

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
 Data File : BE101465.D
 Acq On : 4 Nov 2024 21:01
 Operator : RC/JU
 Sample : P4675-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 COMP-5

Quant Time: Nov 04 22:08:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 29 01:26:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

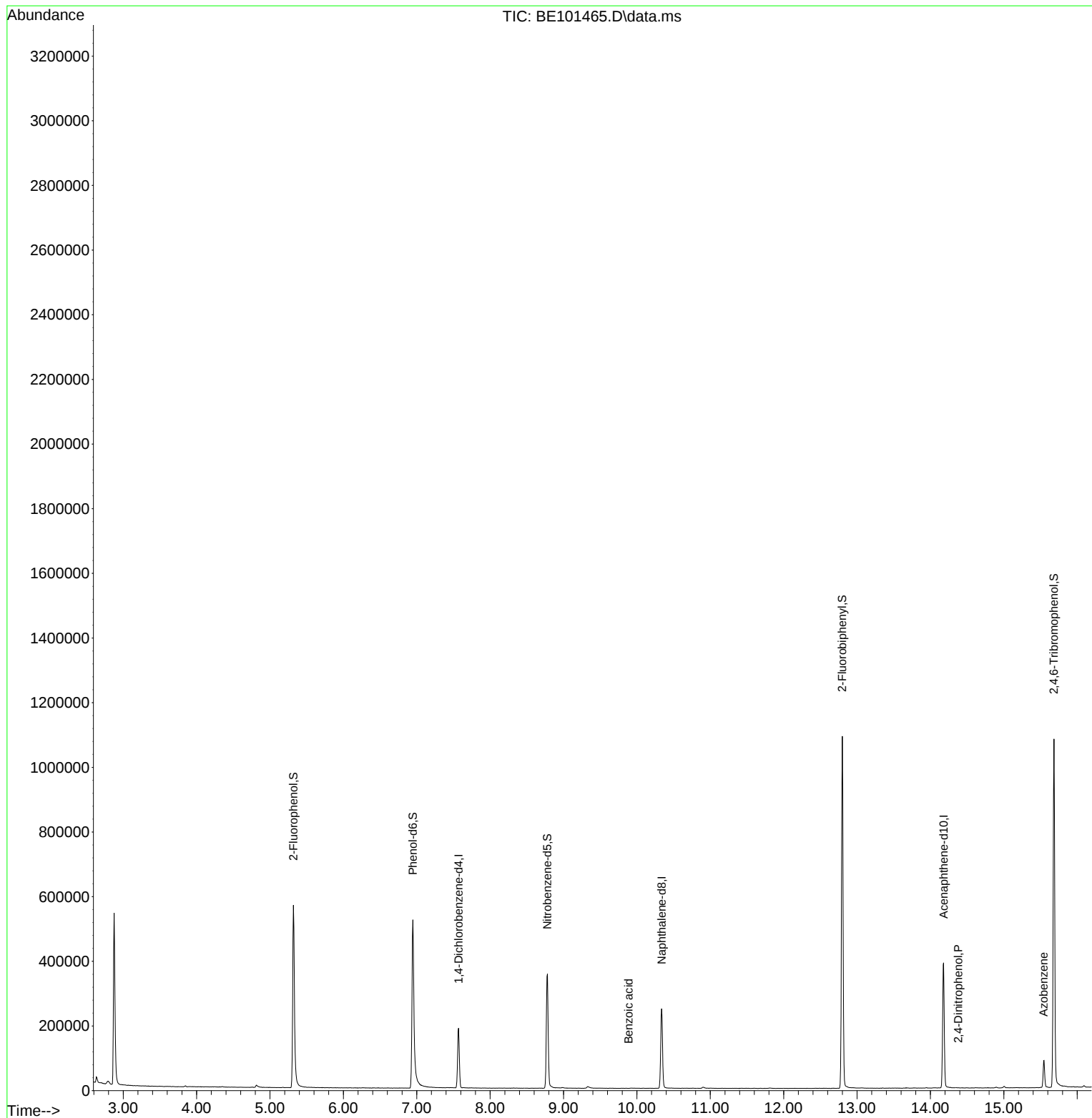
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	53466	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	221932	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	143072	20.000	ng	0.00
64) Phenanthrene-d10	16.918	188	331097	20.000	ng	0.00
76) Chrysene-d12	21.072	240	474755	20.000	ng	0.00
86) Perylene-d12	23.363	264	655789	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	305457	100.132	ng	0.00
7) Phenol-d6	6.947	99	409522	96.816	ng	0.00
23) Nitrobenzene-d5	8.780	82	222253	62.900	ng	0.00
42) 2,4,6-Tribromophenol	15.684	330	265680	105.950	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	587356	69.525	ng	0.00
79) Terphenyl-d14	19.509	244	1361464	66.002	ng	0.00
Target Compounds						
32) Benzoic acid	9.885	122	16	8.221	ng	# 1
54) 2,4-Dinitrophenol	14.380	184	11	5.623	ng	# 82
63) Azobenzene	15.543	77	24960	2.749	ng	# 1

