

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
 Data File : BE101456.D
 Acq On : 4 Nov 2024 15:42
 Operator : RC/JU
 Sample : P4667-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-F-7

Quant Time: Nov 04 15:35:59 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)

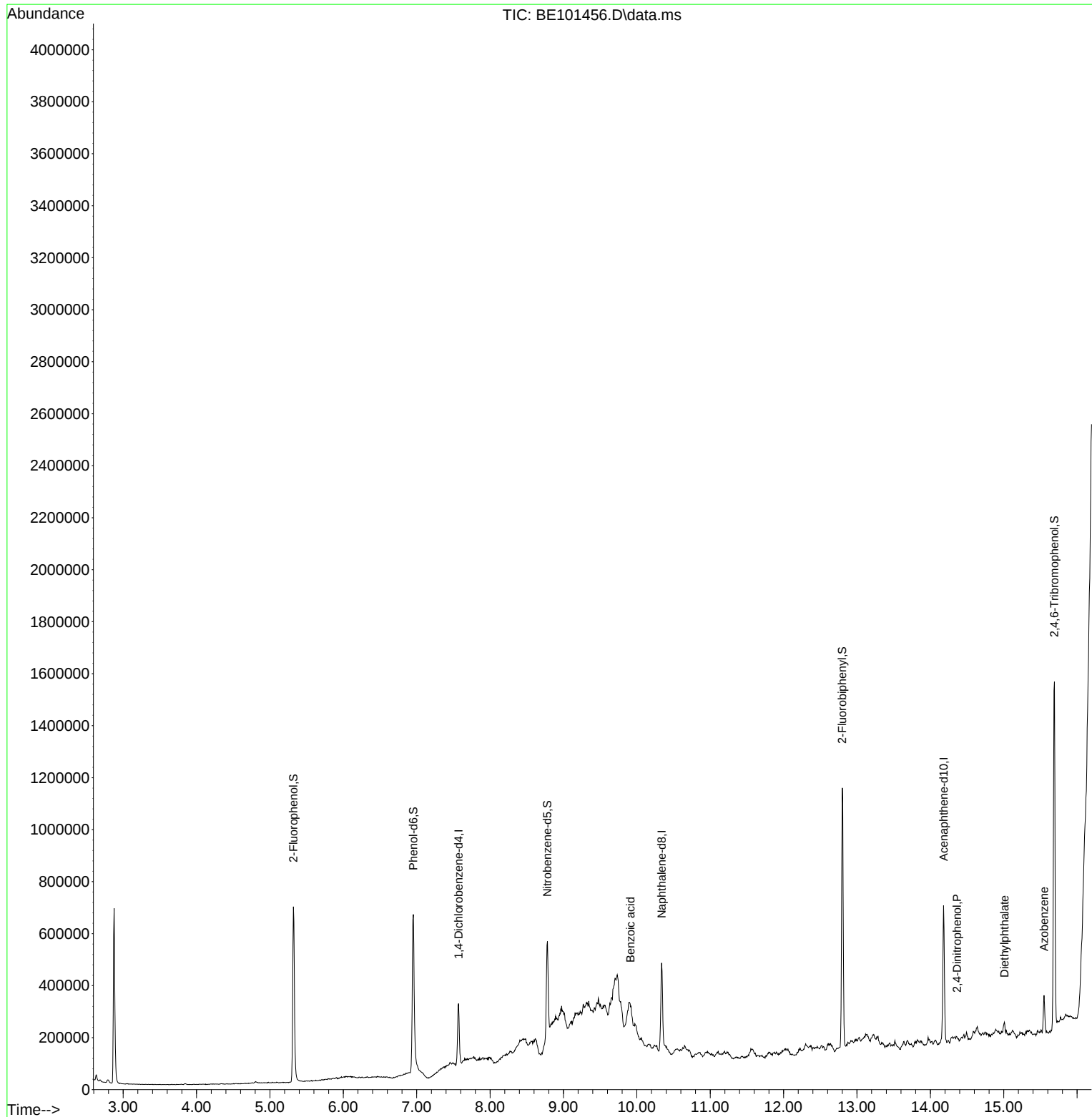
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.571	152	69473	20.000	ng	0.00
21) Naphthalene-d8	10.338	136	285452	20.000	ng	0.00
39) Acenaphthene-d10	14.181	164	179101	20.000	ng	0.00
64) Phenanthrene-d10	16.919	188	406151	20.000	ng	0.00
76) Chrysene-d12	21.079	240	524140	20.000	ng	0.00
86) Perylene-d12	23.370	264	755529	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.321	112	348973	88.039	ng	0.00
7) Phenol-d6	6.954	99	472052	85.886	ng	0.00
23) Nitrobenzene-d5	8.781	82	236625	52.066	ng	0.00
42) 2,4,6-Tribromophenol	15.691	330	345031	109.915	ng	0.00
45) 2-Fluorobiphenyl	12.800	172	541494	51.202	ng	0.00
79) Terphenyl-d14	19.516	244	1343166	58.980	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.915	122	381	8.320	ng	# 47
54) 2,4-Dinitrophenol	14.363	184	18	5.625	ng	# 1
60) Diethylphthalate	15.009	149	29000	2.193	ng	99
63) Azobenzene	15.550	77	38757	3.410	ng	# 1
68) Hexachlorobenzene	16.214	284	255172	45.566	ng	# 49
84) Bis(2-ethylhexyl)phtha...	21.049	149	501471	29.874	ng	# 55

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
Data File : BE101456.D
Acq On : 4 Nov 2024 15:42
Operator : RC/JU
Sample : P4667-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-F-7

