

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110624\
 Data File : BE101508.D
 Acq On : 6 Nov 2024 22:51
 Operator : RC/JU
 Sample : P4667-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-F-6

Quant Time: Nov 07 01:06:04 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	7.564	152	50252	20.000	ng	0.00
21) Naphthalene-d8	10.332	136	209129	20.000	ng	0.00
39) Acenaphthene-d10	14.168	164	139188	20.000	ng	0.00
64) Phenanthrene-d10	16.906	188	336796	20.000	ng	0.00
76) Chrysene-d12	21.066	240	442281	20.000	ng	-0.01
86) Perylene-d12	23.352	264	579467	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.314	112	467725	164.575	ng	0.00
7) Phenol-d6	6.942	99	534758	137.236	ng	0.00
23) Nitrobenzene-d5	8.769	82	367897	111.119	ng	0.00
42) 2,4,6-Tribromophenol	15.678	330	449119	171.479	ng	0.00
45) 2-Fluorobiphenyl	12.794	172	933037	109.454	ng	0.00
79) Terphenyl-d14	19.503	244	2271915	113.707	ng	0.00

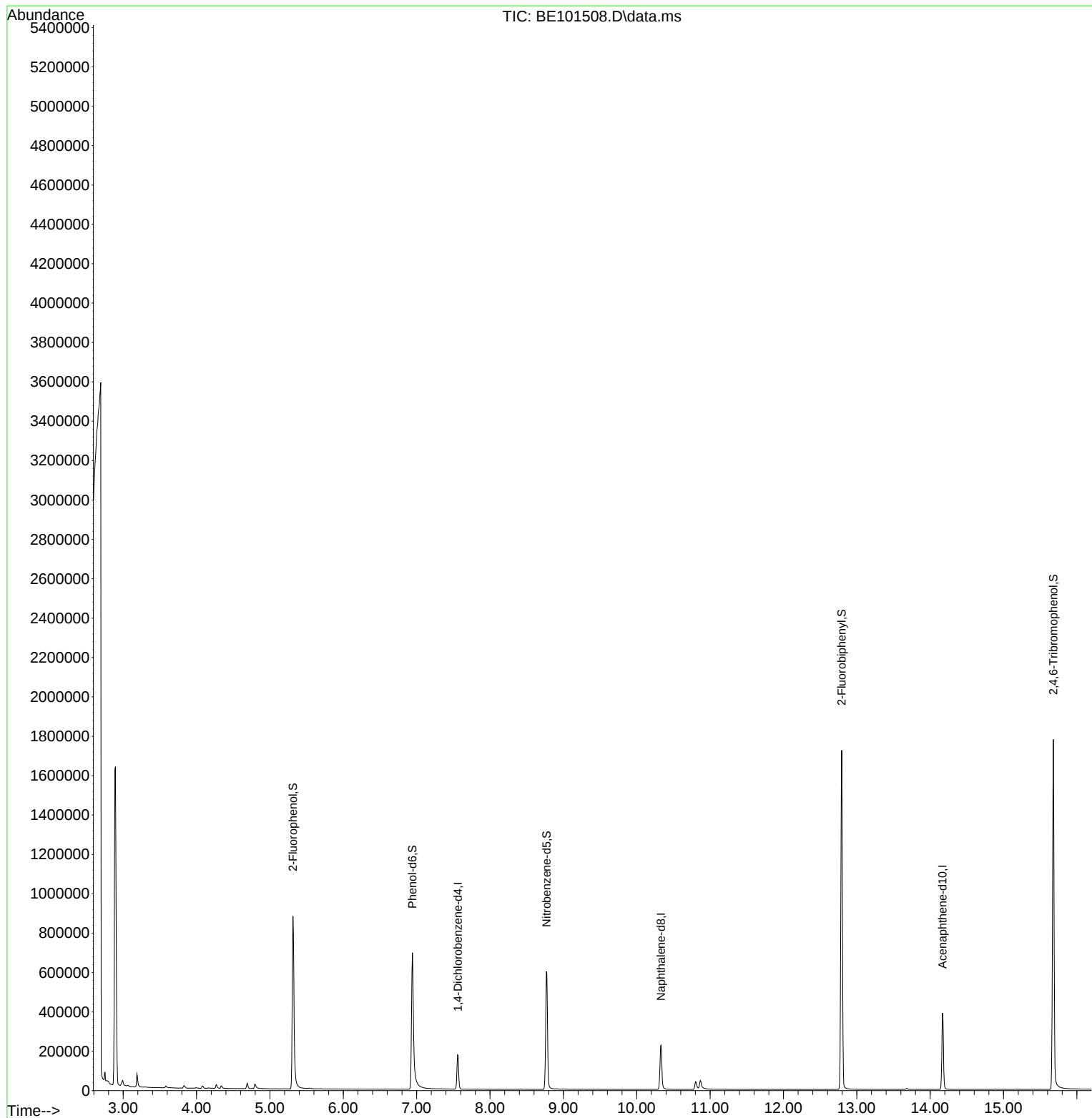
Target Compounds	Qvalue

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

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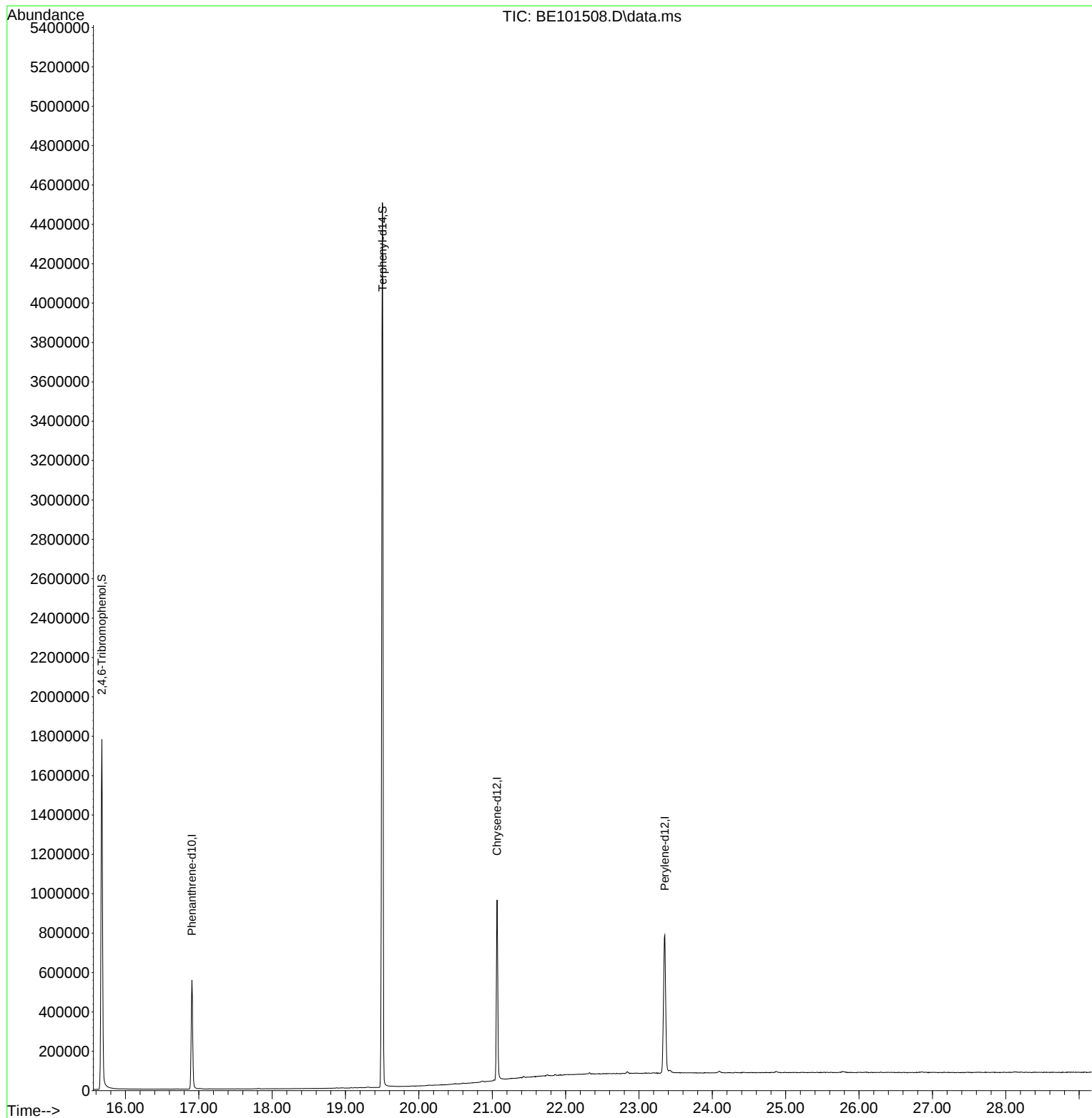
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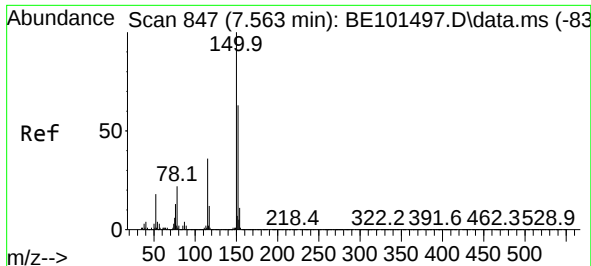


