

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
 Data File : BE101466.D
 Acq On : 4 Nov 2024 21:37
 Operator : RC/JU
 Sample : P4675-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 COMP-6

Quant Time: Nov 04 22:08:46 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)

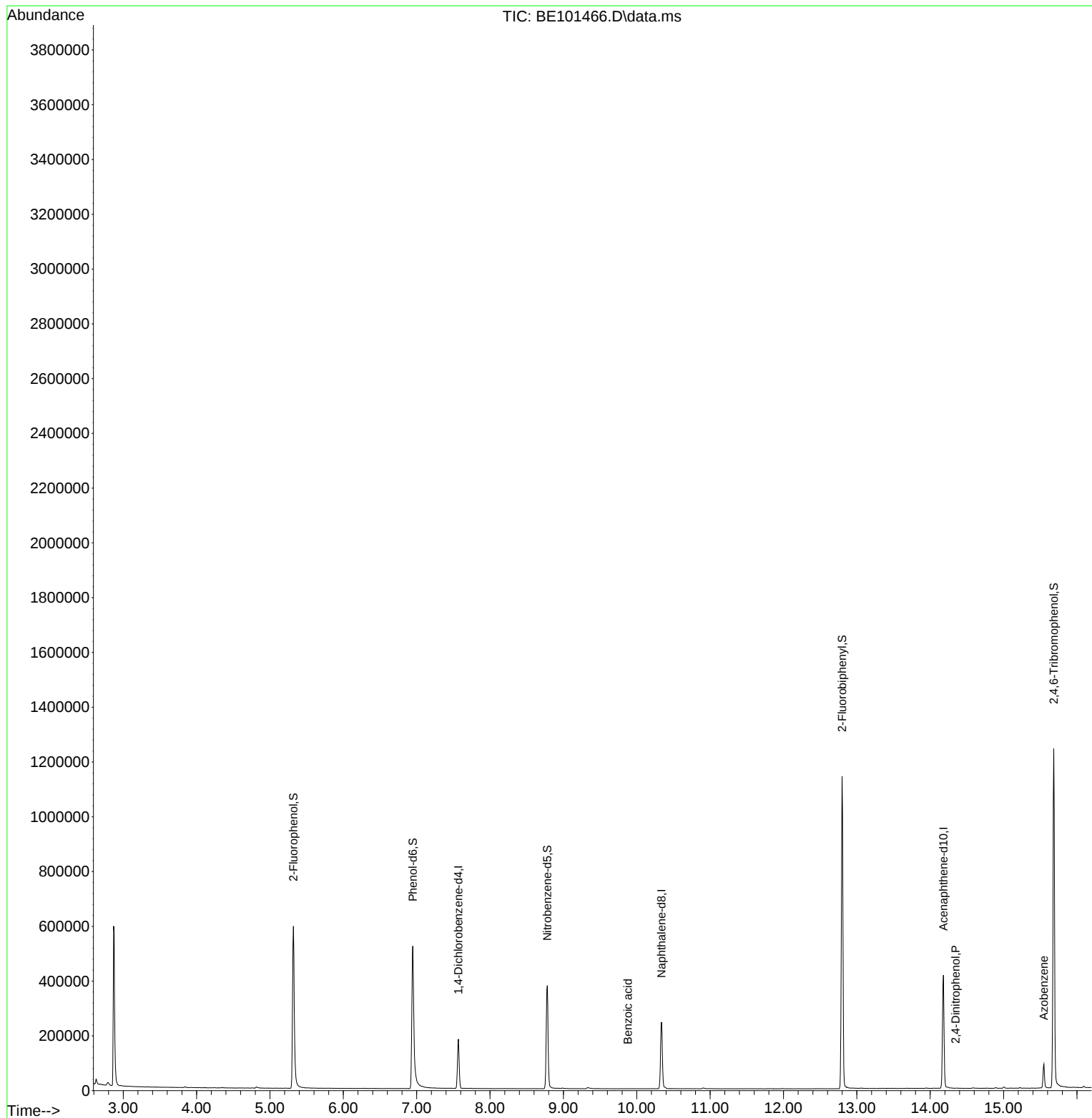
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	51986	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	218976	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	149142	20.000	ng	0.00
64) Phenanthrene-d10	16.912	188	383193	20.000	ng	0.00
76) Chrysene-d12	21.077	240	519087	20.000	ng	0.00
86) Perylene-d12	23.363	264	689221	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	318665	107.435	ng	0.00
7) Phenol-d6	6.947	99	415478	101.020	ng	0.00
23) Nitrobenzene-d5	8.780	82	233185	66.885	ng	0.00
42) 2,4,6-Tribromophenol	15.684	330	308150	117.885	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	617595	70.129	ng	0.00
79) Terphenyl-d14	19.509	244	1600013	70.942	ng	0.00
Target Compounds						
32) Benzoic acid	9.879	122	56	8.236	ng	Qvalue # 60
54) 2,4-Dinitrophenol	14.344	184	6	5.620	ng	# 1
63) Azobenzene	15.549	77	24547	2.593	ng	# 1