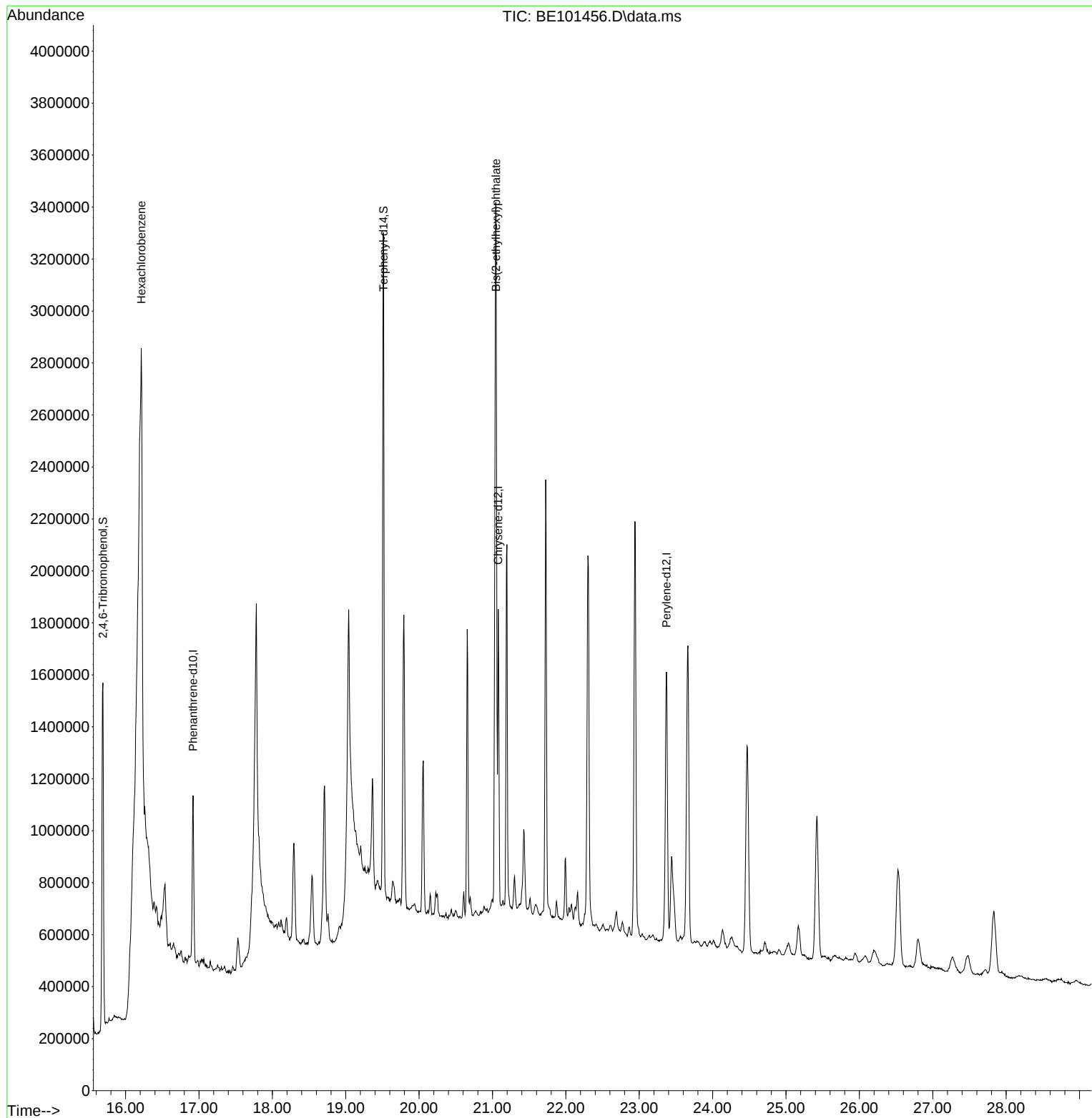
Quant Time: Nov 04 15:35:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

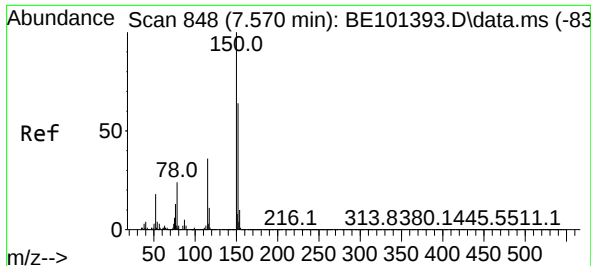


Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
Data File : BE101456.D
Acq On : 4 Nov 2024 15:42
Operator : RC/JU
Sample : P4667-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-F-7

Quant Time: Nov 04 15:35:59 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

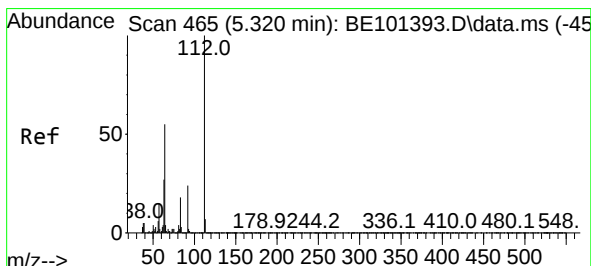
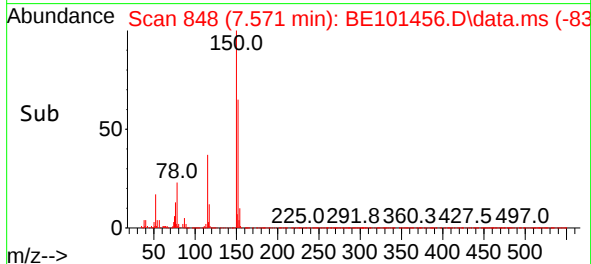
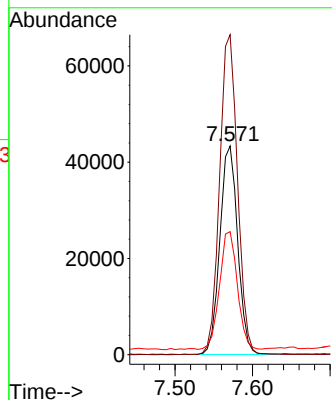
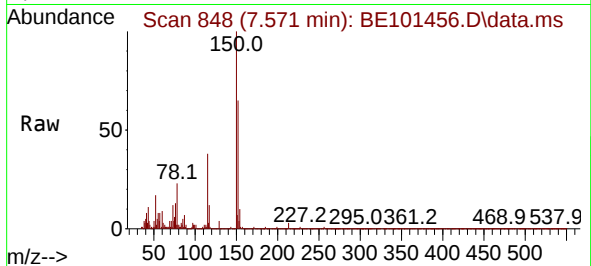




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.571 min Scan# 848
Delta R.T. 0.001 min
Lab File: BE101456.D
Acq: 4 Nov 2024 15:42