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

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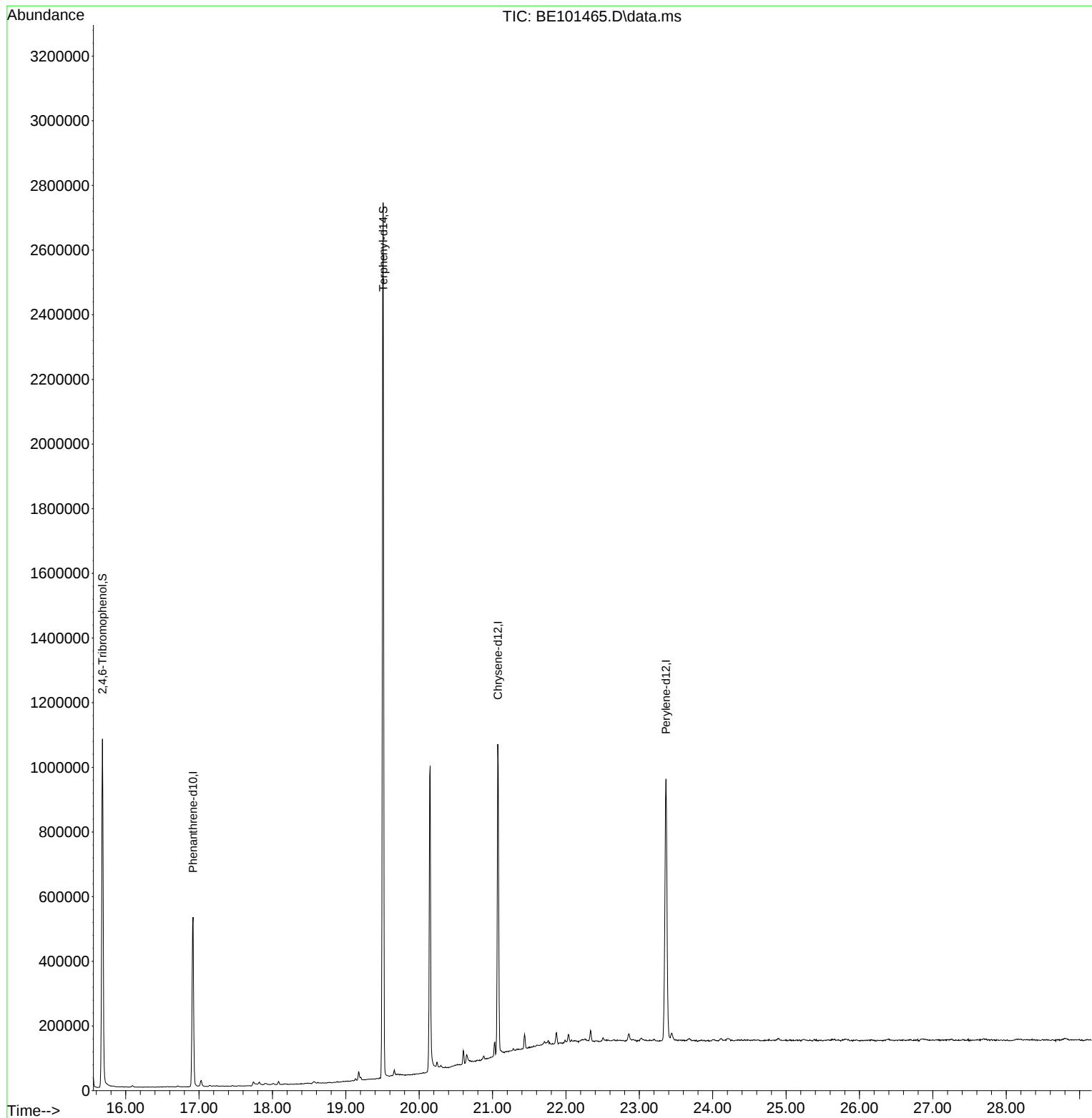
Quant Time: Nov 04 22:08:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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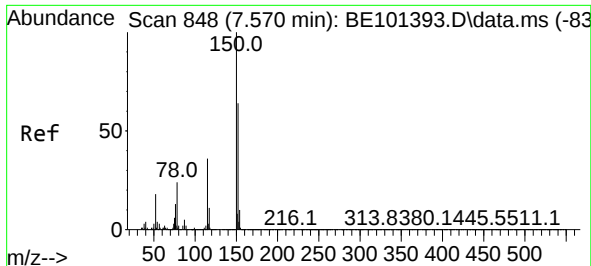


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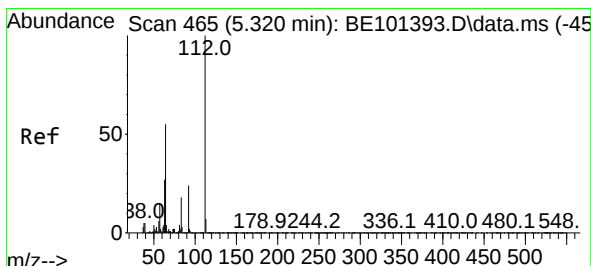
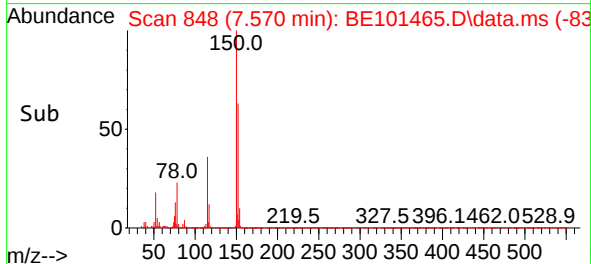
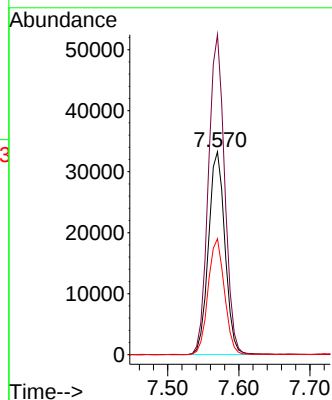
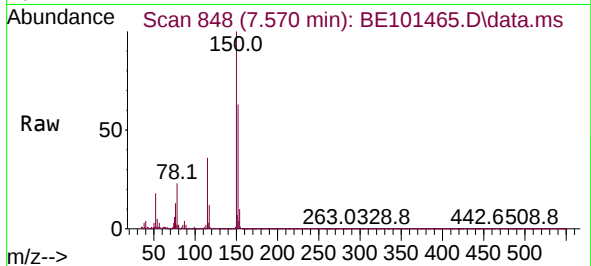