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

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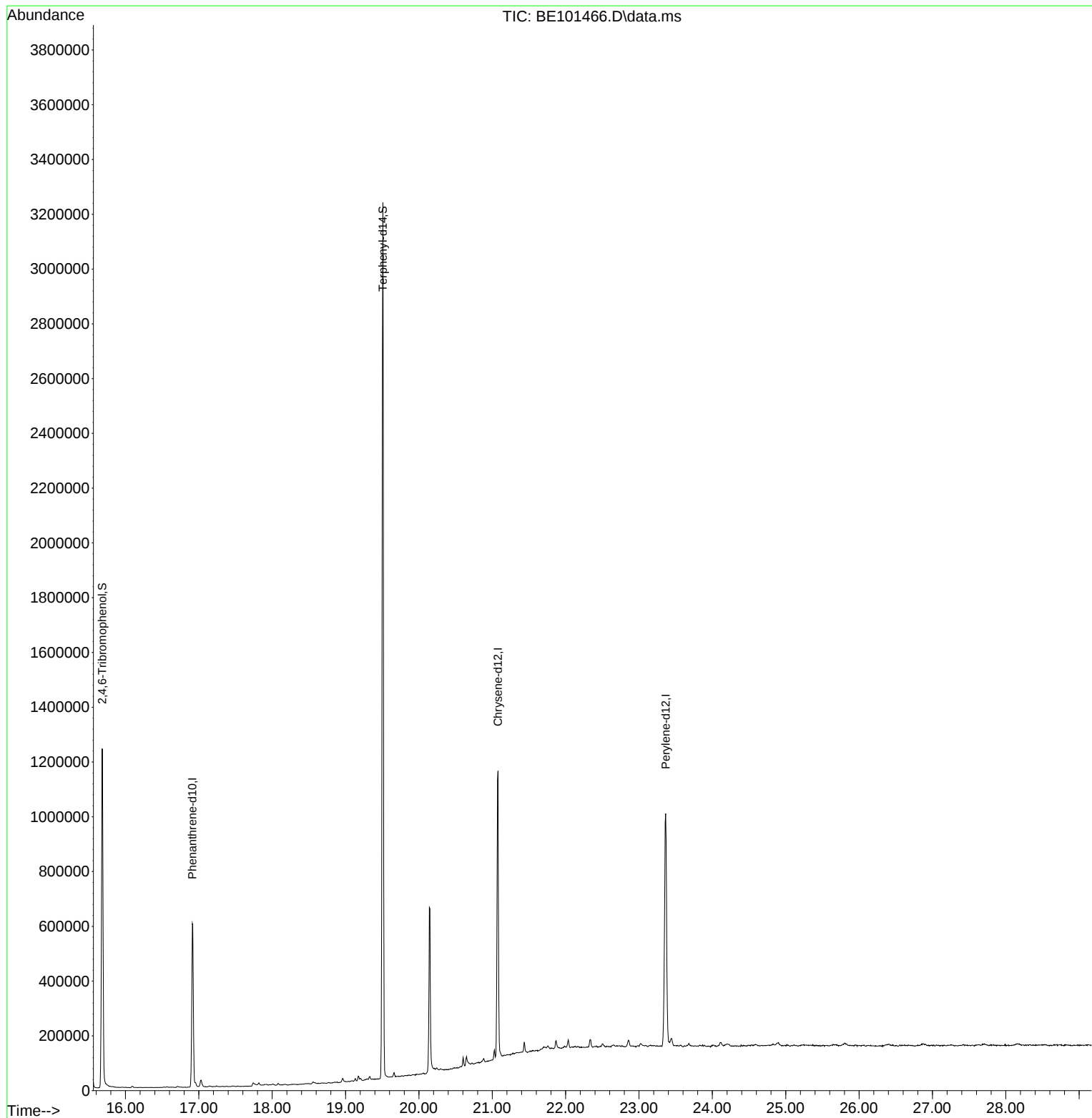
Quant Time: Nov 04 22:08:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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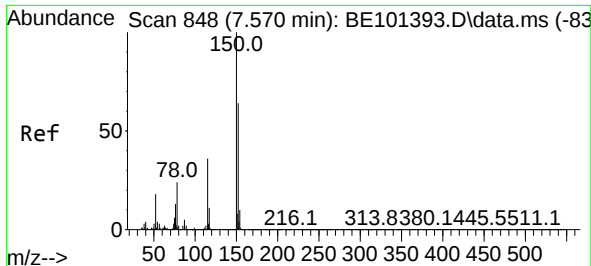


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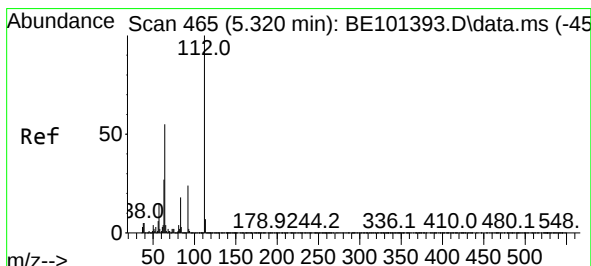
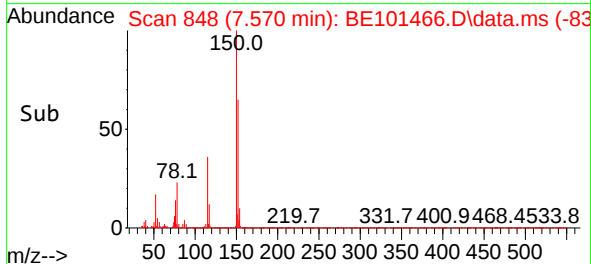
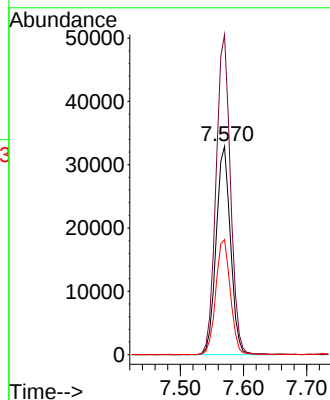
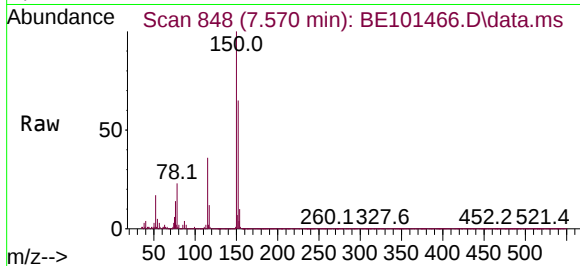




