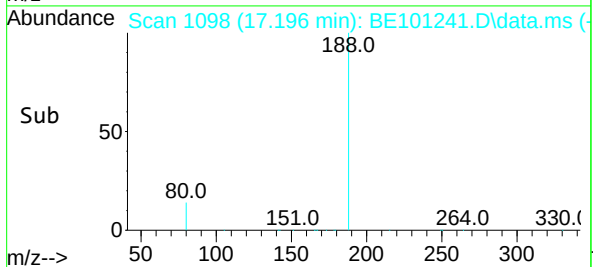
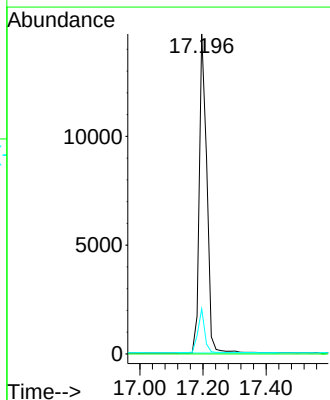
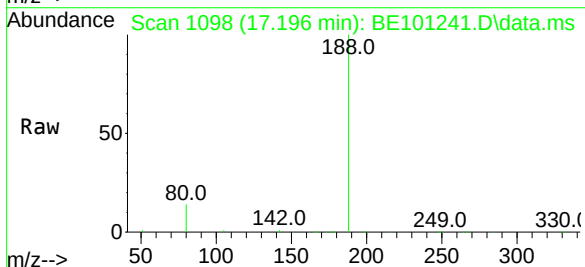
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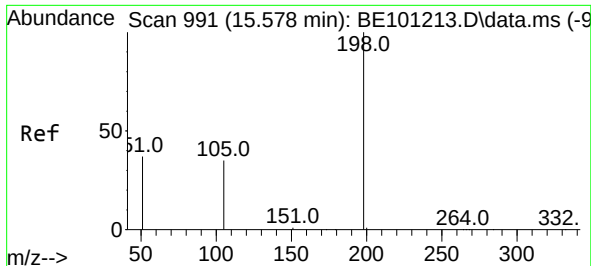
Tgt Ion:	172	Resp:	19549
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.7	43.1
170	23.4	19.3	28.9



#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

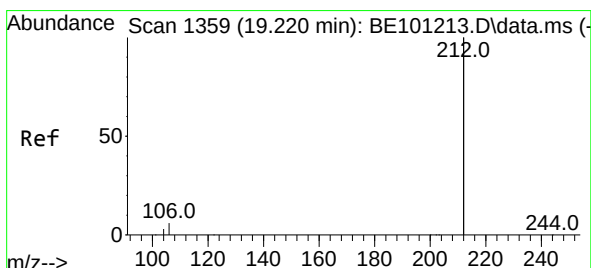
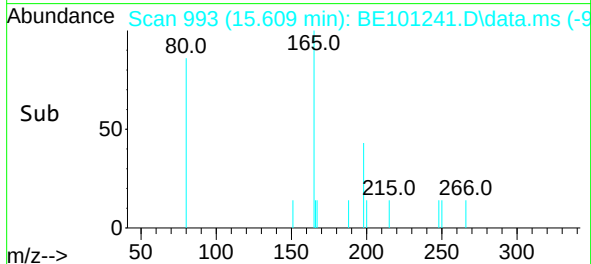
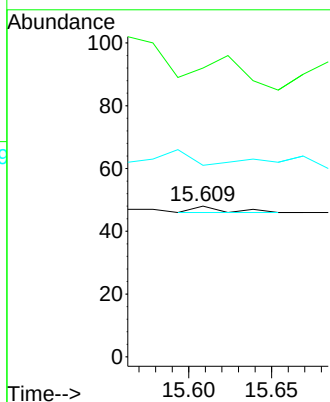
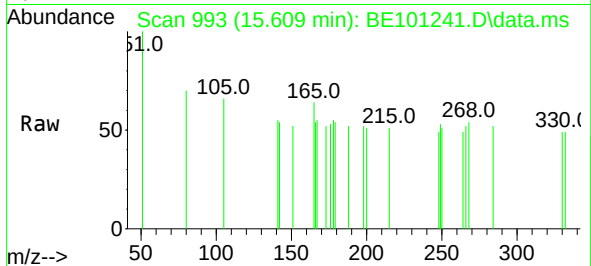