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 848
Delta R.T. 0.000 min
Lab File: BE101465.D
Acq: 4 Nov 2024 21:01

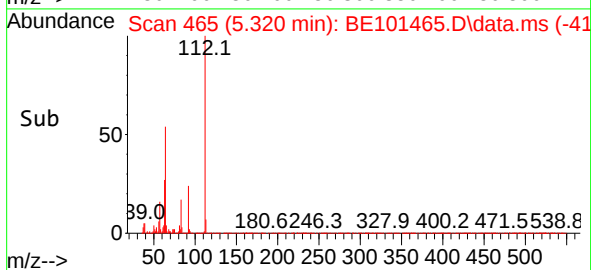
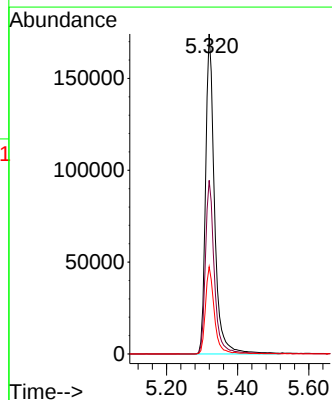
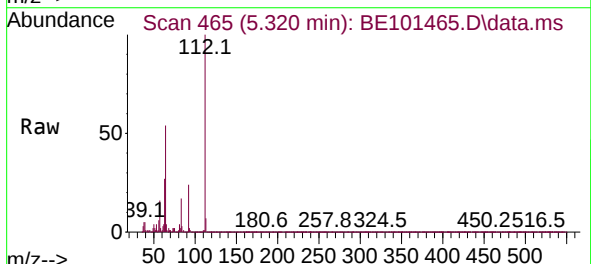
Instrument :
BNA_E
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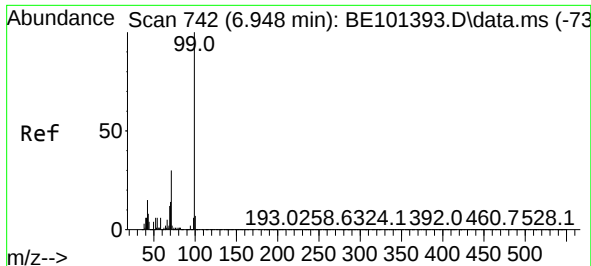
Tgt Ion:152 Resp: 53466
Ion Ratio Lower Upper
152 100
150 157.8 124.2 186.4
115 57.2 45.3 67.9



#5
2-Fluorophenol
Concen: 100.132 ng
RT: 5.320 min Scan# 465
Delta R.T. -0.000 min
Lab File: BE101465.D
Acq: 4 Nov 2024 21:01

Tgt Ion:112 Resp: 305457
Ion Ratio Lower Upper
112 100
64 54.2 43.7 65.5
63 27.3 21.4 32.2

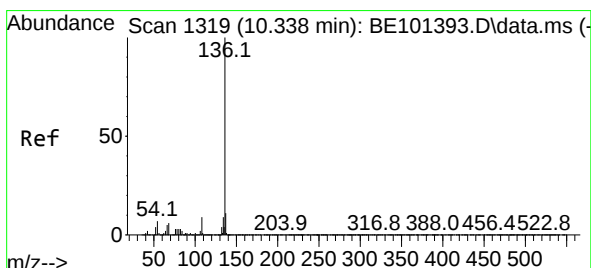
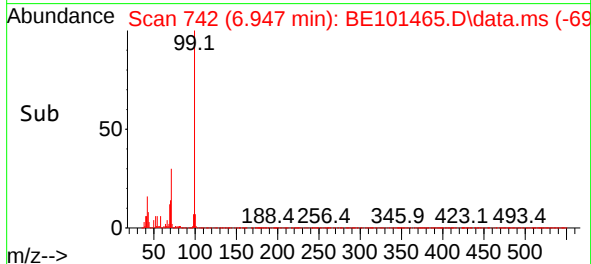
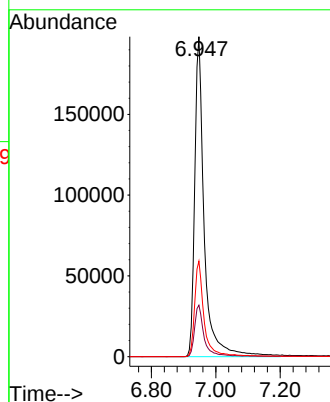
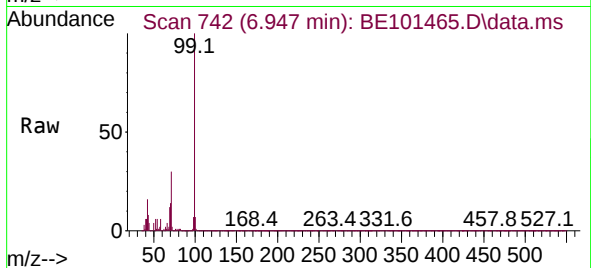