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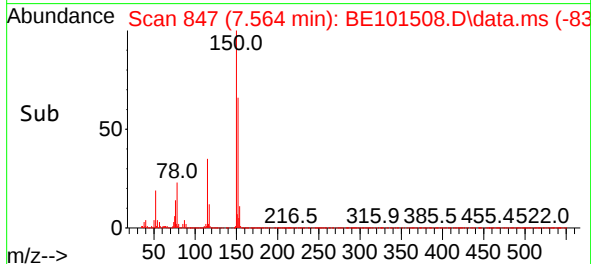
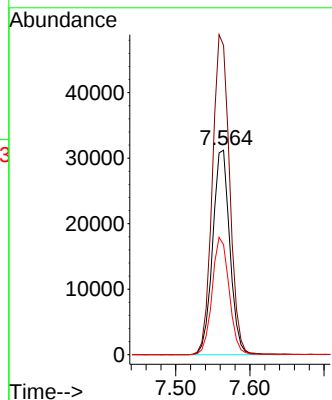
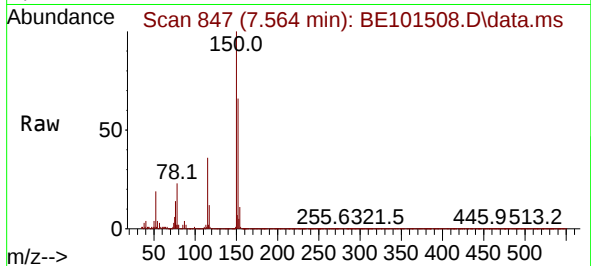




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.564 min Scan# 847
Delta R.T. 0.001 min
Lab File: BE101508.D
Acq: 6 Nov 2024 22:51

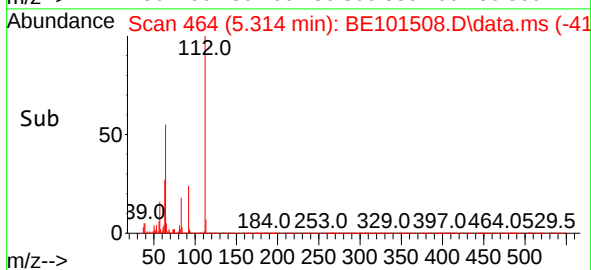
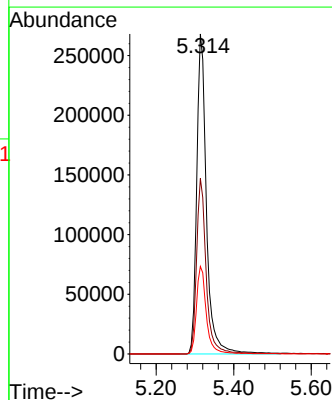
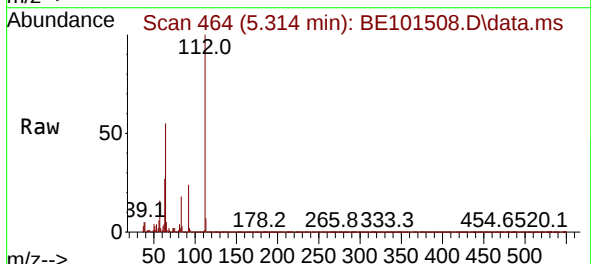
Instrument :
BNA_E
ClientSampleId :
BP-F-6

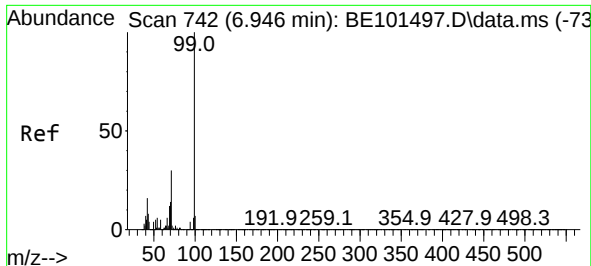
Tgt Ion:152 Resp: 50252
Ion Ratio Lower Upper
152 100
150 151.2 126.3 189.5
115 53.7 45.0 67.4



