

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111124\
 Data File : BE101567.D
 Acq On : 11 Nov 2024 12:09
 Operator : RC/JU
 Sample : P4756-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-B4

Quant Time: Nov 11 12:07:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 00:01:20 2024
 Response via : Initial Calibration

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

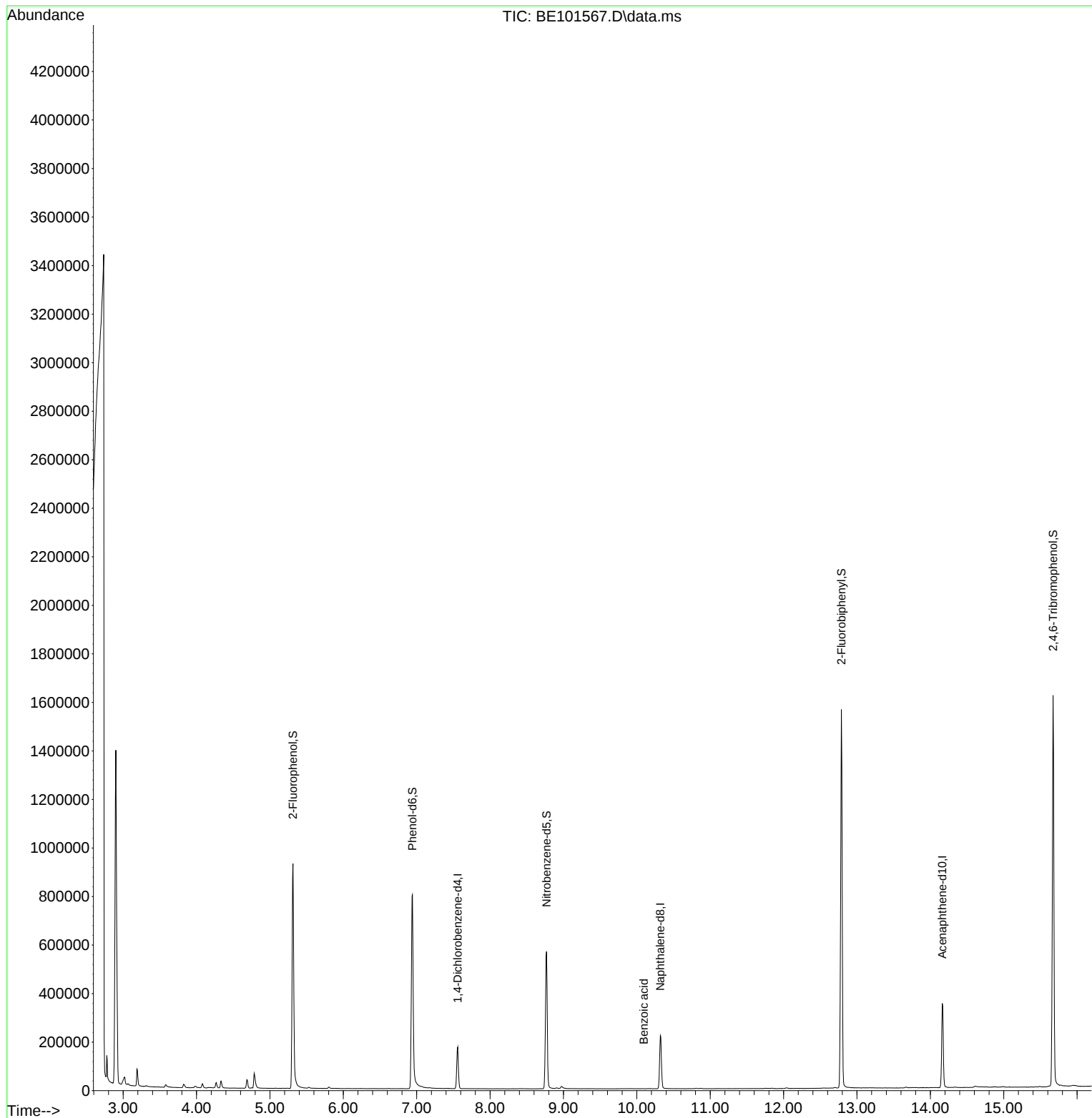
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	48103	20.000	ng	0.00
21) Naphthalene-d8	10.321	136	196681	20.000	ng	0.00
39) Acenaphthene-d10	14.163	164	126914	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	296210	20.000	ng	0.00
76) Chrysene-d12	21.067	240	364666	20.000	ng	0.00
86) Perylene-d12	23.347	264	446133	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.315	112	458141	168.404	ng	0.00
7) Phenol-d6	6.942	99	565733	151.671	ng	0.00
23) Nitrobenzene-d5	8.770	82	341649	109.722	ng	0.00
42) 2,4,6-Tribromophenol	15.673	330	397603	166.491	ng	0.00
45) 2-Fluorobiphenyl	12.788	172	819672	105.454	ng	0.00
79) Terphenyl-d14	19.498	244	1865492	113.237	ng	0.00
Target Compounds						
32) Benzoic acid	10.097	122	29	6.847	ng	Qvalue 92