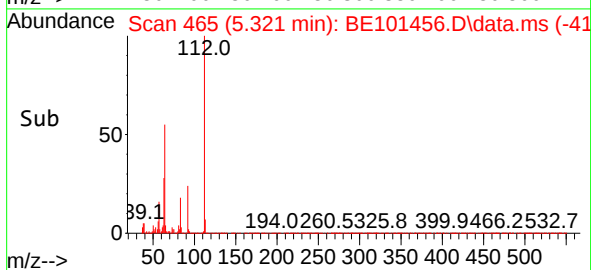
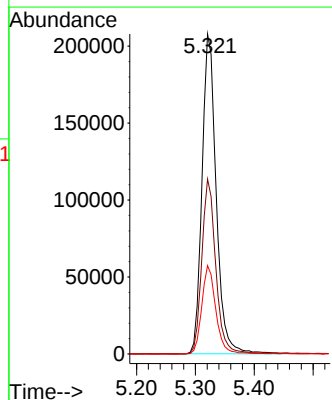
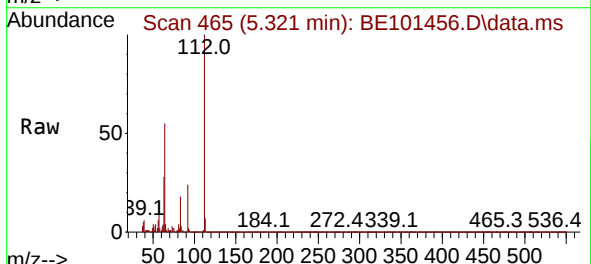
Instrument :
BNA_E
ClientSampleId :
BP-F-7

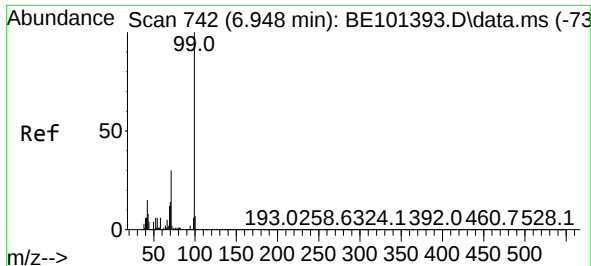
Tgt Ion:152 Resp: 69473
Ion Ratio Lower Upper
152 100
150 153.3 124.2 186.4
115 59.0 45.3 67.9



#5
2-Fluorophenol
Concen: 88.039 ng
RT: 5.321 min Scan# 465
Delta R.T. 0.000 min
Lab File: BE101456.D
Acq: 4 Nov 2024 15:42

Tgt Ion:112 Resp: 348973
Ion Ratio Lower Upper
112 100
64 54.6 43.7 65.5
63 27.6 21.4 32.2





#7

Phenol-d6

Concen: 85.886 ng

RT: 6.954 min Scan# 742

Delta R.T. 0.006 min

Lab File: BE101456.D

Acq: 4 Nov 2024 15:42

Instrument :

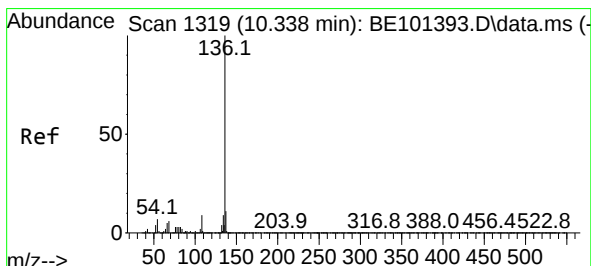
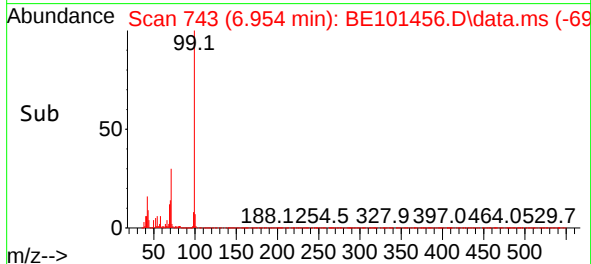
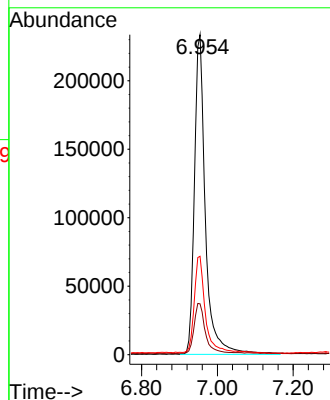
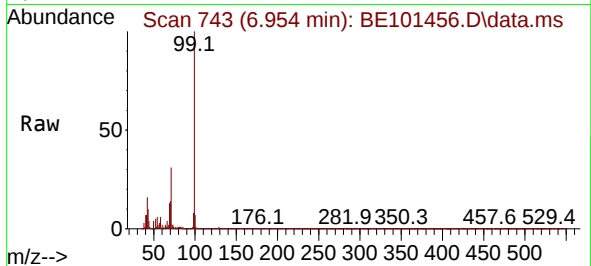
BNA_E

ClientSampleId :

BP-F-7

Tgt Ion: 99 Resp: 472052

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.3	18.5
71	30.7	23.8	35.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.338 min Scan# 1319

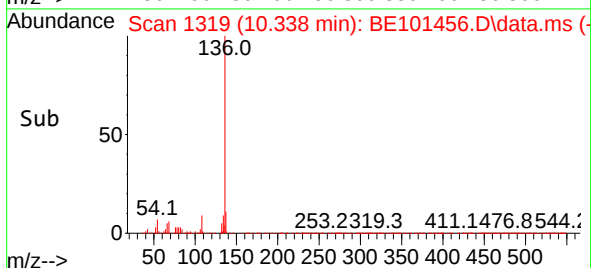
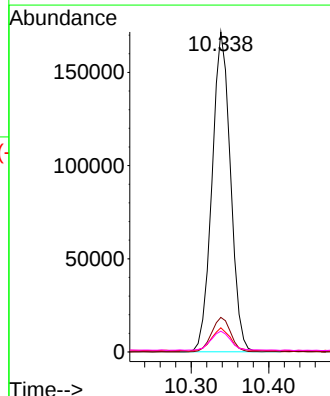
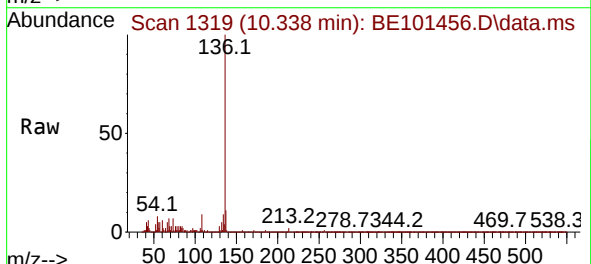
Delta R.T. 0.000 min