#7
Phenol-d6
Concen: 96.816 ng
RT: 6.947 min Scan# 742
Delta R.T. -0.000 min
Lab File: BE101465.D
Acq: 4 Nov 2024 21:01

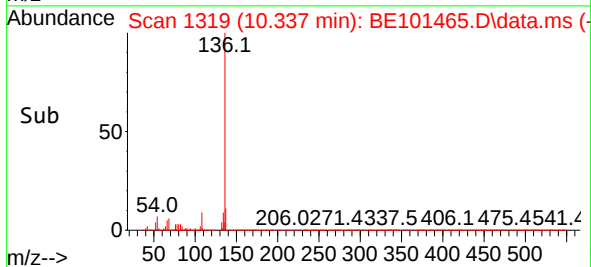
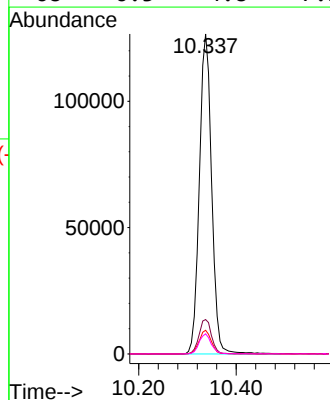
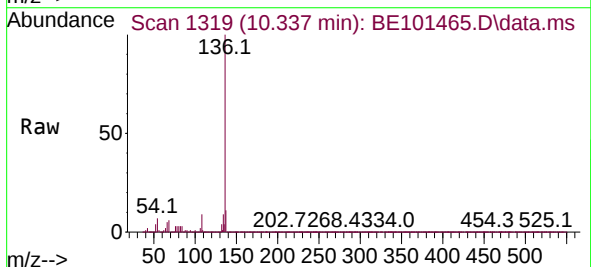
Instrument :
BNA_E
ClientSampleId :
COMP-5

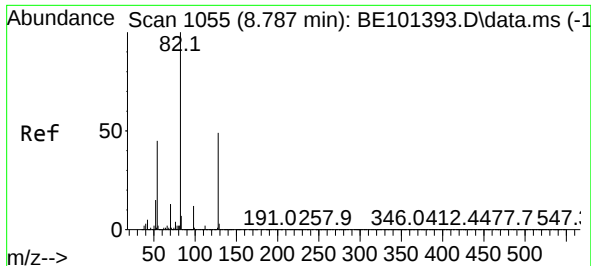
Tgt Ion: 99 Resp: 409522
Ion Ratio Lower Upper
99 100
42 16.1 12.3 18.5
71 29.8 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101465.D
Acq: 4 Nov 2024 21:01

Tgt Ion: 136 Resp: 221932
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 7.4 5.9 8.9
68 6.3 4.8 7.2

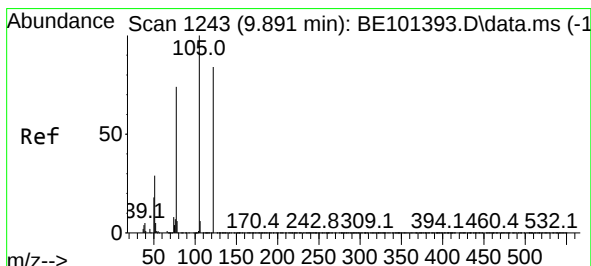
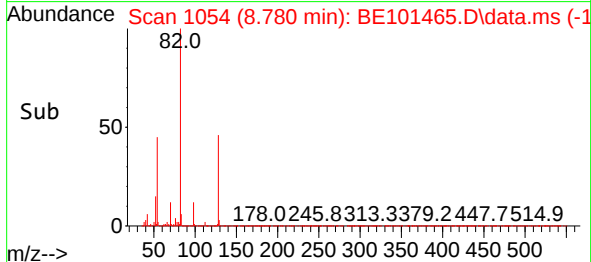
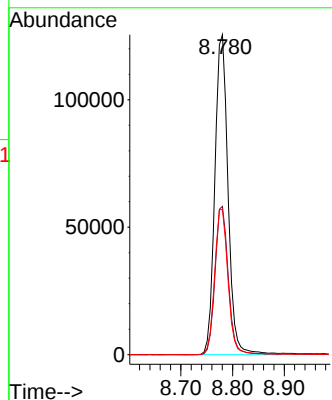
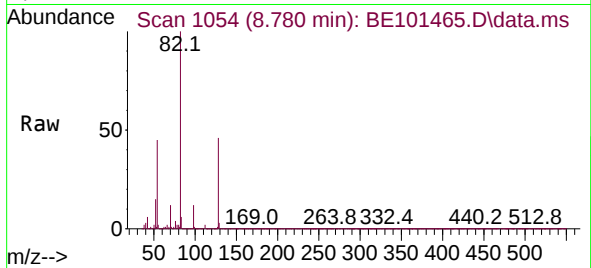




#23
Nitrobenzene-d5
Concen: 62.900 ng
RT: 8.780 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BE101465.D
Acq: 4 Nov 2024 21:01