#20
4,6-Dinitro-2-methylphenol
Concen: 0.06 ng
RT: 15.609 min Scan# 993
Delta R.T. 0.031 min
Lab File: BE101241.D
Acq: 8 Apr 2021 10:43

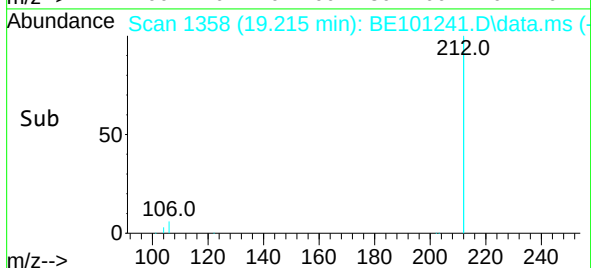
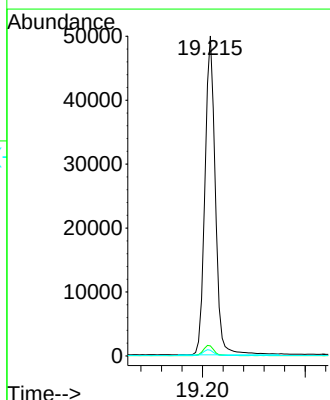
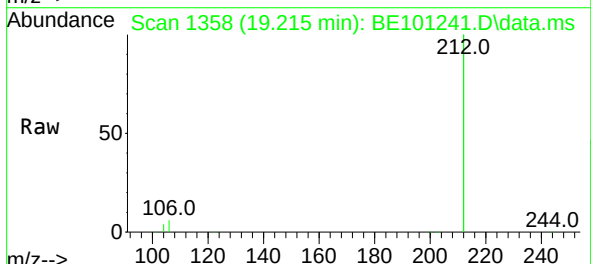
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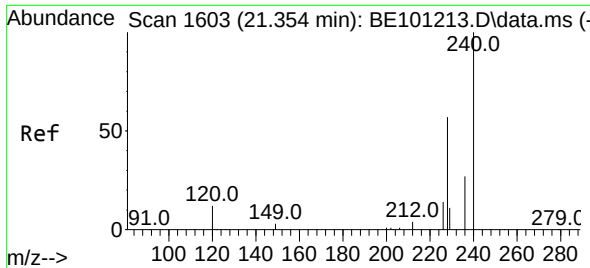
Tgt Ion:	198	Resp:	3
Ion	Ratio	Lower	Upper
198	100		
51	191.7	55.9	83.9#
105	127.1	33.6	50.4#



#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

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

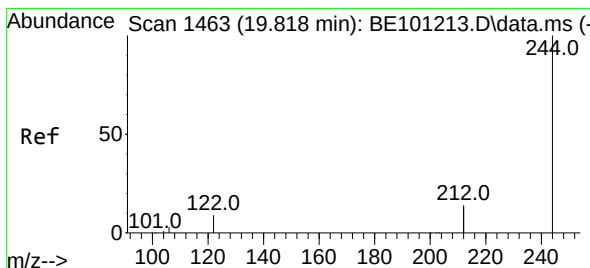
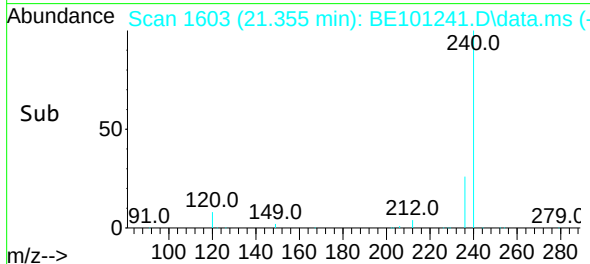
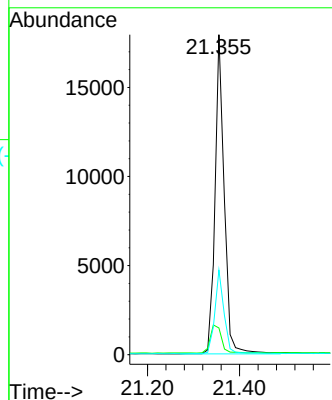
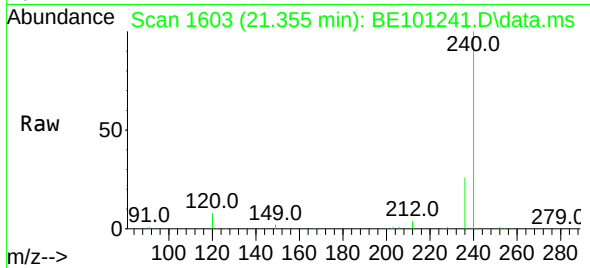