#5
2-Fluorophenol
Concen: 164.575 ng
RT: 5.314 min Scan# 464
Delta R.T. 0.001 min
Lab File: BE101508.D
Acq: 6 Nov 2024 22:51

Tgt Ion:112 Resp: 467725
Ion Ratio Lower Upper
112 100
64 54.9 43.2 64.8
63 27.3 21.8 32.6





#7

Phenol-d6

Concen: 137.236 ng

RT: 6.942 min Scan# 742

Delta R.T. -0.005 min

Lab File: BE101508.D

Acq: 6 Nov 2024 22:51

Instrument :

BNA_E

ClientSampleId :

BP-F-6

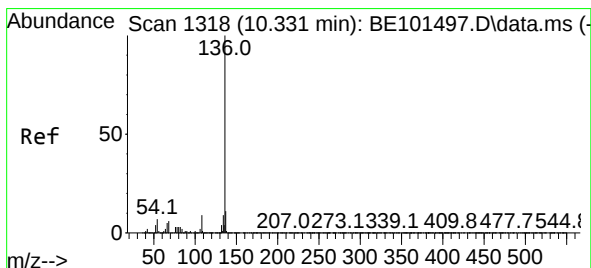
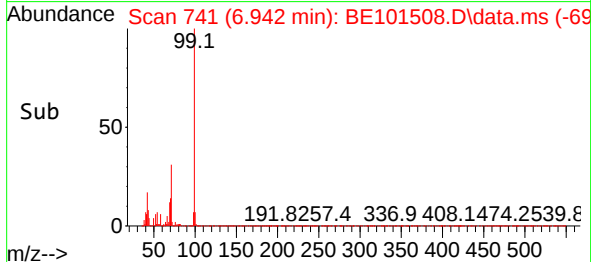
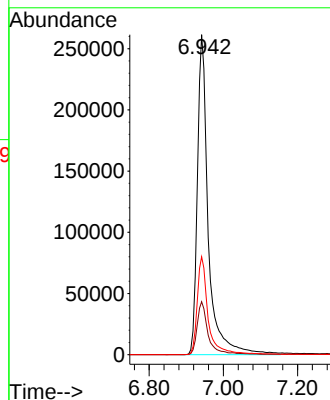
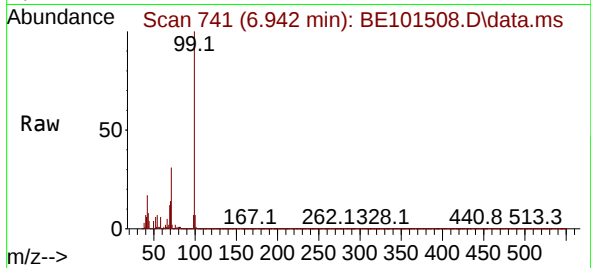
Tgt Ion: 99 Resp: 534758

Ion Ratio Lower Upper

99 100

42 16.6 12.5 18.7

71 30.6 24.2 36.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.332 min Scan# 1318

Delta R.T. 0.001 min

Lab File: BE101508.D

Acq: 6 Nov 2024 22:51

Tgt Ion:136 Resp: 209129

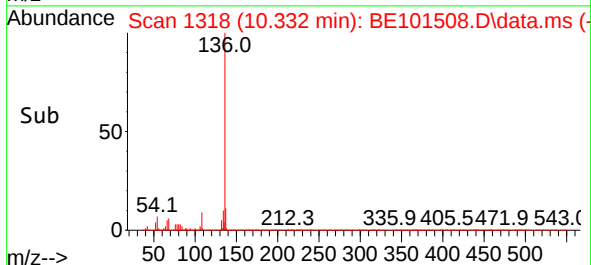
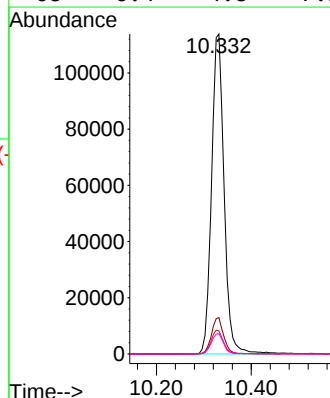
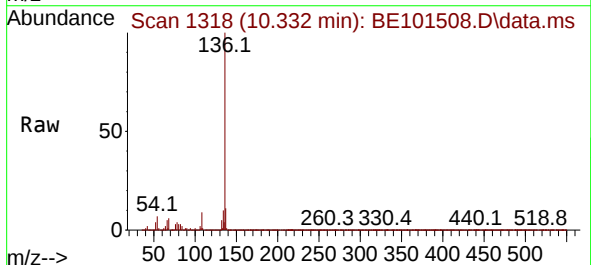
Ion Ratio Lower Upper