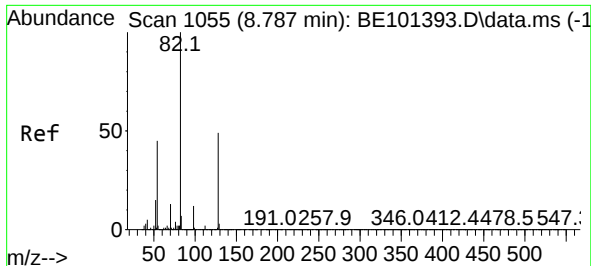
Lab File: BE101456.D

Acq: 4 Nov 2024 15:42

Tgt Ion: 136 Resp: 285452

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	7.6	5.9	8.9
68	6.5	4.8	7.2

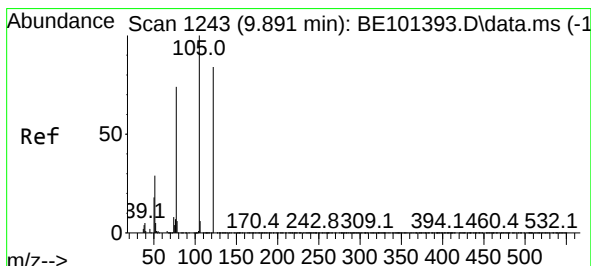
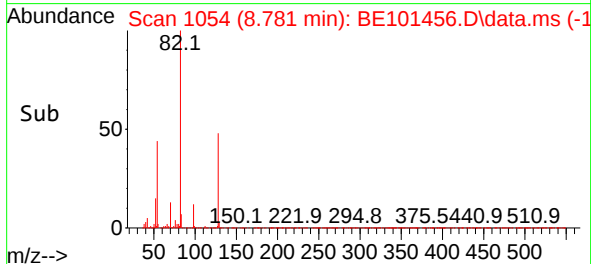
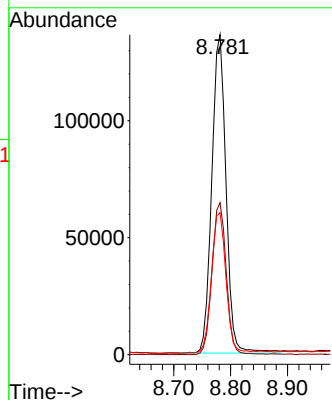
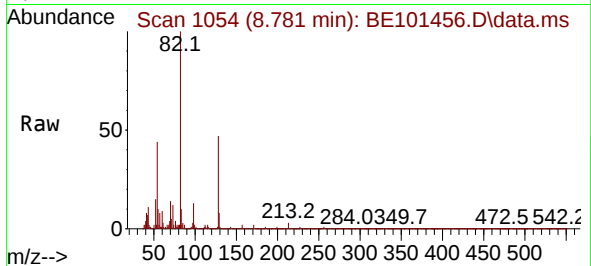




#23
Nitrobenzene-d5
Concen: 52.066 ng
RT: 8.781 min Scan# 1055
Delta R.T. -0.005 min
Lab File: BE101456.D
Acq: 4 Nov 2024 15:42

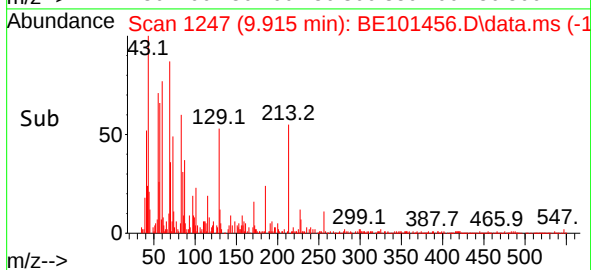
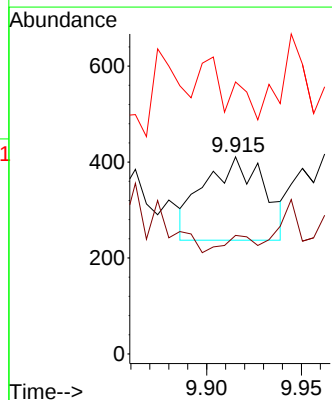
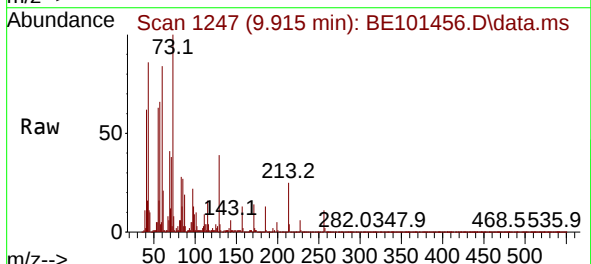
Instrument :
BNA_E
ClientSampleId :
BP-F-7

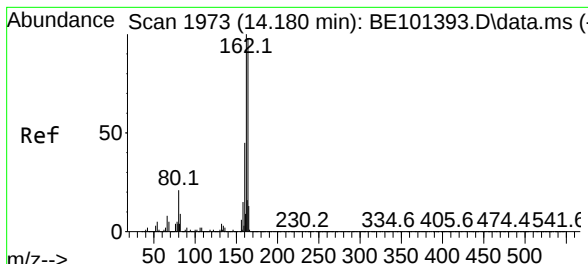
Tgt Ion: 82 Resp: 236625
Ion Ratio Lower Upper
82 100
128 47.5 38.9 58.3
54 44.4 36.2 54.4



#32
Benzoic acid
Concen: 8.320 ng
RT: 9.915 min Scan# 1247
Delta R.T. 0.024 min
Lab File: BE101456.D
Acq: 4 Nov 2024 15:42

Tgt Ion:122 Resp: 381
Ion Ratio Lower Upper
122 100
105 60.1 97.9 137.9#
77 138.0 68.1 108.1#