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

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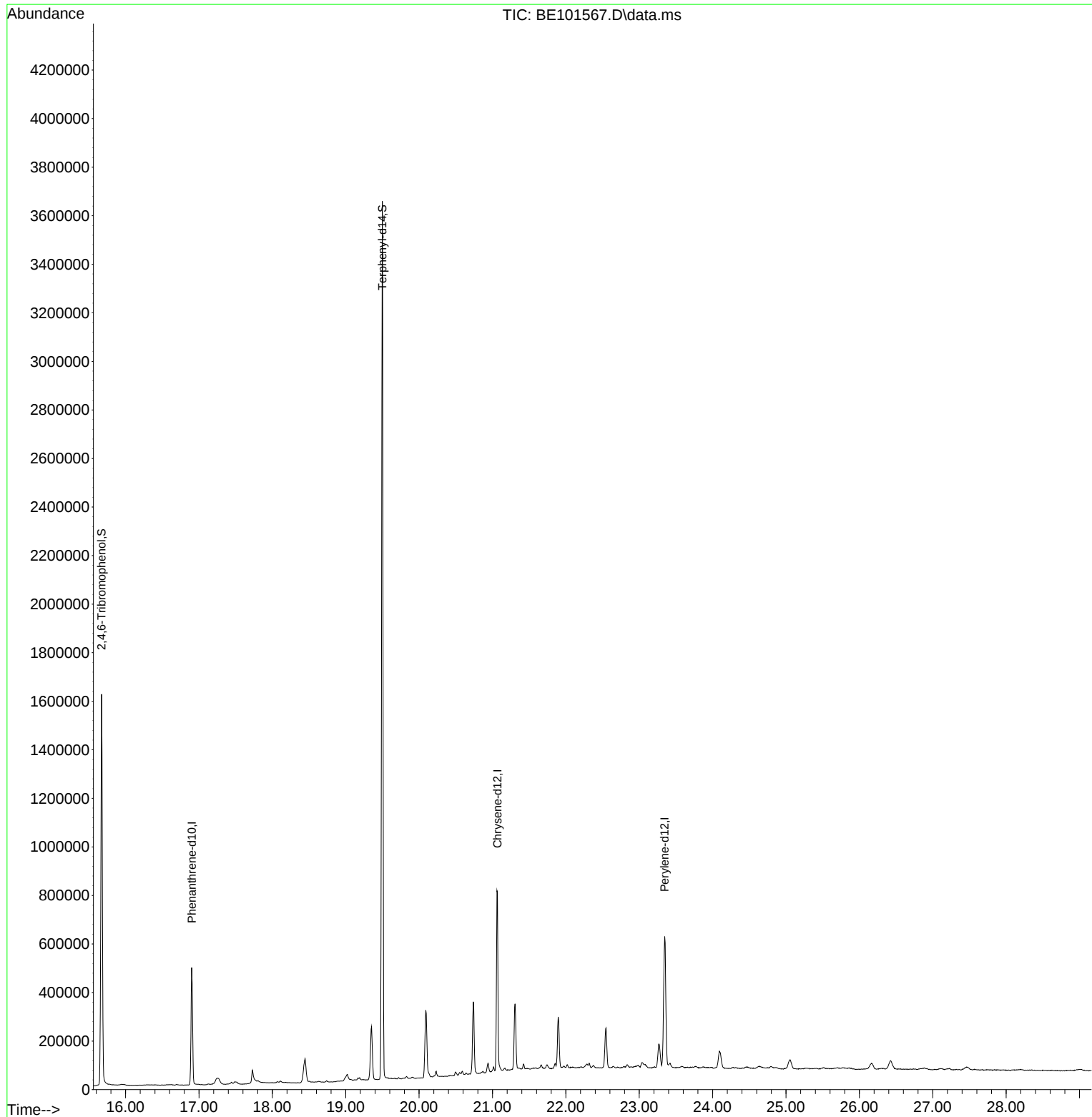
Quant Time: Nov 11 12:07:51 2024
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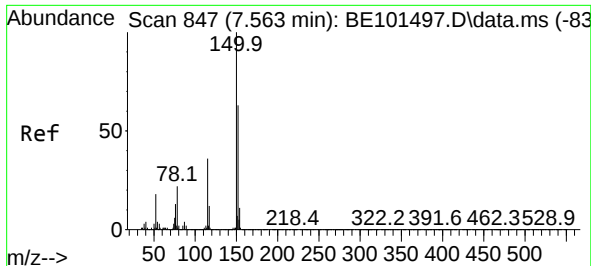