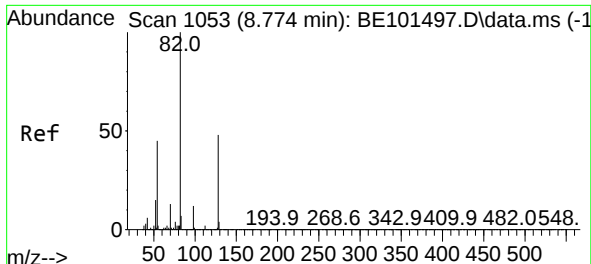
136 100

137 11.3 8.6 13.0

54 7.2 5.6 8.4

68 6.4 4.8 7.2

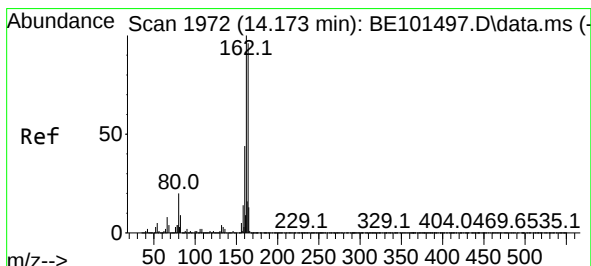
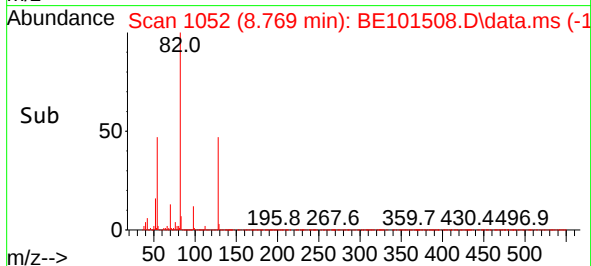
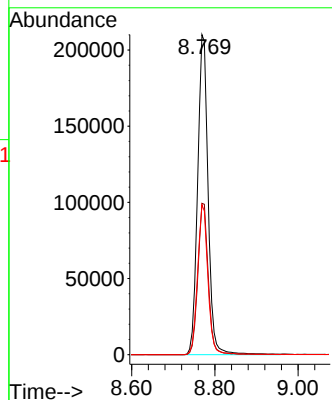
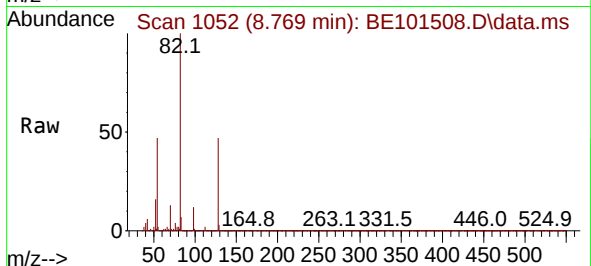




#23
Nitrobenzene-d5
Concen: 111.119 ng
RT: 8.769 min Scan# 1052
Delta R.T. -0.005 min
Lab File: BE101508.D
Acq: 6 Nov 2024 22:51

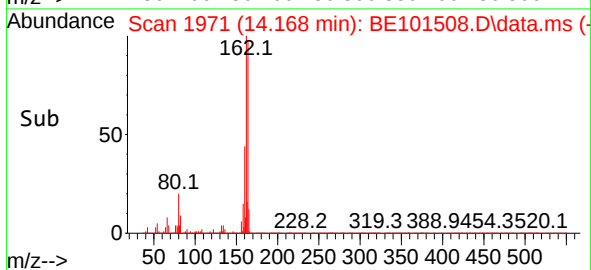
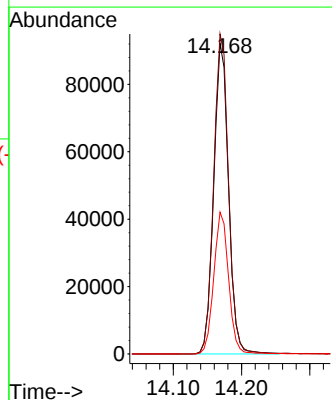
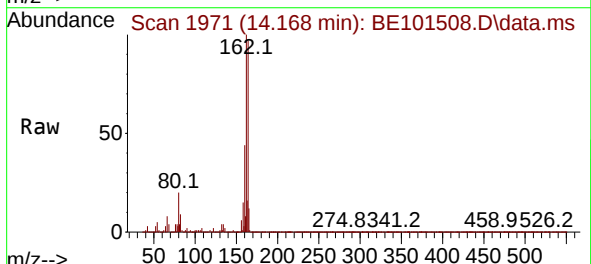
Instrument :
BNA_E
ClientSampleId :
BP-F-6