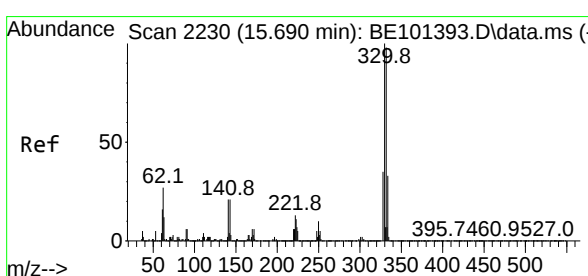
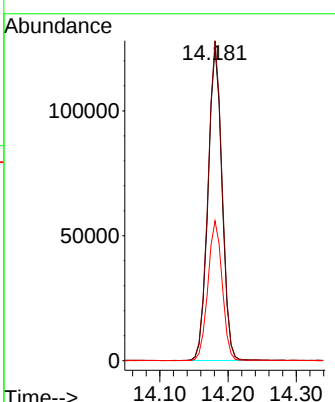
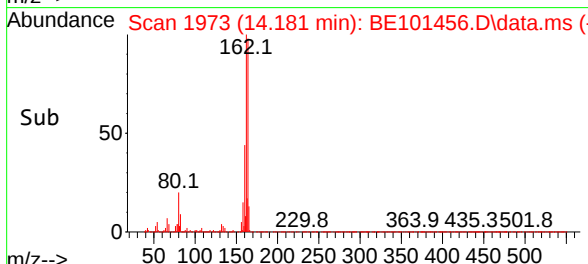
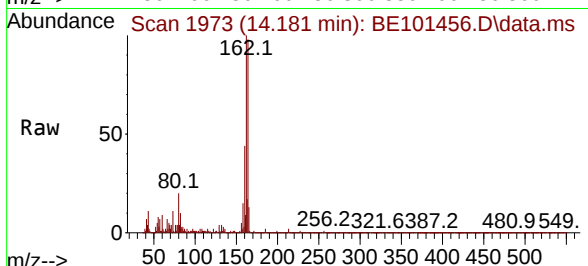


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.181 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: BE101456.D
 Acq: 4 Nov 2024 15:42

Instrument :
 BNA_E
 ClientSampleId :
 BP-F-7

Tgt Ion:164 Resp: 179101

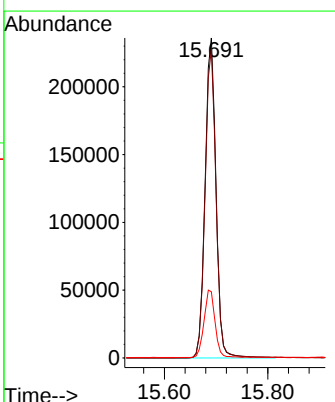
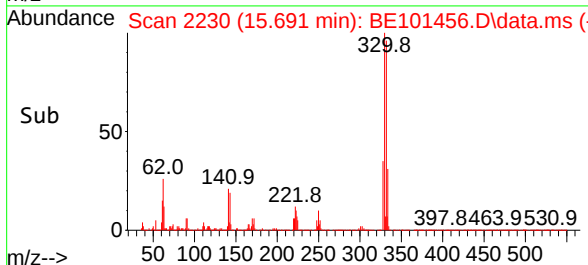
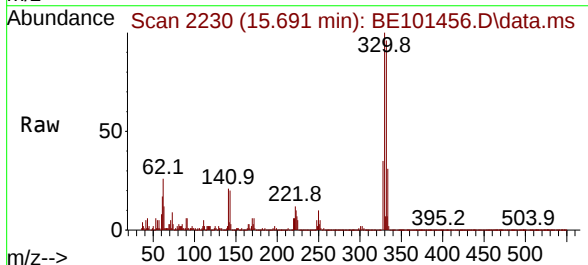
Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.3	121.9
160	44.7	36.4	54.6

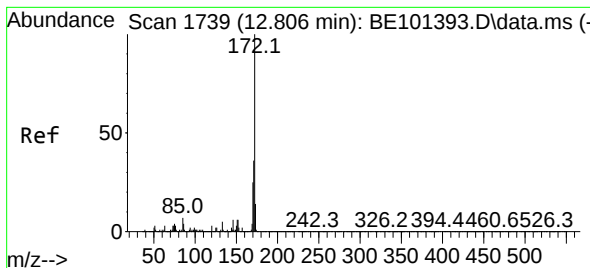


#42
 2,4,6-Tribromophenol
 Concen: 109.915 ng
 RT: 15.691 min Scan# 2230
 Delta R.T. 0.000 min
 Lab File: BE101456.D
 Acq: 4 Nov 2024 15:42

Tgt Ion:330 Resp: 345031

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.2	117.2
141	21.4	18.3	27.5





#45

2-Fluorobiphenyl

Concen: 51.202 ng

RT: 12.800 min Scan# 1

Delta R.T. -0.005 min

Lab File: BE101456.D

Acq: 4 Nov 2024 15:42

Instrument :

BNA_E

ClientSampleId :

BP-F-7

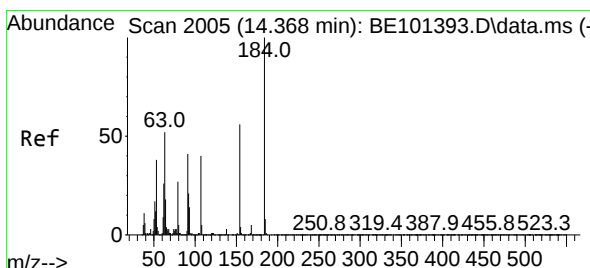
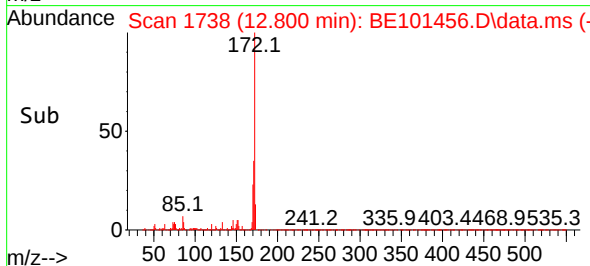
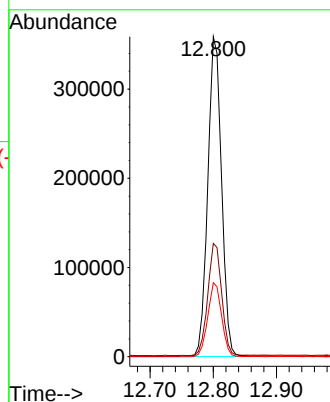
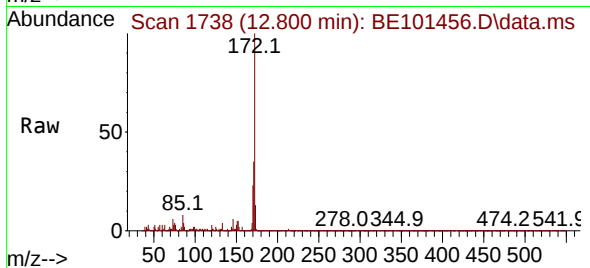
Tgt Ion:172 Resp: 541494