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 84
Delta R.T. -0.000 min
Lab File: BE101466.D
Acq: 4 Nov 2024 21:37

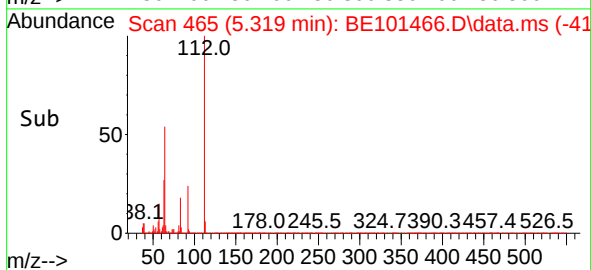
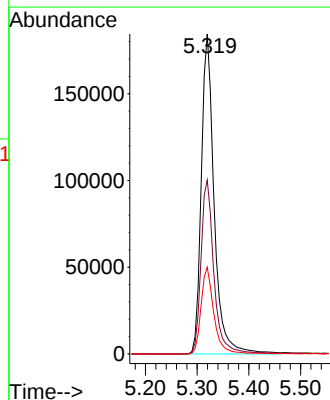
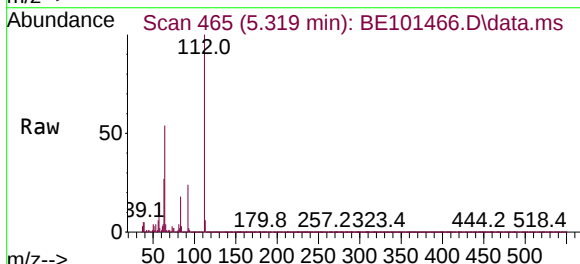
Instrument :
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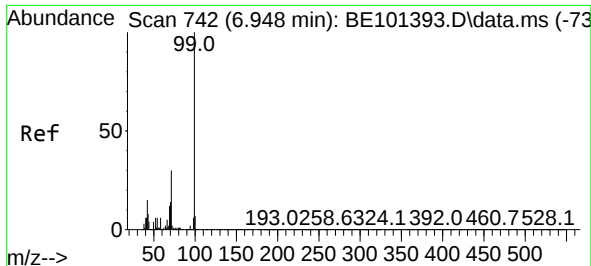
Tgt Ion:152 Resp: 51986
Ion Ratio Lower Upper
152 100
150 153.6 124.2 186.4
115 55.2 45.3 67.9



#5
2-Fluorophenol
Concen: 107.435 ng
RT: 5.319 min Scan# 465
Delta R.T. -0.001 min
Lab File: BE101466.D
Acq: 4 Nov 2024 21:37

Tgt Ion:112 Resp: 318665
Ion Ratio Lower Upper
112 100
64 54.3 43.7 65.5
63 27.1 21.4 32.2

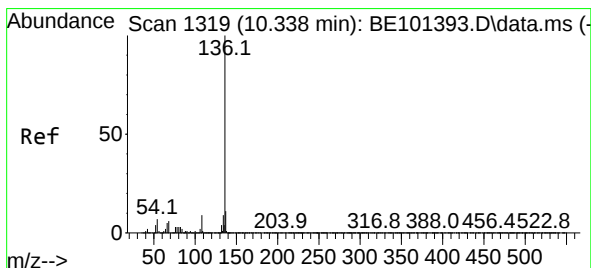
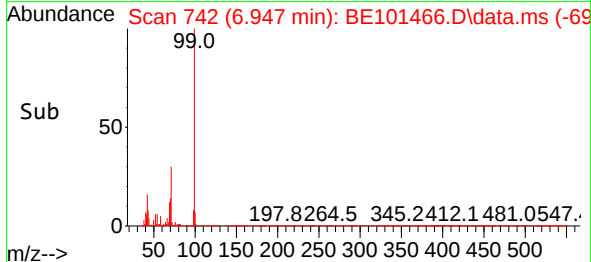
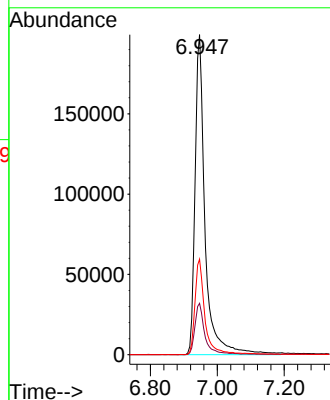
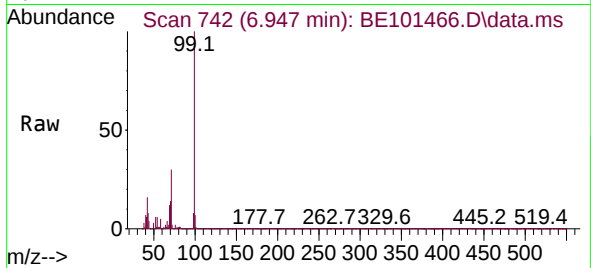