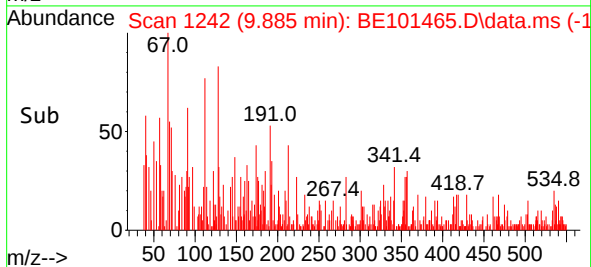
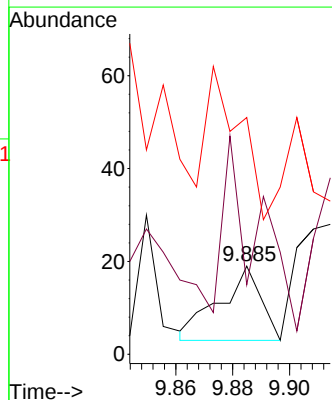
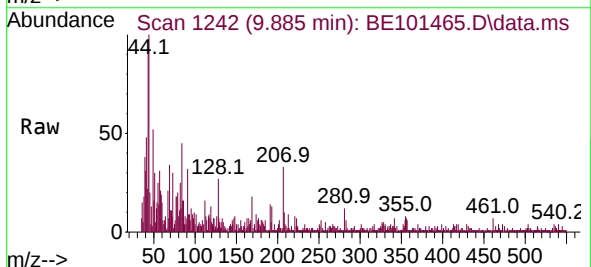
Instrument :
BNA_E
ClientSampleId :
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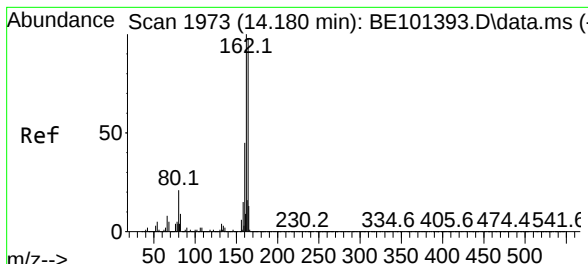
Tgt Ion: 82 Resp: 222253
Ion Ratio Lower Upper
82 100
128 46.4 38.9 58.3
54 45.3 36.2 54.4



#32
Benzoic acid
Concen: 8.221 ng
RT: 9.885 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BE101465.D
Acq: 4 Nov 2024 21:01

Tgt Ion:122 Resp: 16
Ion Ratio Lower Upper
122 100
105 78.9 97.9 137.9#
77 268.4 68.1 108.1#

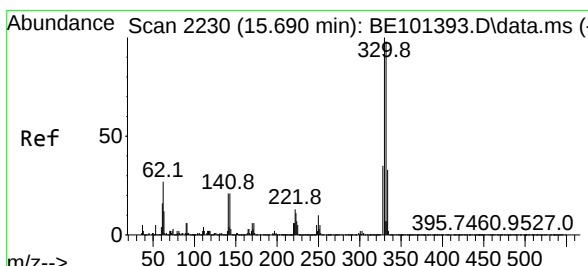
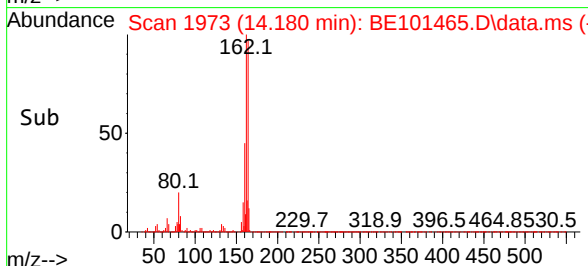
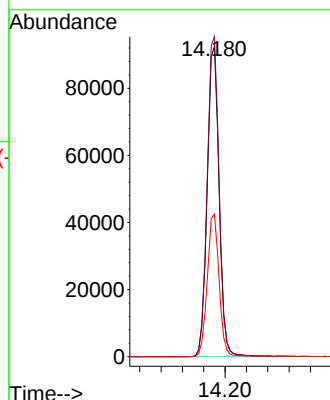
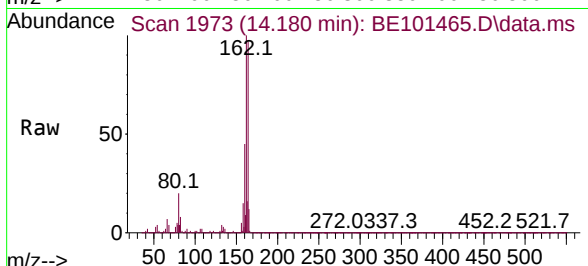




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.180 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BE101465.D
Acq: 4 Nov 2024 21:01