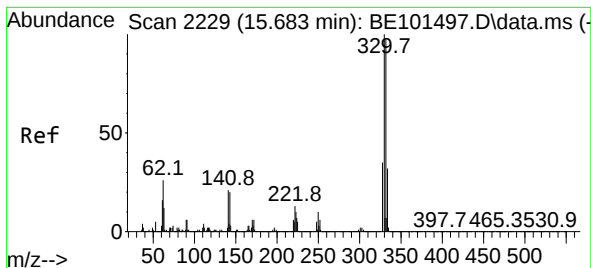
Tgt Ion: 82 Resp: 367897
Ion Ratio Lower Upper
82 100
128 47.3 38.6 58.0
54 46.9 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.168 min Scan# 1971
Delta R.T. -0.005 min
Lab File: BE101508.D
Acq: 6 Nov 2024 22:51

Tgt Ion: 164 Resp: 139188
Ion Ratio Lower Upper
164 100
162 103.0 83.7 125.5
160 45.6 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 171.479 ng

RT: 15.678 min Scan# 21

Delta R.T. -0.005 min

Lab File: BE101508.D

Acq: 6 Nov 2024 22:51

Instrument :

BNA_E

ClientSampleId :

BP-F-6

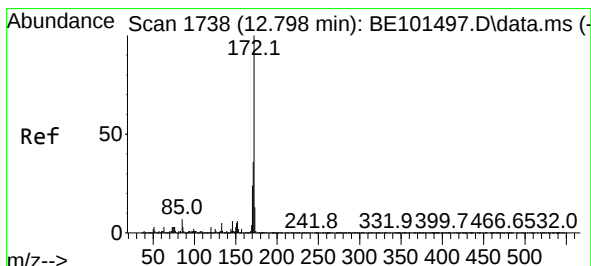
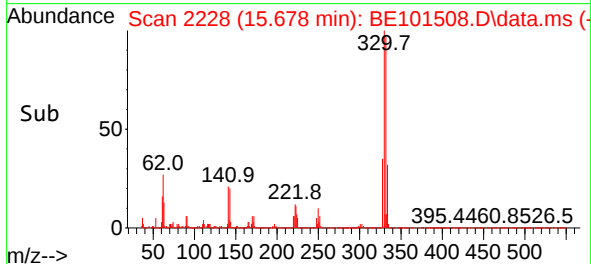
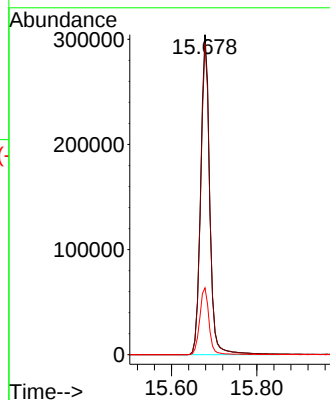
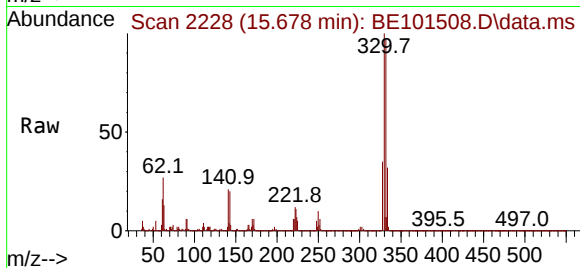
Tgt Ion:330 Resp: 449119