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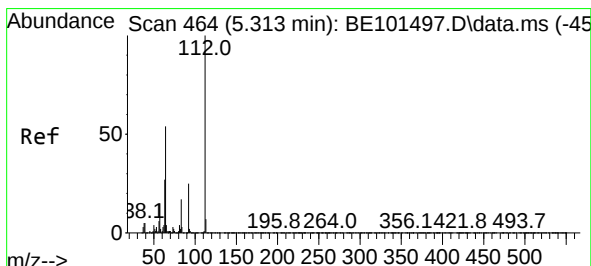
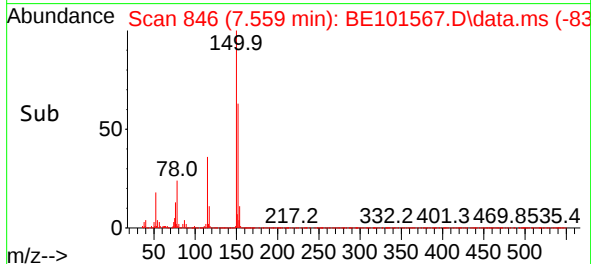
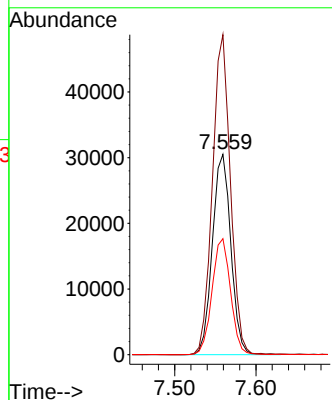
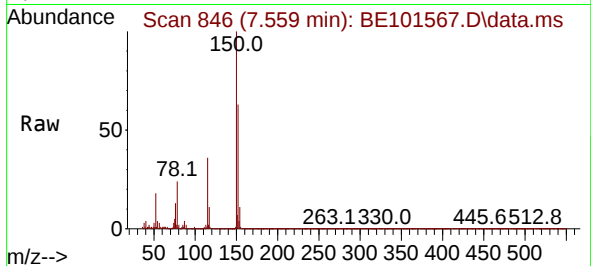




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.559 min Scan# 847
Delta R.T. -0.004 min
Lab File: BE101567.D
Acq: 11 Nov 2024 12:09

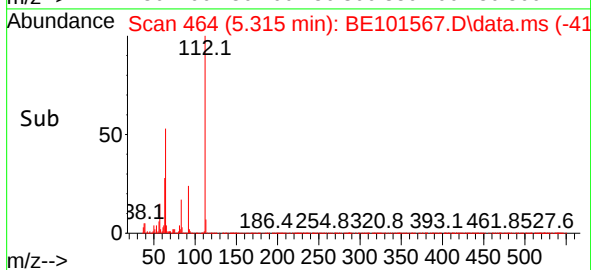
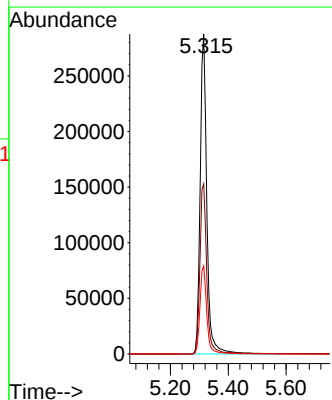
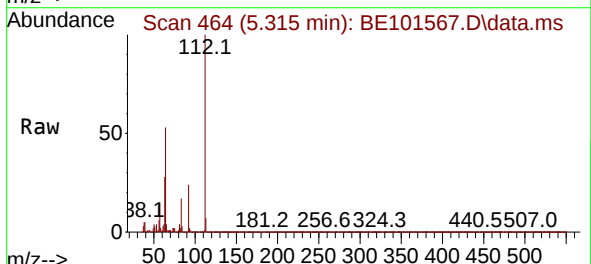
Instrument :
BNA_E
ClientSampleId :
BP-B4

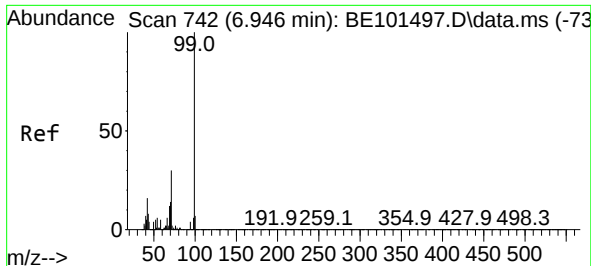
Tgt Ion:152 Resp: 48103
Ion Ratio Lower Upper
152 100
150 159.7 126.3 189.5
115 57.9 45.0 67.4



#5
2-Fluorophenol
Concen: 168.404 ng
RT: 5.315 min Scan# 464
Delta R.T. 0.002 min
Lab File: BE101567.D
Acq: 11 Nov 2024 12:09

Tgt Ion:112 Resp: 458141
Ion Ratio Lower Upper
112 100
64 53.2 43.2 64.8
63 27.5 21.8 32.6