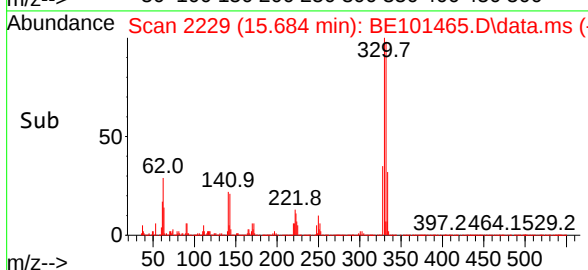
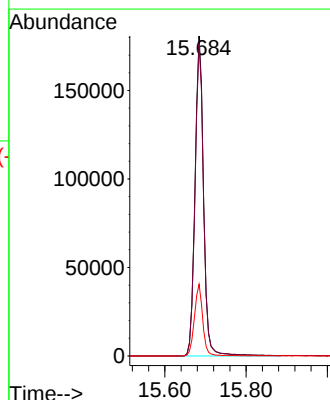
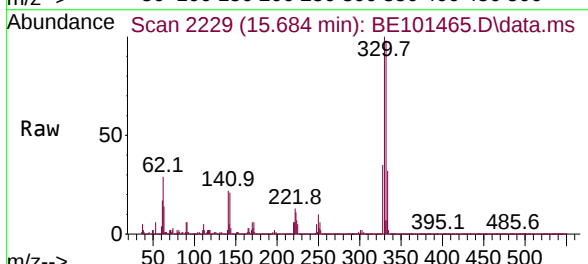
Instrument :
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ClientSampleId :
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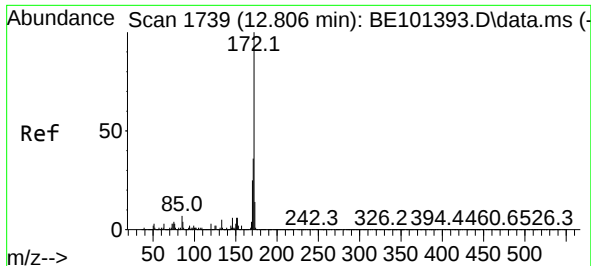
Tgt Ion:164 Resp: 143072
Ion Ratio Lower Upper
164 100
162 103.1 81.3 121.9
160 45.9 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 105.950 ng
RT: 15.684 min Scan# 2229
Delta R.T. -0.006 min
Lab File: BE101465.D
Acq: 4 Nov 2024 21:01

Tgt Ion:330 Resp: 265680
Ion Ratio Lower Upper
330 100
332 97.9 78.2 117.2
141 21.9 18.3 27.5

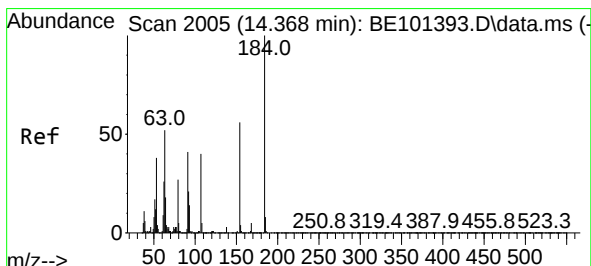
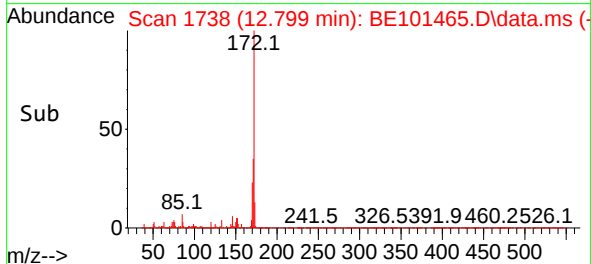
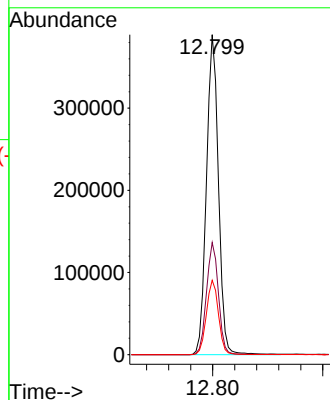
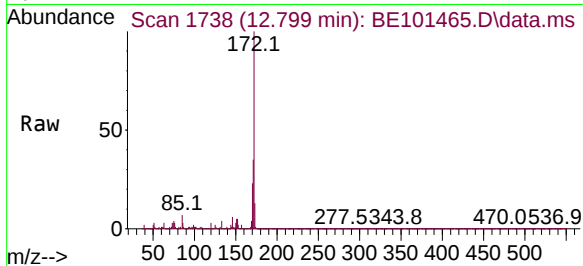




#45
2-Fluorobiphenyl
Concen: 69.525 ng
RT: 12.799 min Scan# 1
Delta R.T. -0.006 min
Lab File: BE101465.D
Acq: 4 Nov 2024 21:01

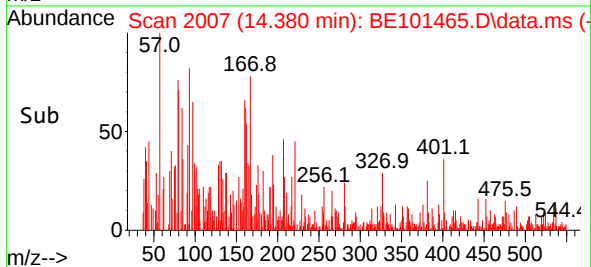
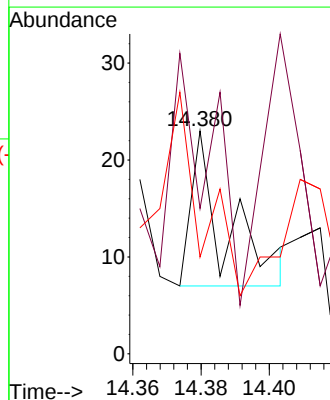
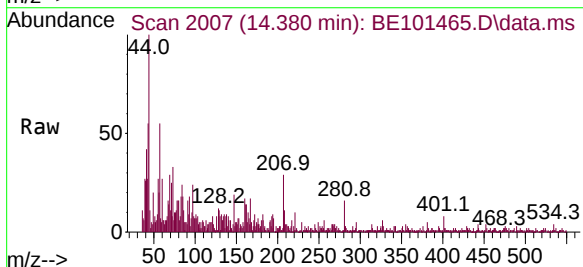
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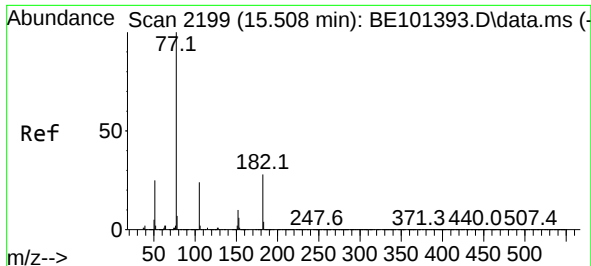
Tgt Ion:172 Resp: 587356
Ion Ratio Lower Upper
172 100
171 35.1 29.2 43.8
170 23.2 19.8 29.6