#7
Phenol-d6
Concen: 101.020 ng
RT: 6.947 min Scan# 742
Delta R.T. -0.001 min
Lab File: BE101466.D
Acq: 4 Nov 2024 21:37

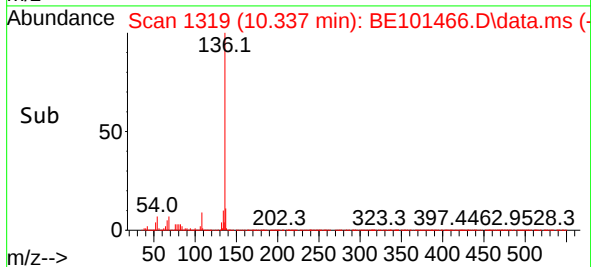
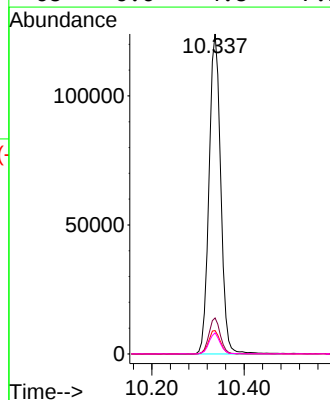
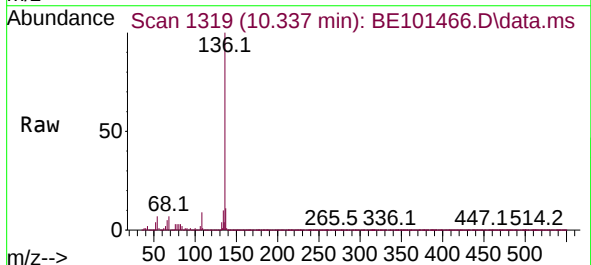
Instrument :
BNA_E
ClientSampleId :
COMP-6

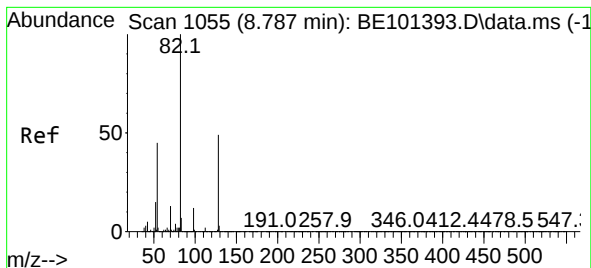
Tgt Ion: 99 Resp: 415478
Ion Ratio Lower Upper
99 100
42 16.1 12.3 18.5
71 29.8 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101466.D
Acq: 4 Nov 2024 21:37

Tgt Ion: 136 Resp: 218976
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 7.3 5.9 8.9
68 6.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 66.885 ng

RT: 8.780 min Scan# 1

Delta R.T. -0.007 min

Lab File: BE101466.D

Acq: 4 Nov 2024 21:37

Instrument :

BNA_E

ClientSampleId :

COMP-6

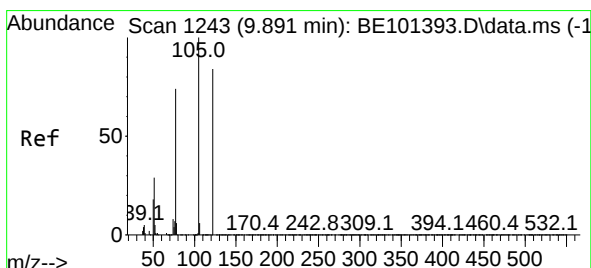
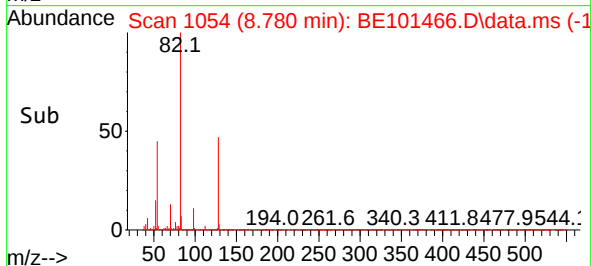
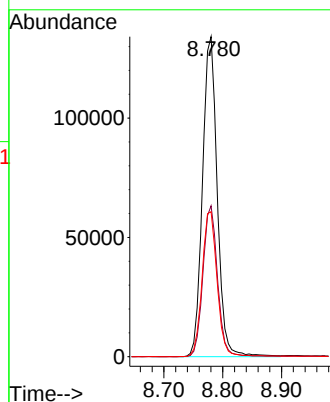
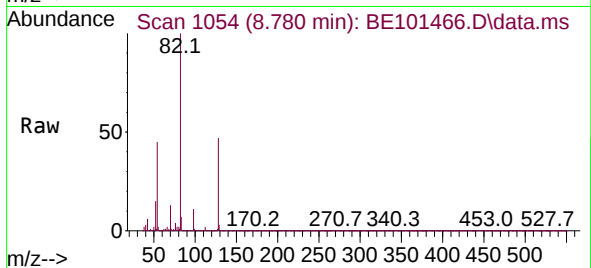
Tgt Ion: 82 Resp: 233185