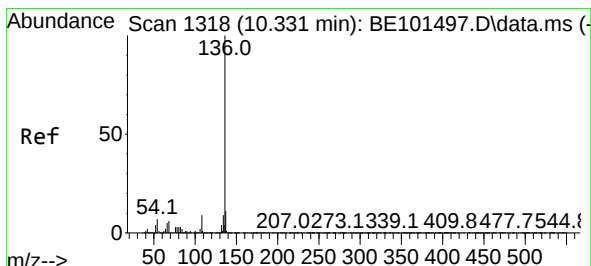
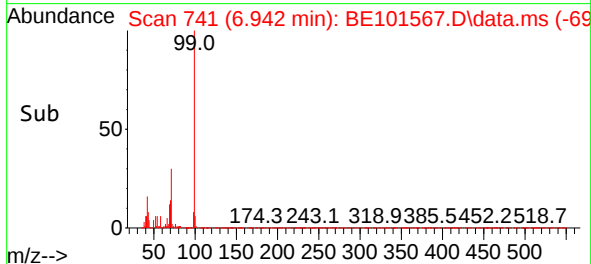
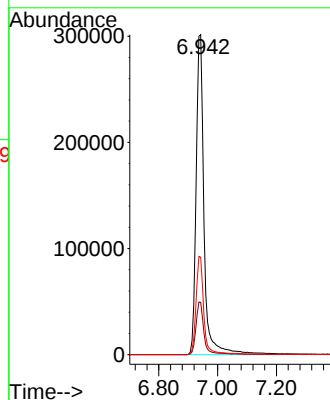
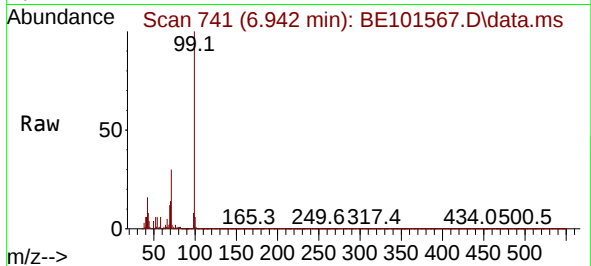




#7
Phenol-d6
Concen: 151.671 ng
RT: 6.942 min Scan# 741
Delta R.T. -0.004 min
Lab File: BE101567.D
Acq: 11 Nov 2024 12:09

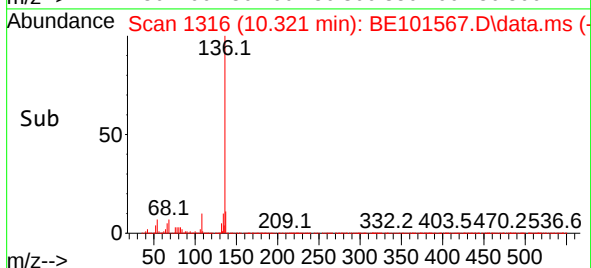
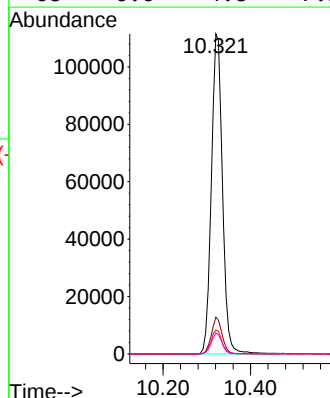
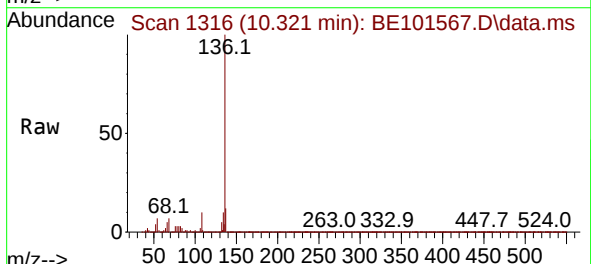
Instrument :
BNA_E
ClientSampleId :
BP-B4

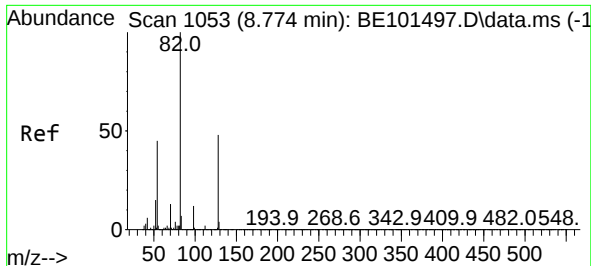
Tgt Ion: 99 Resp: 565733
Ion Ratio Lower Upper
99 100
42 16.3 12.5 18.7
71 30.5 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.321 min Scan# 1316
Delta R.T. -0.010 min
Lab File: BE101567.D
Acq: 11 Nov 2024 12:09

Tgt Ion: 136 Resp: 196681
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 7.5 5.6 8.4
68 6.6 4.8 7.2