#54
2,4-Dinitrophenol
Concen: 5.623 ng
RT: 14.380 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BE101465.D
Acq: 4 Nov 2024 21:01

Tgt Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 65.2 41.8 62.6#
154 43.5 44.9 67.3#

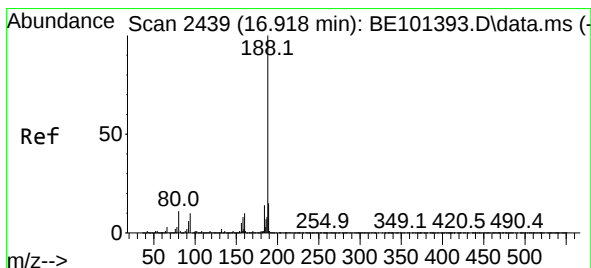
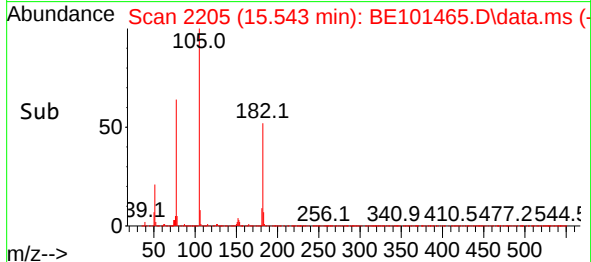
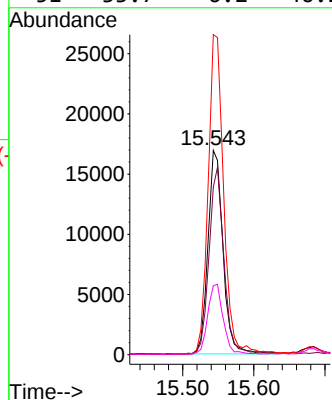
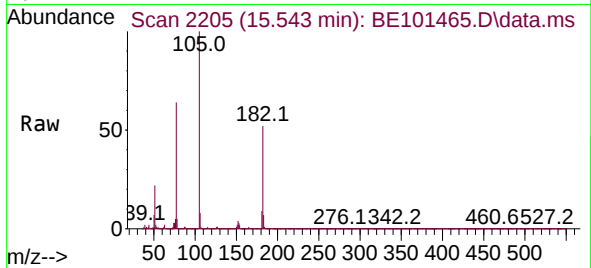




#63
Azobenzene
Concen: 2.749 ng
RT: 15.543 min Scan# 2199
Delta R.T. 0.035 min
Lab File: BE101465.D
Acq: 4 Nov 2024 21:01

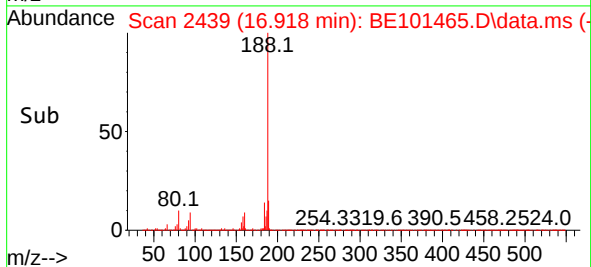
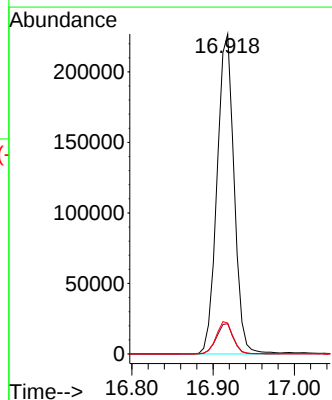
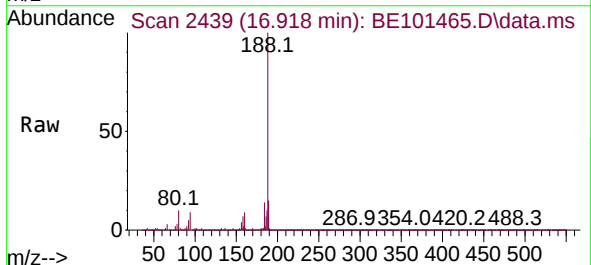
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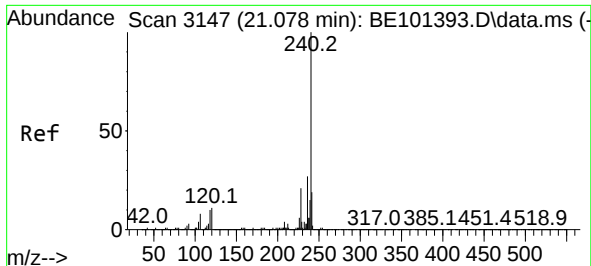
Tgt Ion: 77 Resp: 24960
Ion Ratio Lower Upper
77 100
182 82.0 7.6 47.6#
105 156.6 3.2 43.2#
51 33.7 6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.918 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BE101465.D
Acq: 4 Nov 2024 21:01