Ion Ratio Lower Upper

82 100

128 47.1 38.9 58.3

54 45.3 36.2 54.4



#32

Benzoic acid

Concen: 8.236 ng

RT: 9.879 min Scan# 1241

Delta R.T. -0.012 min

Lab File: BE101466.D

Acq: 4 Nov 2024 21:37

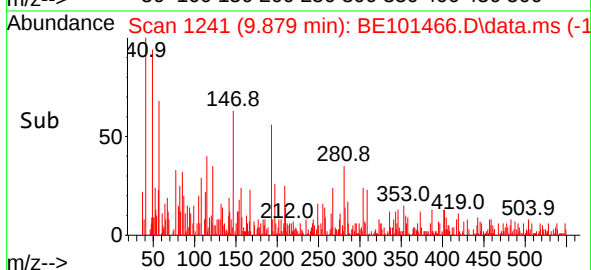
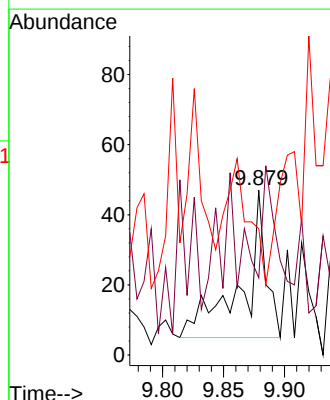
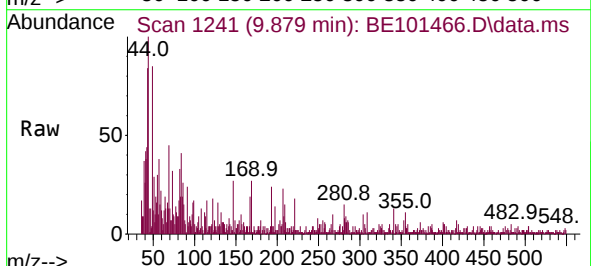
Tgt Ion: 122 Resp: 56

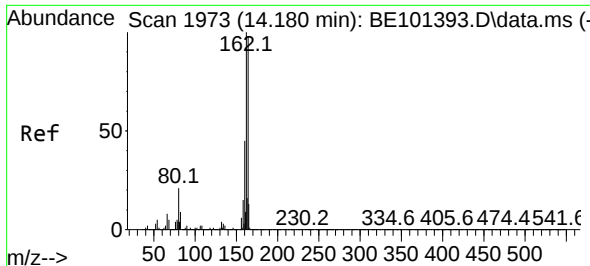
Ion Ratio Lower Upper

122 100

105 51.1 97.9 137.9

77 76.6 68.1 108.1

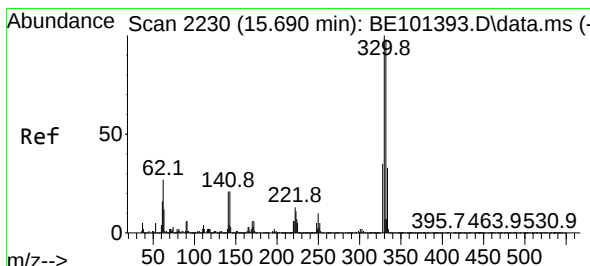
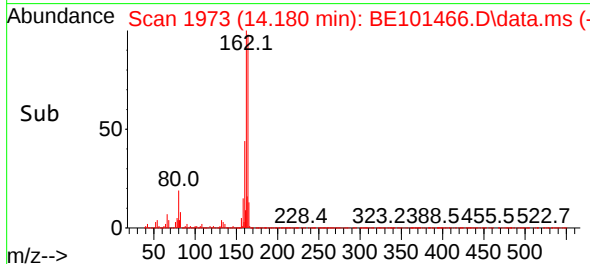
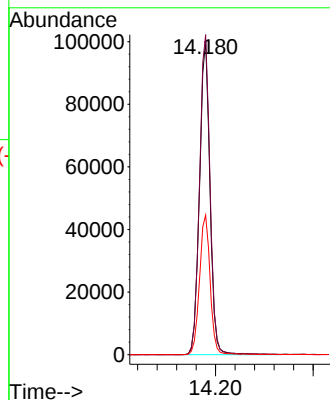
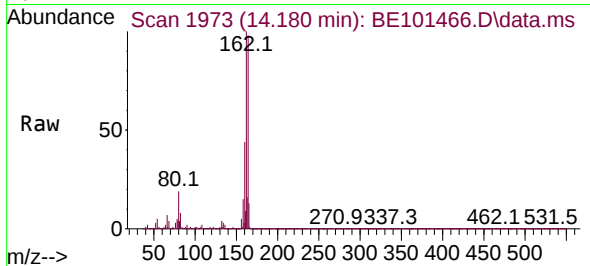




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.180 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BE101466.D
Acq: 4 Nov 2024 21:37