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.355 min Scan# 1603
Delta R.T. 0.001 min
Lab File: BE101241.D
Acq: 8 Apr 2021 10:43

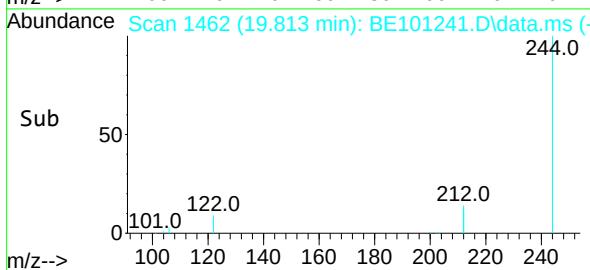
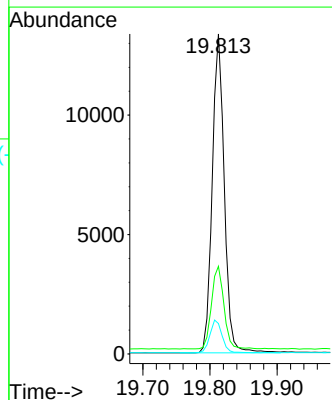
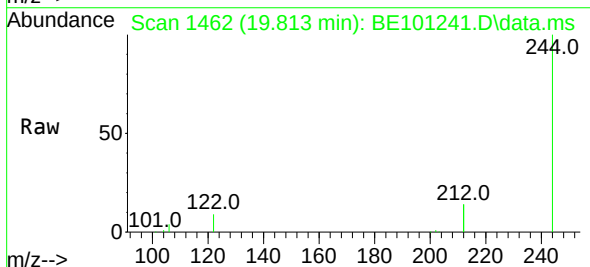
Instrument :
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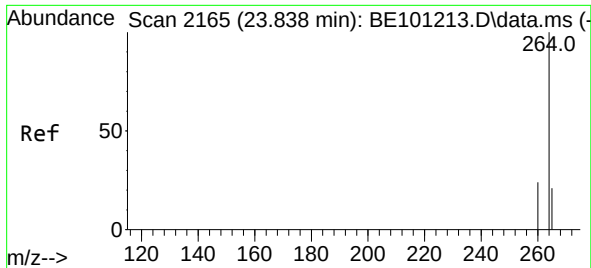
Tgt Ion:240 Resp: 24686
Ion Ratio Lower Upper
240 100
120 8.4 10.2 15.4#
236 26.5 21.7 32.5



#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

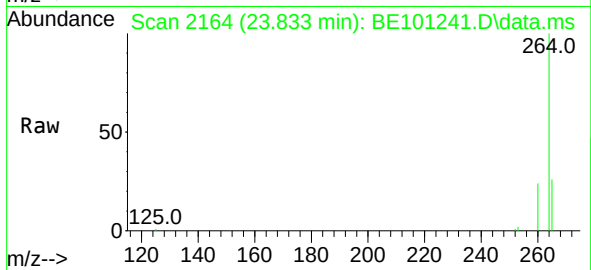
Tgt Ion:244 Resp: 16662
Ion Ratio Lower Upper
244 100
212 27.4 21.9 32.9
122 9.5 7.3 10.9





#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

Instrument :
 BNA_E
 ClientSampleId :
 SP5532



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