Tgt Ion: 188 Resp: 331097
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.8
80 9.6 8.6 12.8

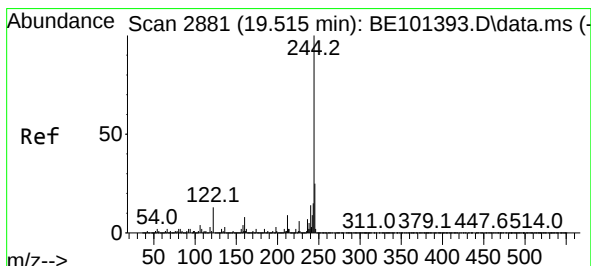
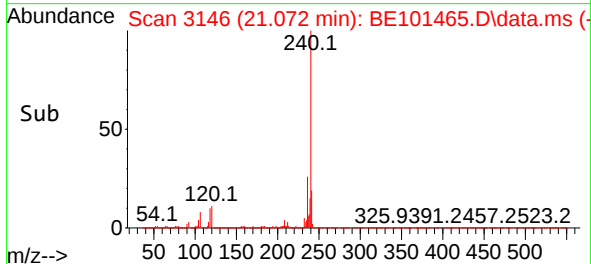
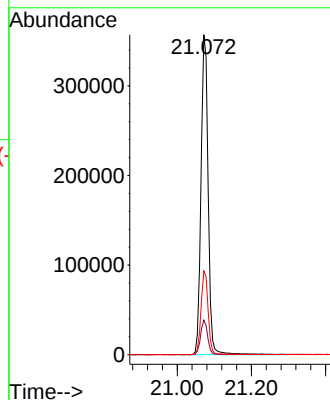
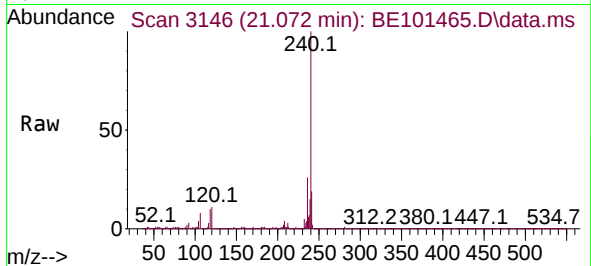




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.072 min Scan# 3147
Delta R.T. -0.006 min
Lab File: BE101465.D
Acq: 4 Nov 2024 21:01

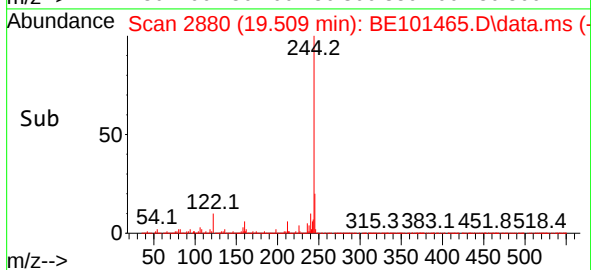
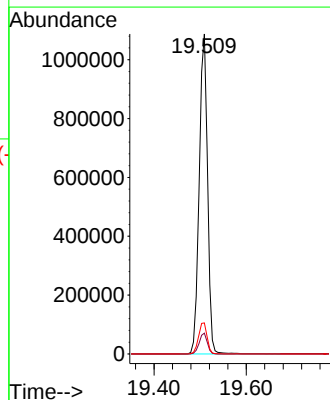
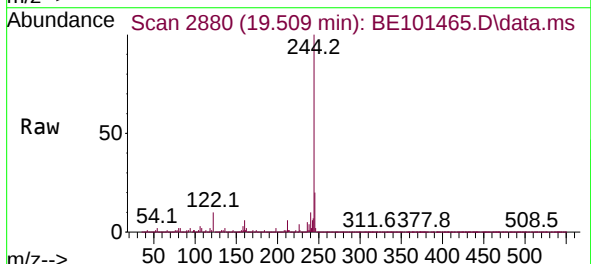
Instrument :
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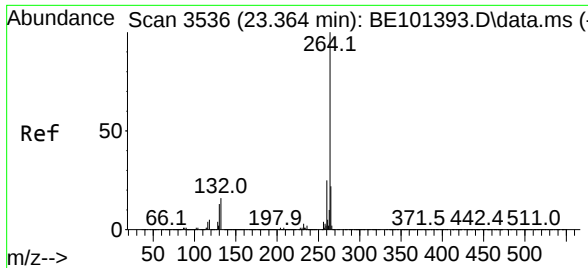
Tgt Ion:240 Resp: 474755
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.4
236 26.2 21.4 32.0



#79
Terphenyl-d14
Concen: 66.002 ng
RT: 19.509 min Scan# 2880
Delta R.T. -0.006 min
Lab File: BE101465.D
Acq: 4 Nov 2024 21:01

Tgt Ion:244 Resp: 1361464
Ion Ratio Lower Upper
244 100
212 6.5 7.2 10.8#
122 9.7 10.4 15.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.363 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BE101465.D
 Acq: 4 Nov 2024 21:01

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion:264 Resp: 655789

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.8
265	21.7	17.6	26.4