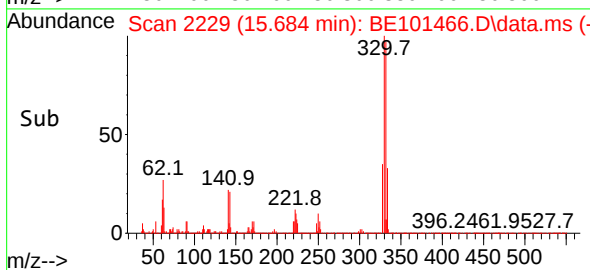
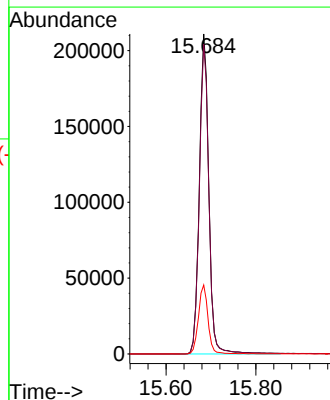
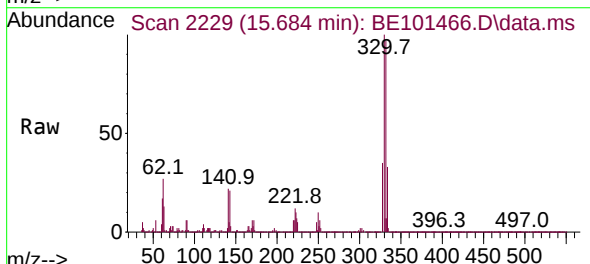
Instrument :
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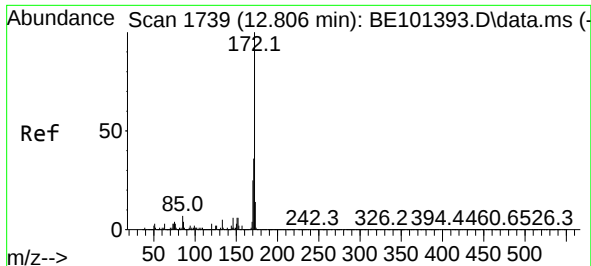
Tgt Ion:164 Resp: 149142
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 44.5 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 117.885 ng
RT: 15.684 min Scan# 2229
Delta R.T. -0.007 min
Lab File: BE101466.D
Acq: 4 Nov 2024 21:37

Tgt Ion:330 Resp: 308150
Ion Ratio Lower Upper
330 100
332 97.7 78.2 117.2
141 21.8 18.3 27.5

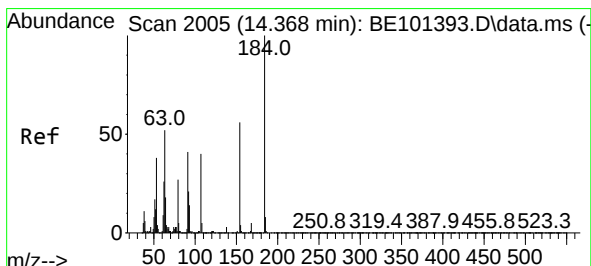
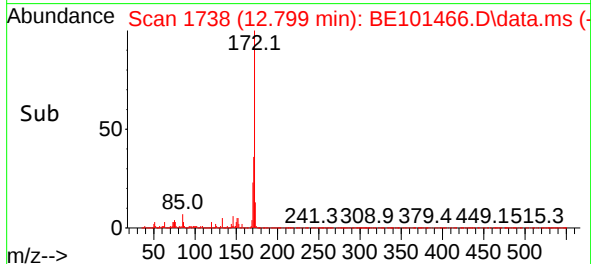
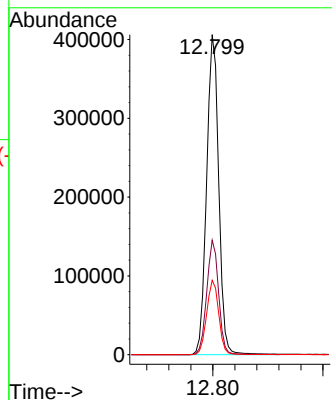
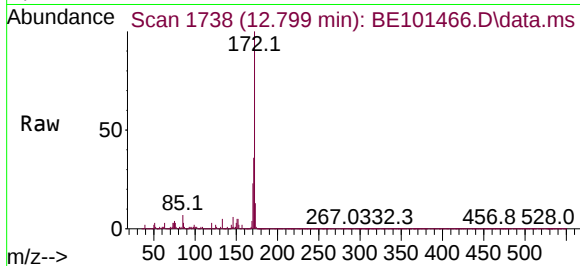




#45
2-Fluorobiphenyl
Concen: 70.129 ng
RT: 12.799 min Scan# 1
Delta R.T. -0.007 min
Lab File: BE101466.D
Acq: 4 Nov 2024 21:37

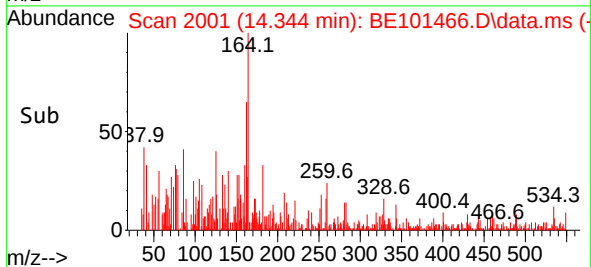
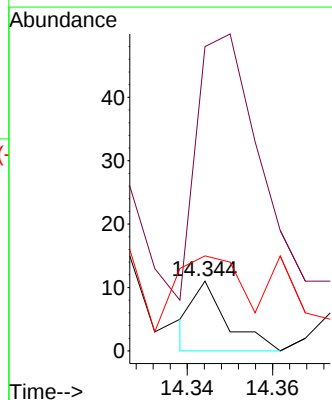
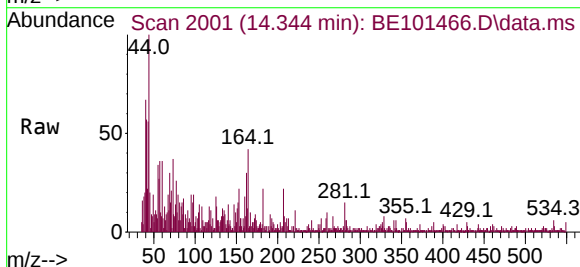
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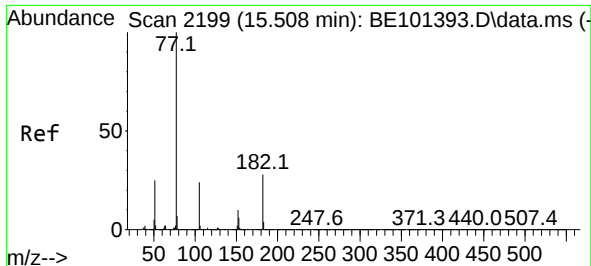
Tgt Ion:172 Resp: 617595
Ion Ratio Lower Upper
172 100
171 35.8 29.2 43.8
170 23.2 19.8 29.6