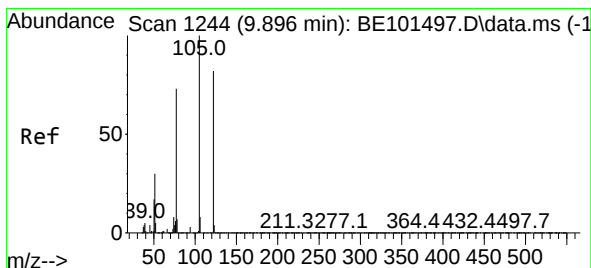
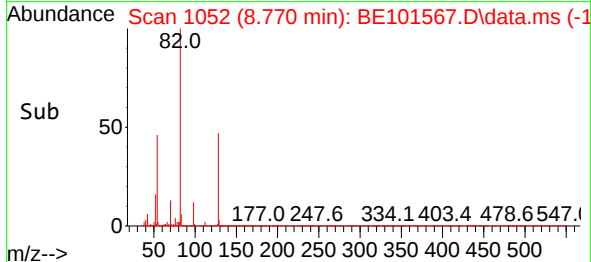
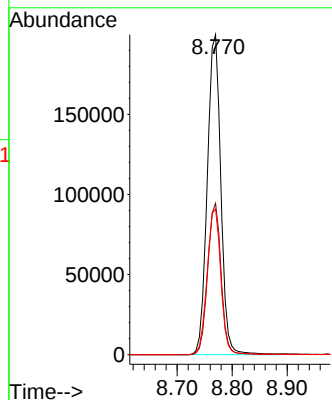
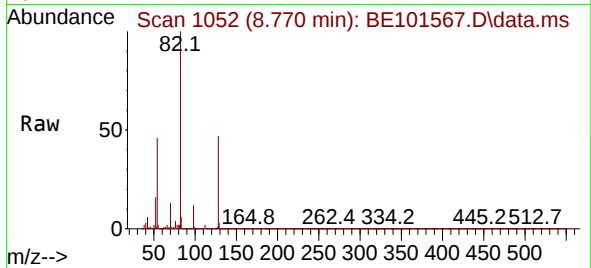




#23
Nitrobenzene-d5
Concen: 109.722 ng
RT: 8.770 min Scan# 1053
Delta R.T. -0.004 min
Lab File: BE101567.D
Acq: 11 Nov 2024 12:09

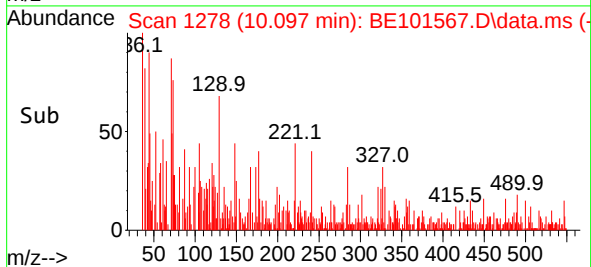
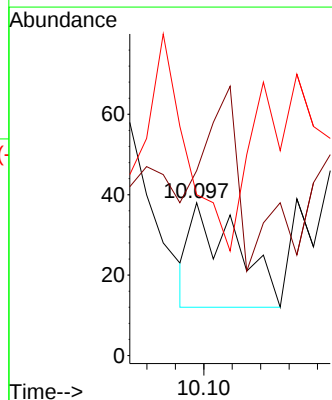
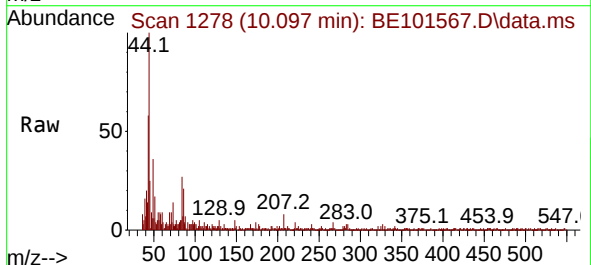
Instrument :
BNA_E
ClientSampleId :
BP-B4

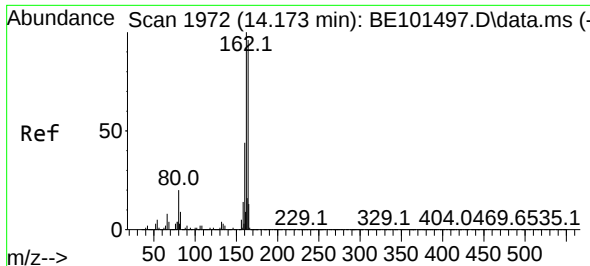
Tgt Ion: 82 Resp: 341649
Ion Ratio Lower Upper
82 100
128 47.3 38.6 58.0
54 45.6 36.3 54.5



#32
Benzoic acid
Concen: 6.847 ng
RT: 10.097 min Scan# 1278
Delta R.T. 0.201 min
Lab File: BE101567.D
Acq: 11 Nov 2024 12:09

Tgt Ion: 122 Resp: 29
Ion Ratio Lower Upper
122 100
105 121.1 100.6 140.6
77 105.3 68.6 108.6