Ion Ratio Lower Upper

172 100

171 35.4 29.2 43.8

170 23.1 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.625 ng

RT: 14.363 min Scan# 2004

Delta R.T. -0.005 min

Lab File: BE101456.D

Acq: 4 Nov 2024 15:42

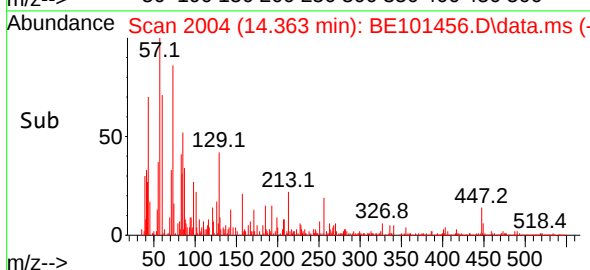
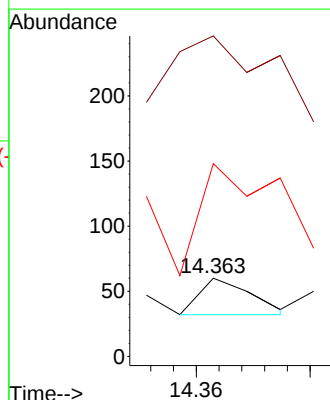
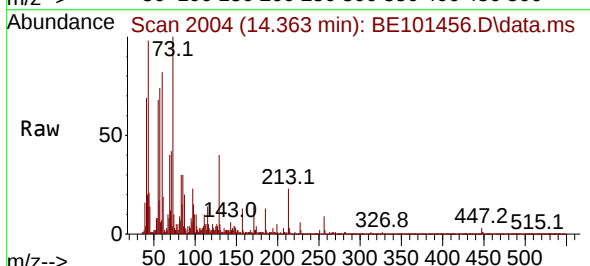
Tgt Ion:184 Resp: 18

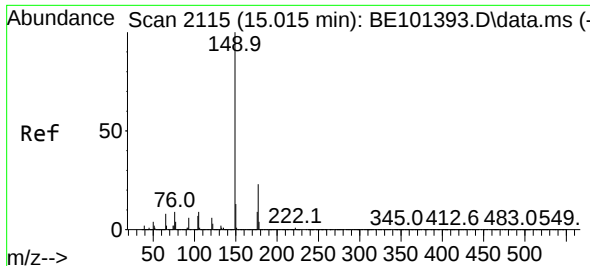
Ion Ratio Lower Upper

184 100

63 410.0 41.8 62.6#

154 246.7 44.9 67.3#

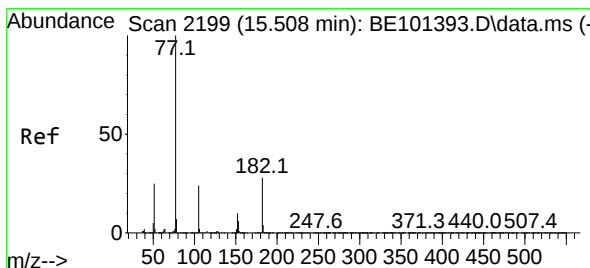
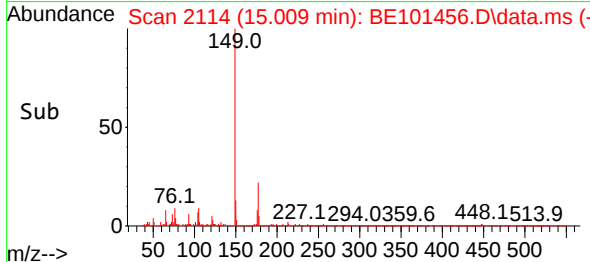
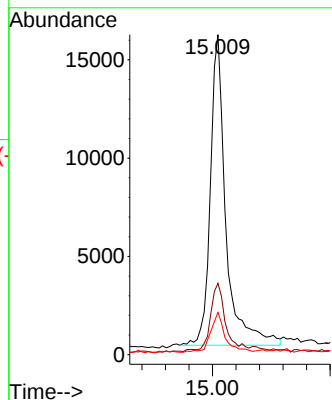
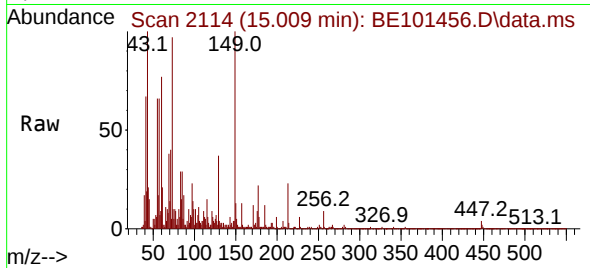




#60
Diethylphthalate
Concen: 2.193 ng
RT: 15.009 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BE101456.D
Acq: 4 Nov 2024 15:42

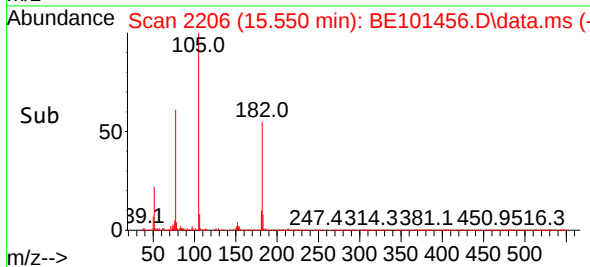
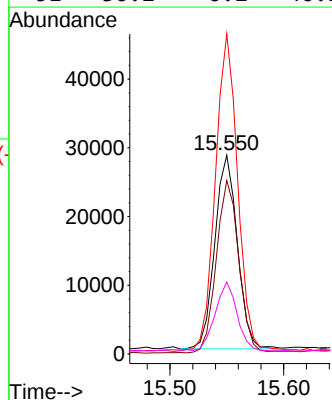
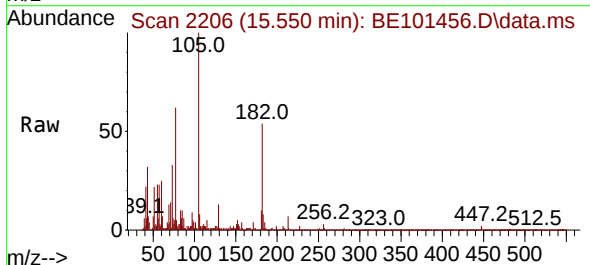
Instrument :
BNA_E
ClientSampleId :
BP-F-7

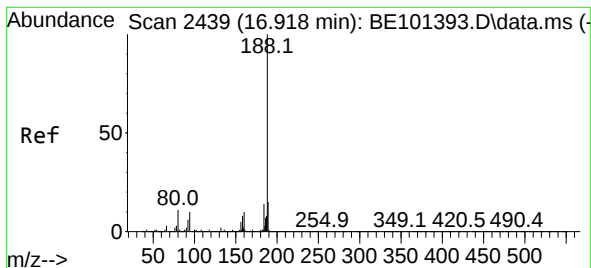
Tgt Ion:	149	Resp:	29000
Ion Ratio	Lower	Upper	
149	100		
177	22.3	18.0	27.0
150	13.2	10.3	15.5