#54
2,4-Dinitrophenol
Concen: 5.620 ng
RT: 14.344 min Scan# 2001
Delta R.T. -0.024 min
Lab File: BE101466.D
Acq: 4 Nov 2024 21:37

Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 436.4 41.8 62.6#
154 136.4 44.9 67.3#

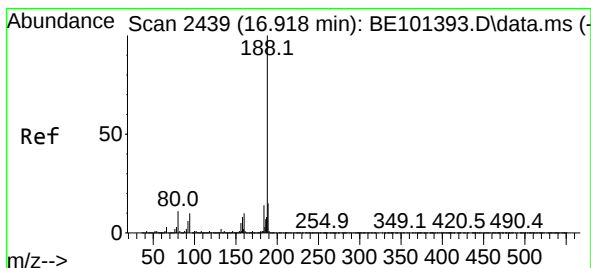
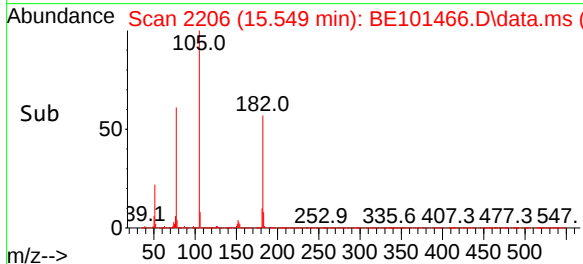
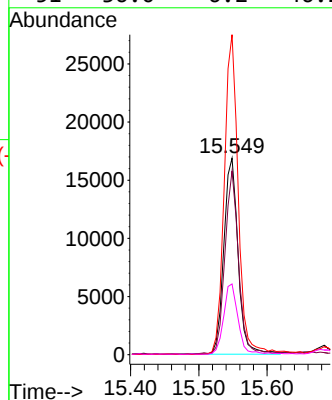
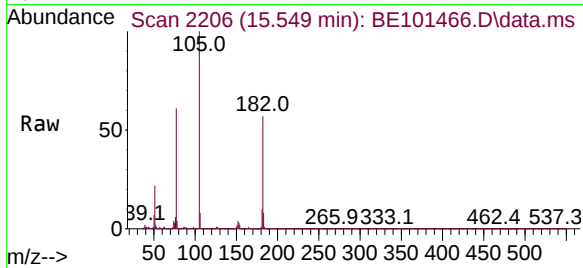




#63
Azobenzene
Concen: 2.593 ng
RT: 15.549 min Scan# 2199
Delta R.T. 0.040 min
Lab File: BE101466.D
Acq: 4 Nov 2024 21:37

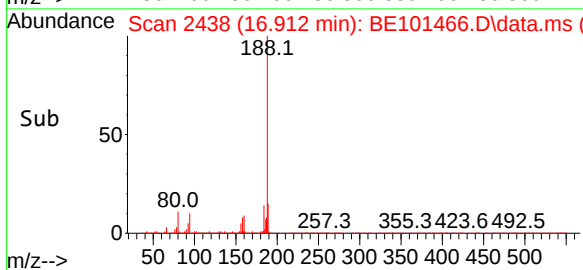
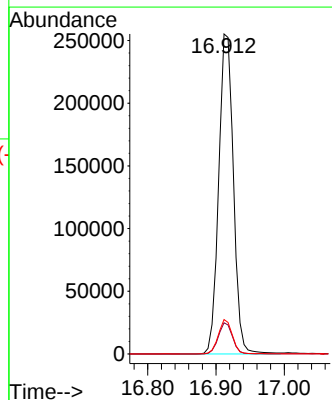
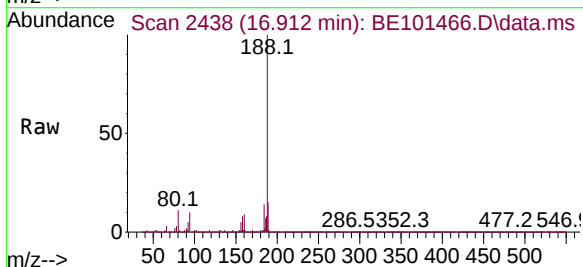
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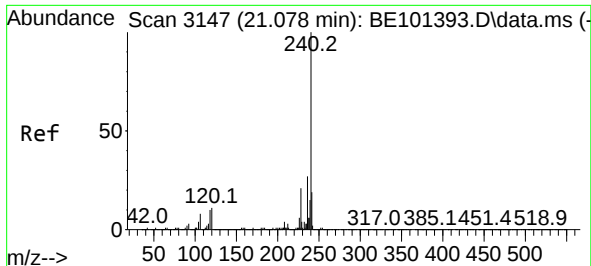
Tgt Ion: 77	Resp: 24547
Ion Ratio	Lower Upper
77 100	
182 93.5	7.6 47.6#
105 162.8	3.2 43.2#
51 36.0	6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.912 min Scan# 2438
Delta R.T. -0.007 min
Lab File: BE101466.D
Acq: 4 Nov 2024 21:37