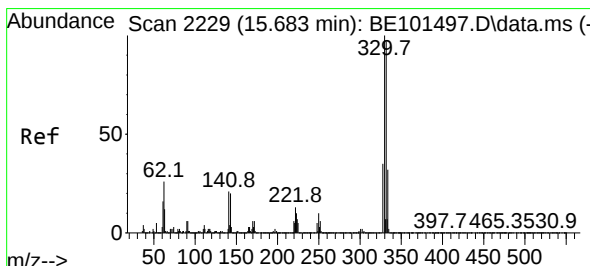
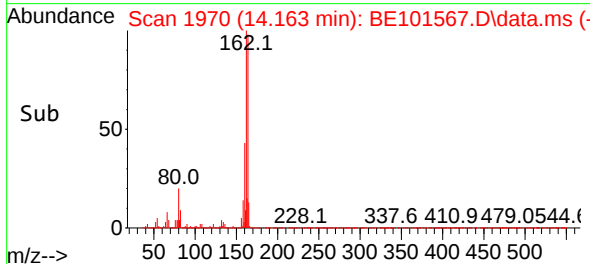
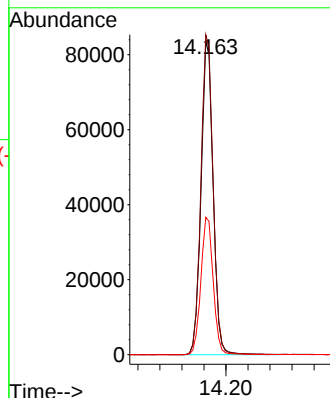
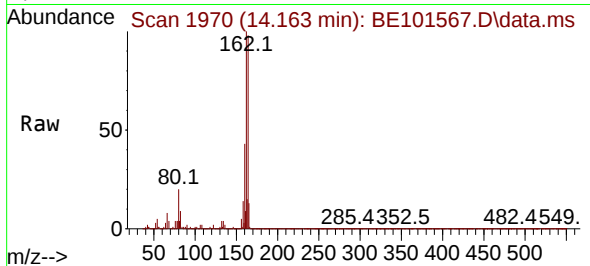




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.163 min Scan# 1972
Delta R.T. -0.010 min
Lab File: BE101567.D
Acq: 11 Nov 2024 12:09

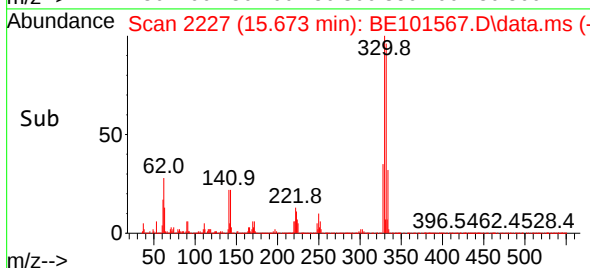
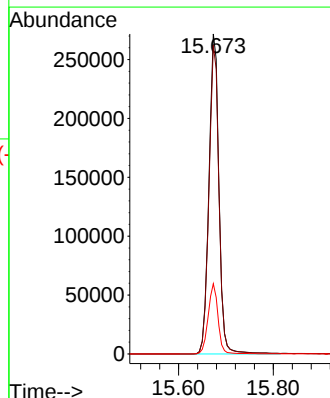
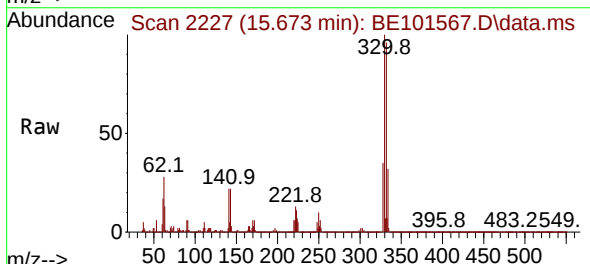
Instrument :
BNA_E
ClientSampleId :
BP-B4

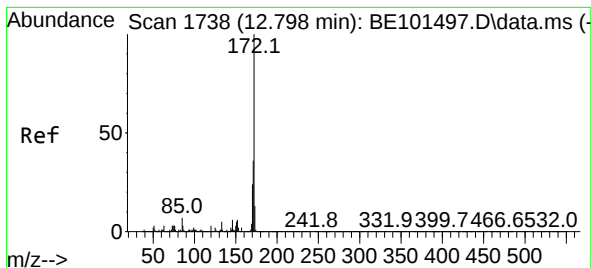
Tgt Ion:164 Resp: 126914
Ion Ratio Lower Upper
164 100
162 102.3 83.7 125.5
160 44.0 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 166.491 ng
RT: 15.673 min Scan# 2227
Delta R.T. -0.010 min
Lab File: BE101567.D
Acq: 11 Nov 2024 12:09

Tgt Ion:330 Resp: 397603
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 21.7 17.0 25.4





#45

2-Fluorobiphenyl

Concen: 105.454 ng

RT: 12.788 min Scan# 1

Delta R.T. -0.010 min

Lab File: BE101567.D

Acq: 11 Nov 2024 12:09

Instrument :

BNA_E

ClientSampleId :