#63
Azobenzene
Concen: 3.410 ng
RT: 15.550 min Scan# 2206
Delta R.T. 0.042 min
Lab File: BE101456.D
Acq: 4 Nov 2024 15:42

Tgt Ion:	77	Resp:	38757
Ion Ratio	Lower	Upper	
77	100		
182	87.3	7.6	47.6#
105	161.0	3.2	43.2#
51	36.2	6.2	46.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.919 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BE101456.D

Acq: 4 Nov 2024 15:42

Instrument :

BNA_E

ClientSampleId :

BP-F-7

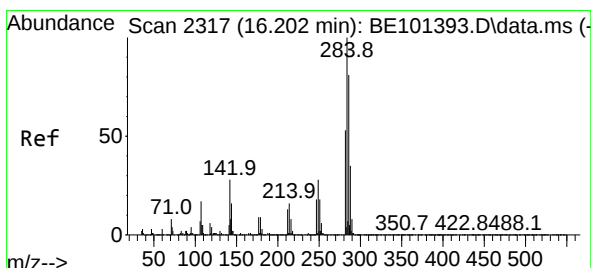
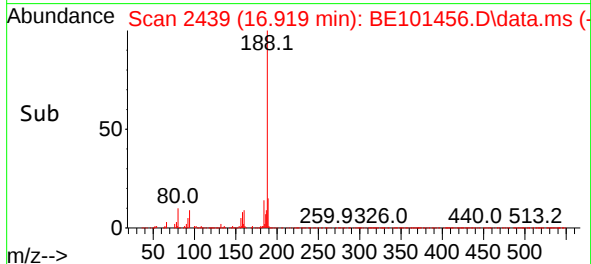
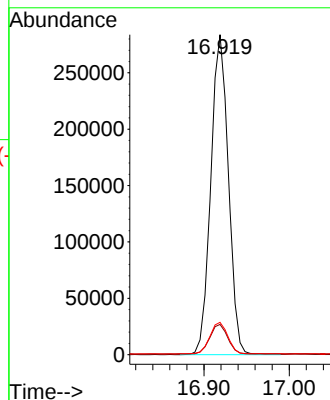
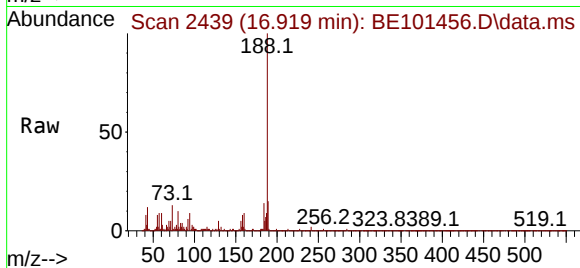
Tgt Ion:188 Resp: 406151

Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.8

80 10.1 8.6 12.8



#68

Hexachlorobenzene

Concen: 45.566 ng

RT: 16.214 min Scan# 2319

Delta R.T. 0.012 min

Lab File: BE101456.D

Acq: 4 Nov 2024 15:42

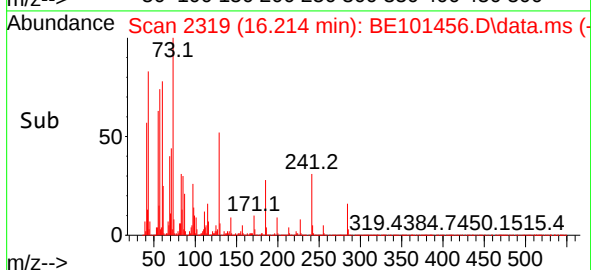
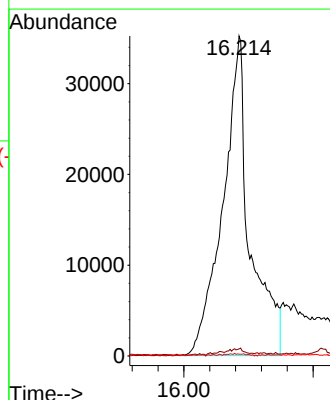
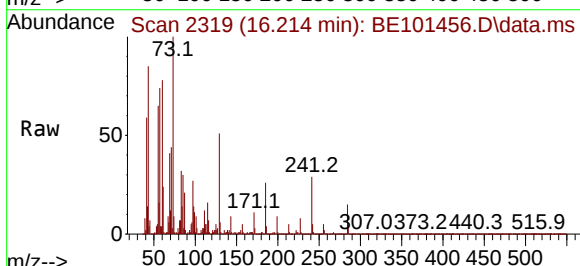
Tgt Ion:284 Resp: 255172

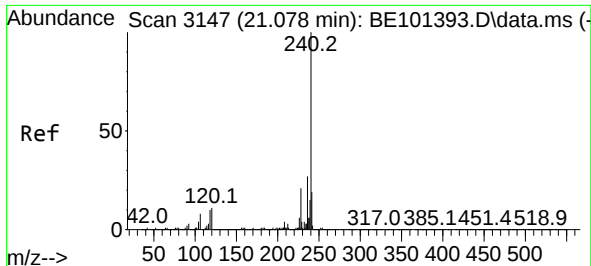
Ion Ratio Lower Upper

284 100

142 2.2 22.2 33.2#

249 0.6 22.8 34.2#

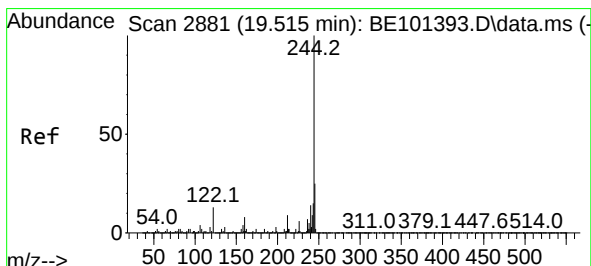
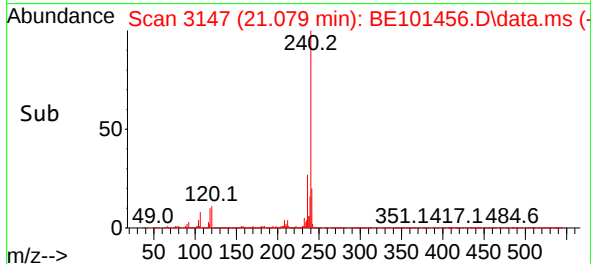
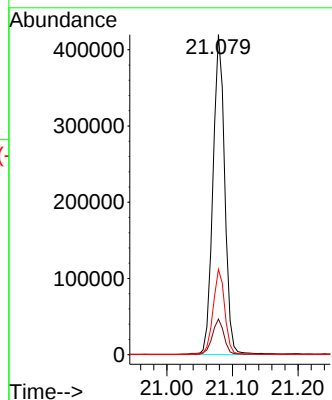
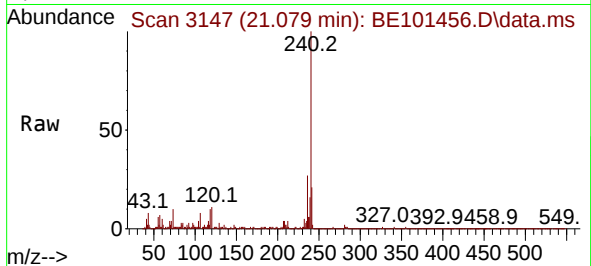