Ion Ratio Lower Upper

330 100

332 97.6 77.7 116.5

141 21.6 17.0 25.4



#45

2-Fluorobiphenyl

Concen: 109.454 ng

RT: 12.794 min Scan# 1737

Delta R.T. -0.005 min

Lab File: BE101508.D

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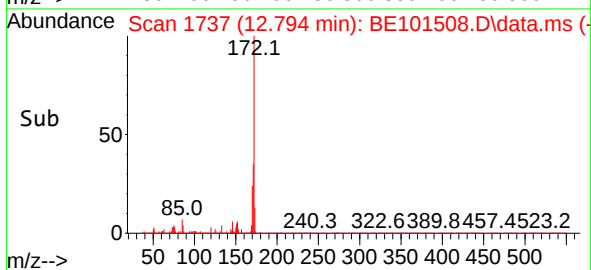
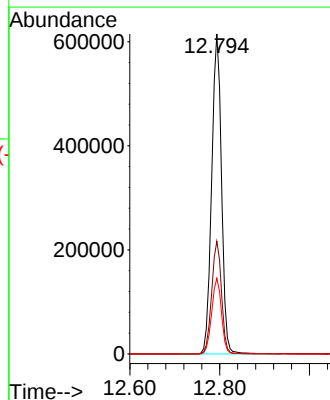
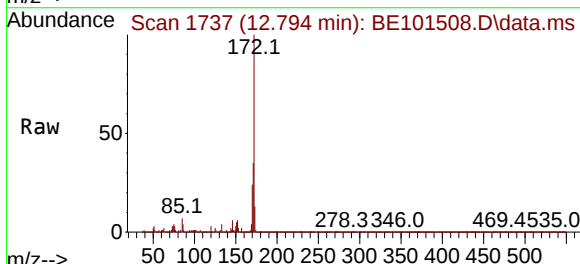
Tgt Ion:172 Resp: 933037

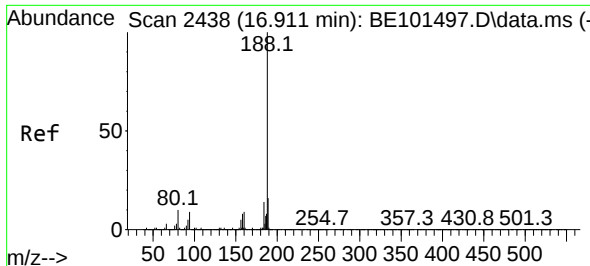
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.7 18.9 28.3

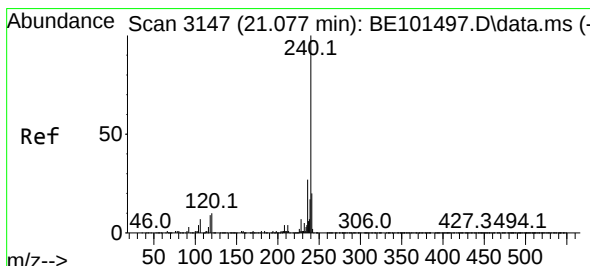
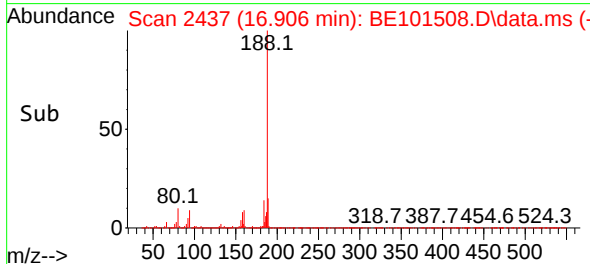
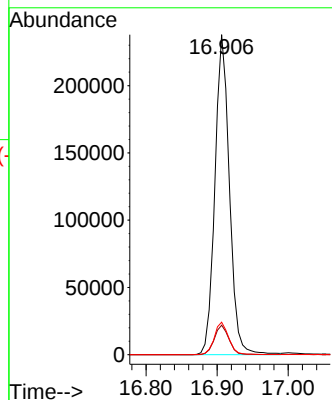
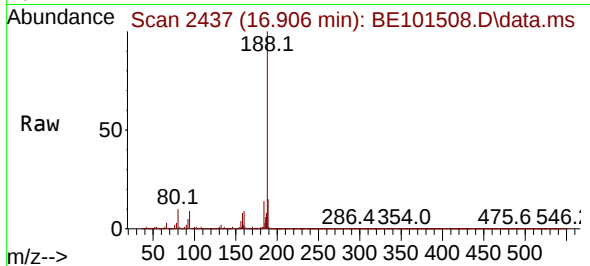




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.906 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BE101508.D
Acq: 6 Nov 2024 22:51