BP-B4

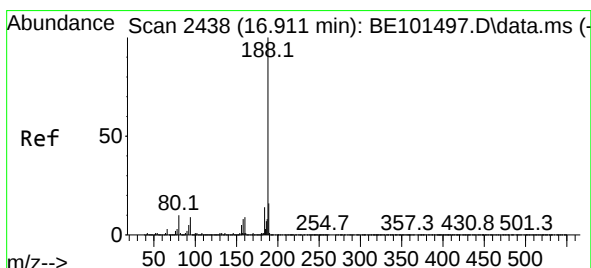
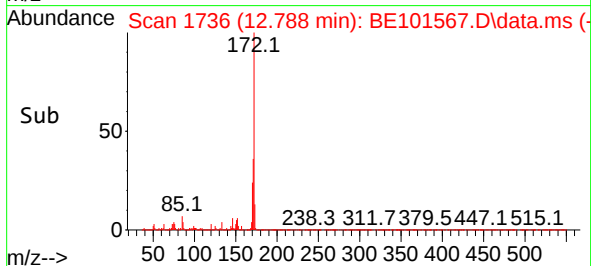
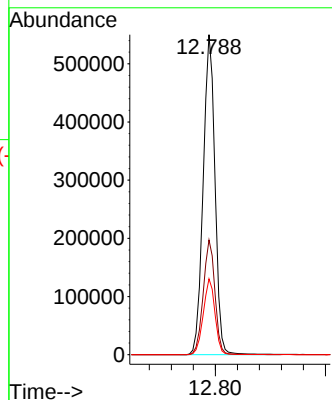
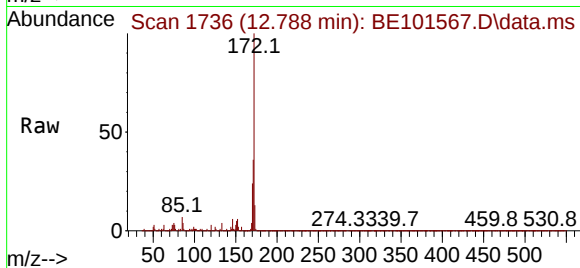
Tgt Ion:172 Resp: 819672

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 23.7 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.901 min Scan# 2436

Delta R.T. -0.010 min

Lab File: BE101567.D

Acq: 11 Nov 2024 12:09

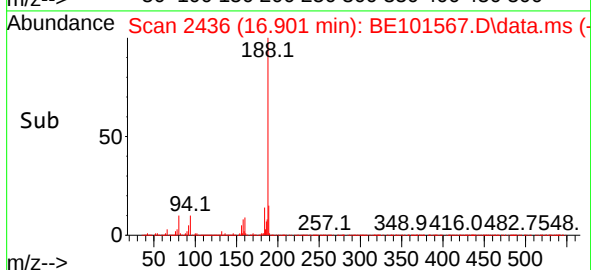
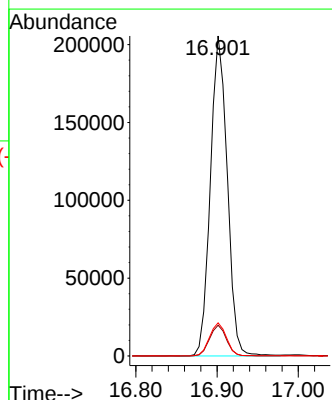
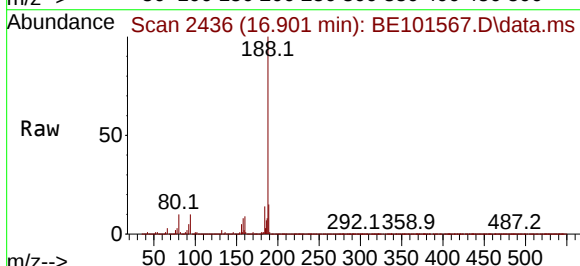
Tgt Ion:188 Resp: 296210

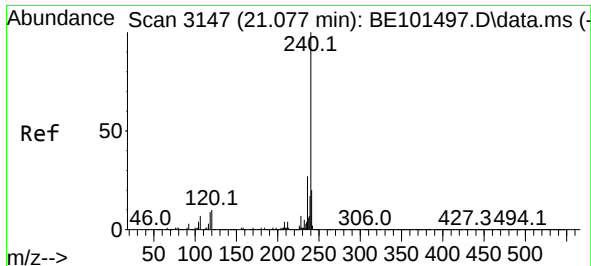
Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.2