Tgt Ion: 188	Resp: 383193
Ion Ratio	Lower Upper
188 100	
94 9.8	7.8 11.8
80 10.7	8.6 12.8

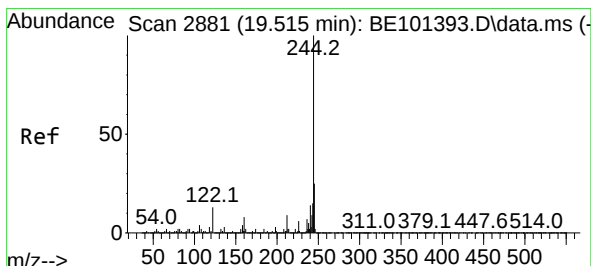
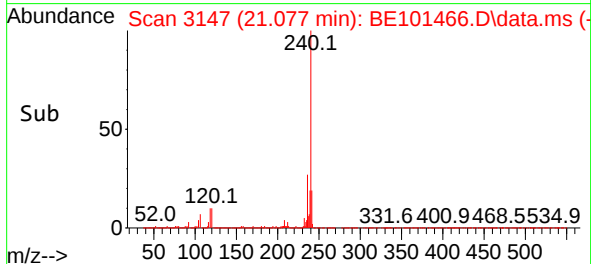
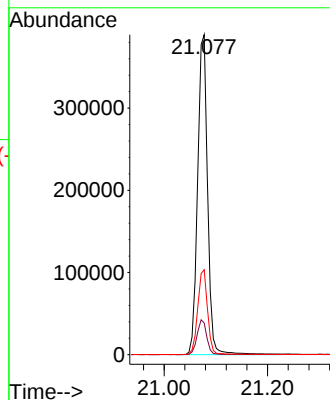
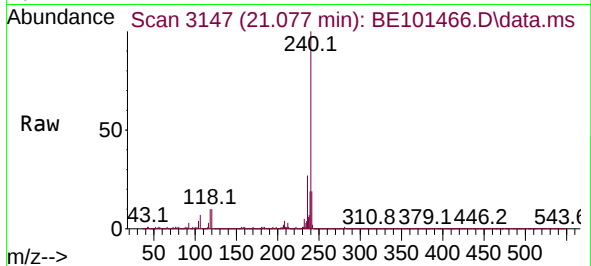




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.077 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BE101466.D
Acq: 4 Nov 2024 21:37

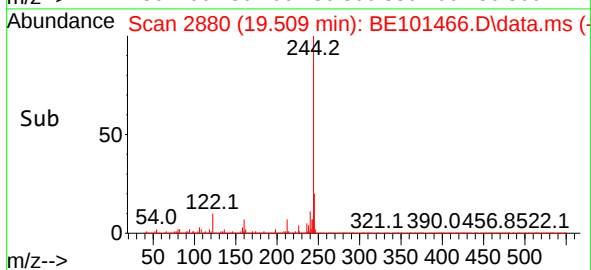
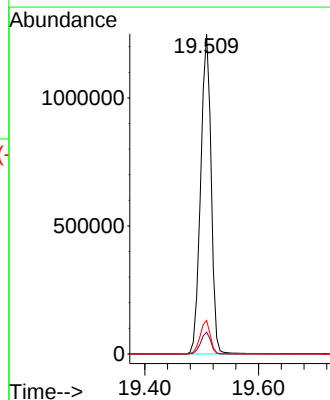
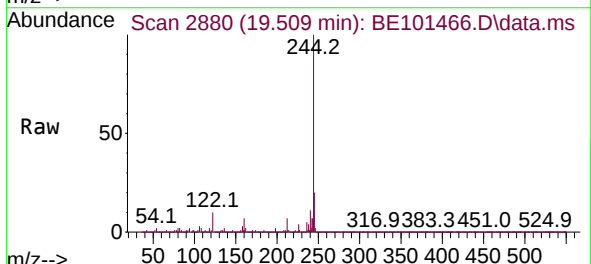
Instrument :
BNA_E
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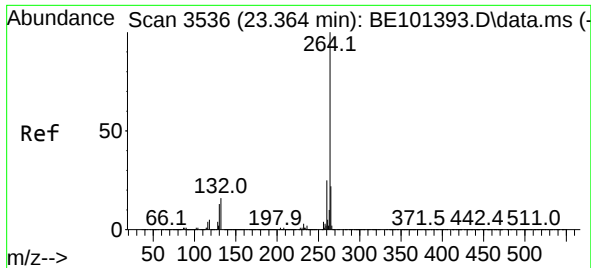
Tgt Ion:240 Resp: 519087
Ion Ratio Lower Upper
240 100
120 9.9 9.0 13.4
236 26.5 21.4 32.0



#79
Terphenyl-d14
Concen: 70.942 ng
RT: 19.509 min Scan# 2880
Delta R.T. -0.006 min
Lab File: BE101466.D
Acq: 4 Nov 2024 21:37

Tgt Ion:244 Resp: 1600013
Ion Ratio Lower Upper
244 100
212 6.8 7.2 10.8#
122 10.5 10.4 15.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.363 min Scan# 31
Delta R.T. -0.001 min
Lab File: BE101466.D
Acq: 4 Nov 2024 21:37

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion:264 Resp: 689221

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.8
265	21.4	17.6	26.4