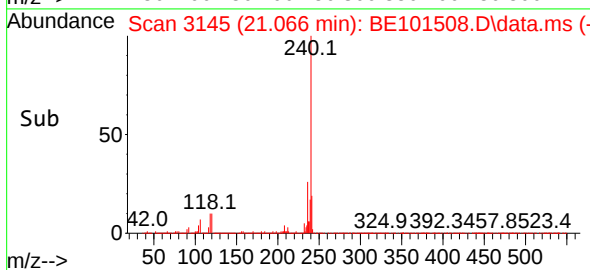
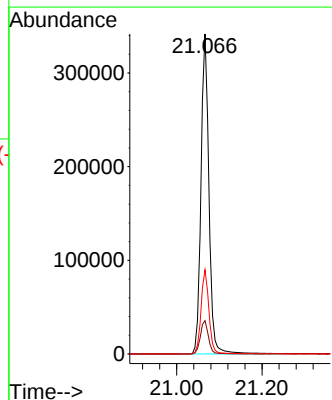
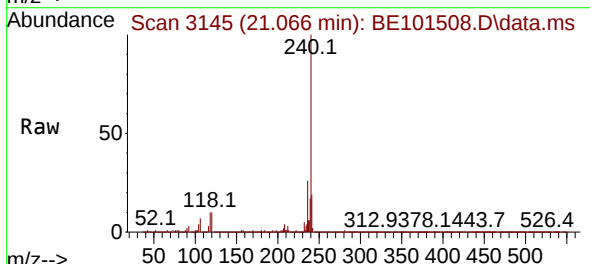
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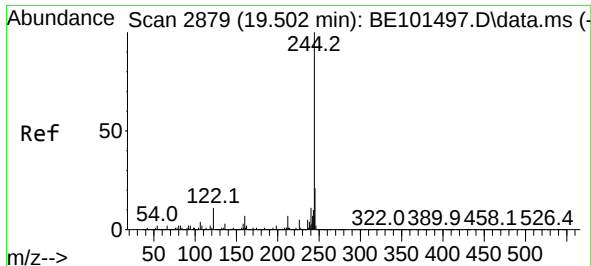
Tgt Ion:188 Resp: 336796
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.1 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.066 min Scan# 3145
Delta R.T. -0.011 min
Lab File: BE101508.D
Acq: 6 Nov 2024 22:51

Tgt Ion:240 Resp: 442281
Ion Ratio Lower Upper
240 100
120 10.4 8.2 12.4
236 26.3 21.4 32.2

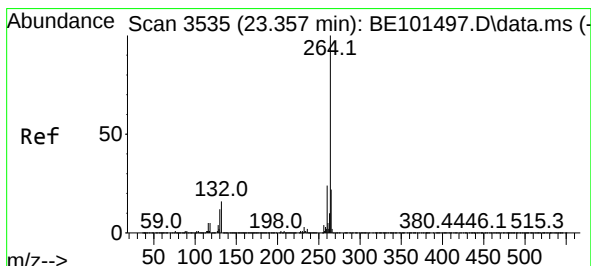
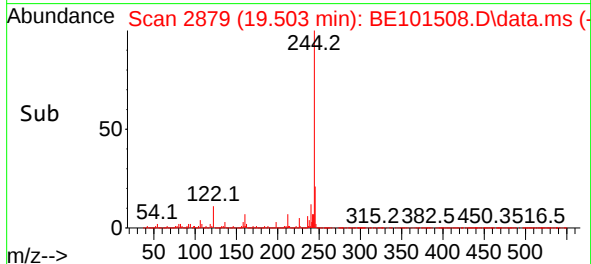
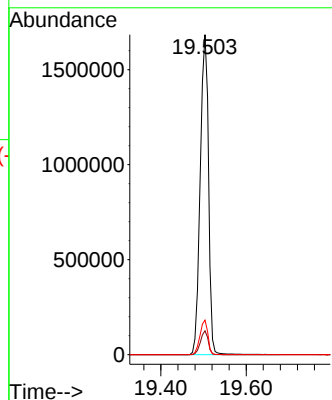
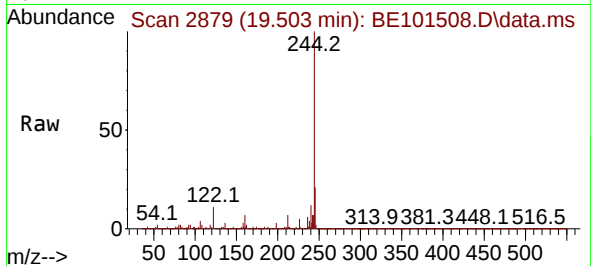




#79
 Terphenyl-d14
 Concen: 113.707 ng
 RT: 19.503 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BE101508.D
 Acq: 6 Nov 2024 22:51

Instrument :
 BNA_E
 ClientSampleId :
 BP-F-6

Tgt Ion:244 Resp: 2271915
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 10.8 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.352 min Scan# 3534
 Delta R.T. -0.005 min
 Lab File: BE101508.D
 Acq: 6 Nov 2024 22:51

Tgt Ion:264 Resp: 579467
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.9 17.4 26.2