80 10.4 8.0 12.0

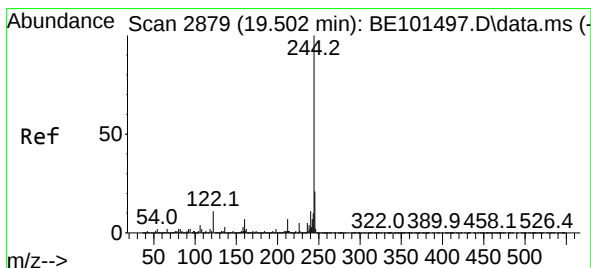
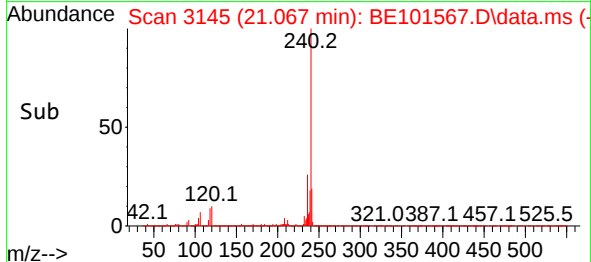
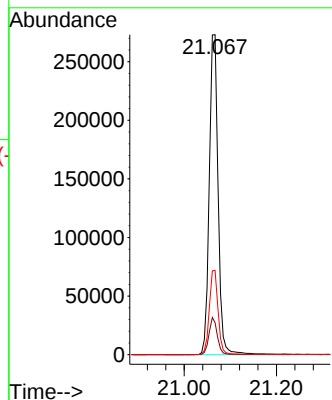
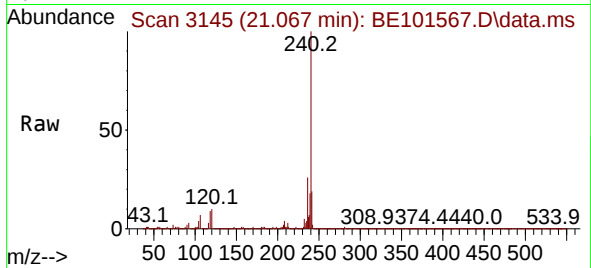




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.067 min Scan# 3147
Delta R.T. -0.010 min
Lab File: BE101567.D
Acq: 11 Nov 2024 12:09

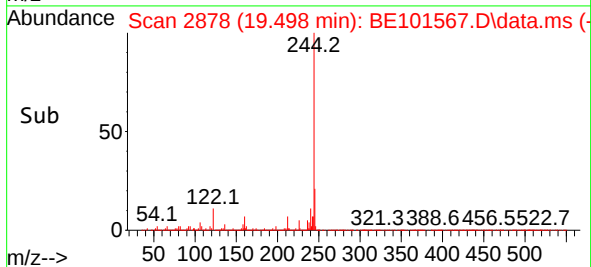
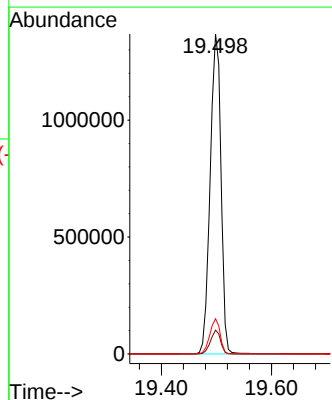
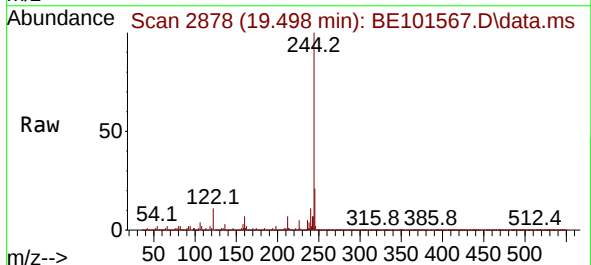
Instrument :
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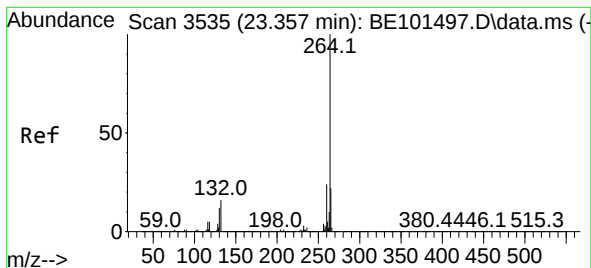
Tgt Ion:240 Resp: 364666
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.4
236 26.4 21.4 32.2



#79
Terphenyl-d14
Concen: 113.237 ng
RT: 19.498 min Scan# 2878
Delta R.T. -0.004 min
Lab File: BE101567.D
Acq: 11 Nov 2024 12:09

Tgt Ion:244 Resp: 1865492
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 11.0 8.4 12.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.347 min Scan# 3

Delta R.T. -0.010 min

Lab File: BE101567.D

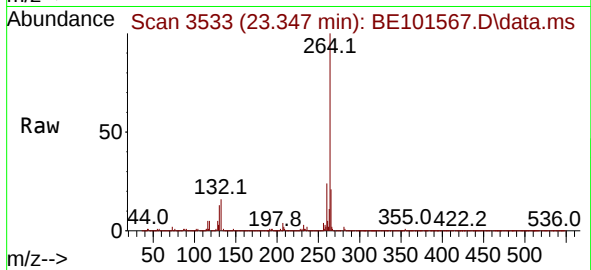
Acq: 11 Nov 2024 12:09

Instrument :

BNA_E

ClientSampleId :

BP-B4



Tgt Ion:264 Resp: 446133

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.4 17.4 26.2