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.079 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BE101456.D
Acq: 4 Nov 2024 15:42

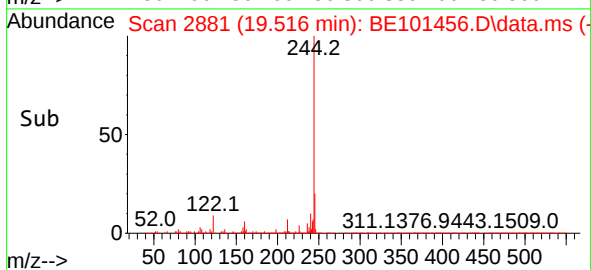
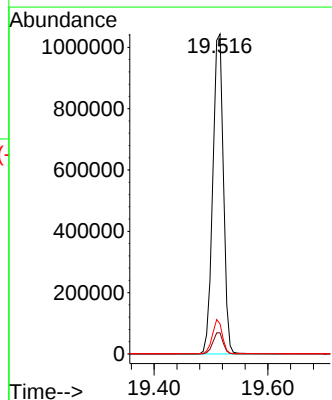
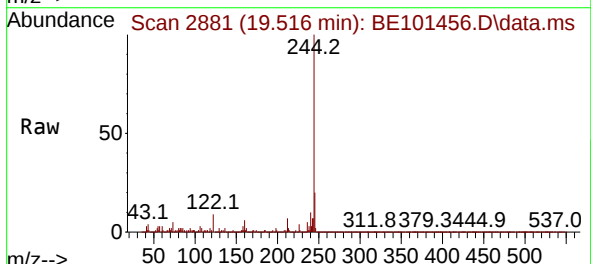
Instrument :
BNA_E
ClientSampleId :
BP-F-7

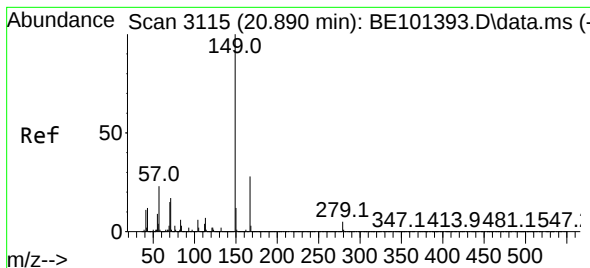
Tgt Ion:240 Resp: 524140
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 26.7 21.4 32.0



#79
Terphenyl-d14
Concen: 58.980 ng
RT: 19.516 min Scan# 2881
Delta R.T. 0.001 min
Lab File: BE101456.D
Acq: 4 Nov 2024 15:42

Tgt Ion:244 Resp: 1343166
Ion Ratio Lower Upper
244 100
212 6.6 7.2 10.8#
122 9.4 10.4 15.6#

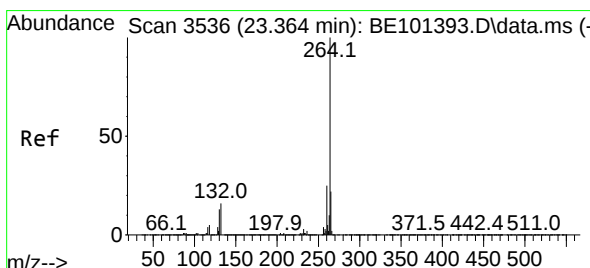
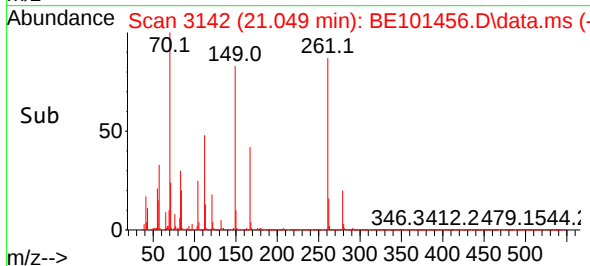
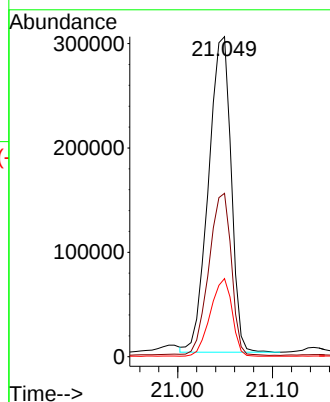
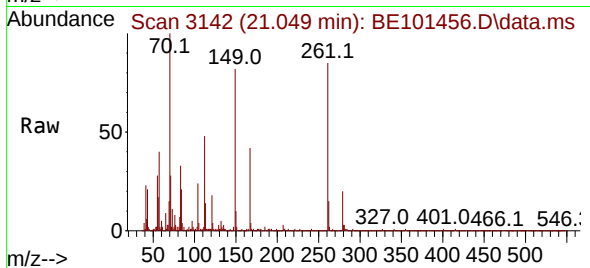




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 29.874 ng
 RT: 21.049 min Scan# 3115
 Delta R.T. 0.159 min
 Lab File: BE101456.D
 Acq: 4 Nov 2024 15:42

Instrument :
 BNA_E
 ClientSampleId :
 BP-F-7

Tgt Ion:149 Resp: 501471
 Ion Ratio Lower Upper
 149 100
 167 51.1 22.7 34.1#
 279 24.4 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.370 min Scan# 3537
 Delta R.T. 0.006 min
 Lab File: BE101456.D
 Acq: 4 Nov 2024 15:42

Tgt Ion:264 Resp: 755529
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.8 29.8
 265 22.2 17.6 26.4

