

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
 Data File : BE101478.D
 Acq On : 5 Nov 2024 14:32
 Operator : RC/JU
 Sample : P4675-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 COMP-6

Quant Time: Nov 05 14:31:38 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	7.565	152	60105	20.000	ng	0.00
21) Naphthalene-d8	10.338	136	260070	20.000	ng	0.00
39) Acenaphthene-d10	14.175	164	173496	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	409836	20.000	ng	0.00
76) Chrysene-d12	21.072	240	472315	20.000	ng	0.00
86) Perylene-d12	23.364	264	608790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	369990	107.889	ng	0.00
7) Phenol-d6	6.948	99	484331	101.854	ng	0.00
23) Nitrobenzene-d5	8.775	82	281414	67.964	ng	-0.01
42) 2,4,6-Tribromophenol	15.685	330	316390	104.047	ng	0.00
45) 2-Fluorobiphenyl	12.800	172	748108	73.025	ng	0.00
79) Terphenyl-d14	19.510	244	1562171	76.123	ng	0.00

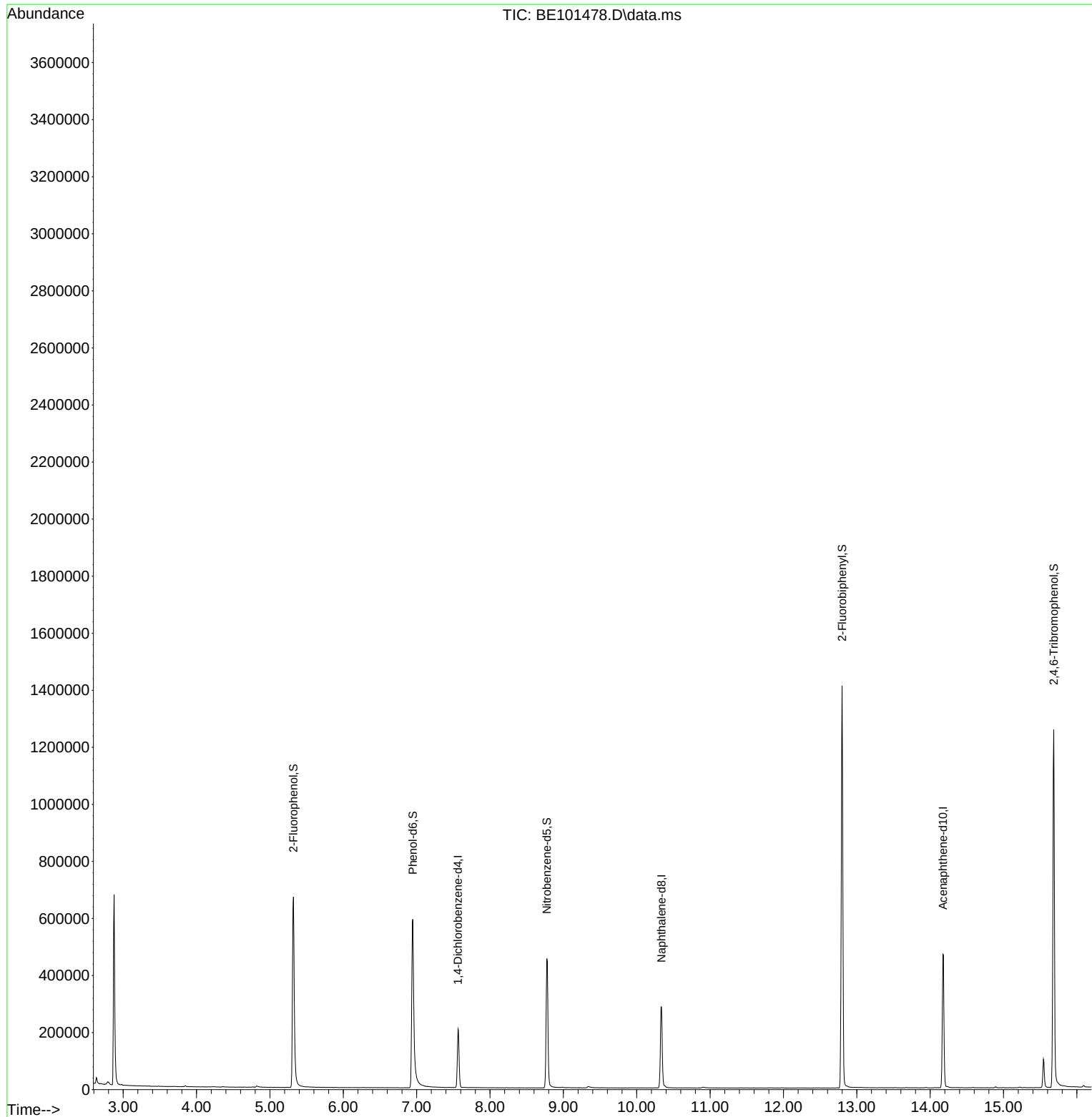
Target Compounds	Qvalue

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

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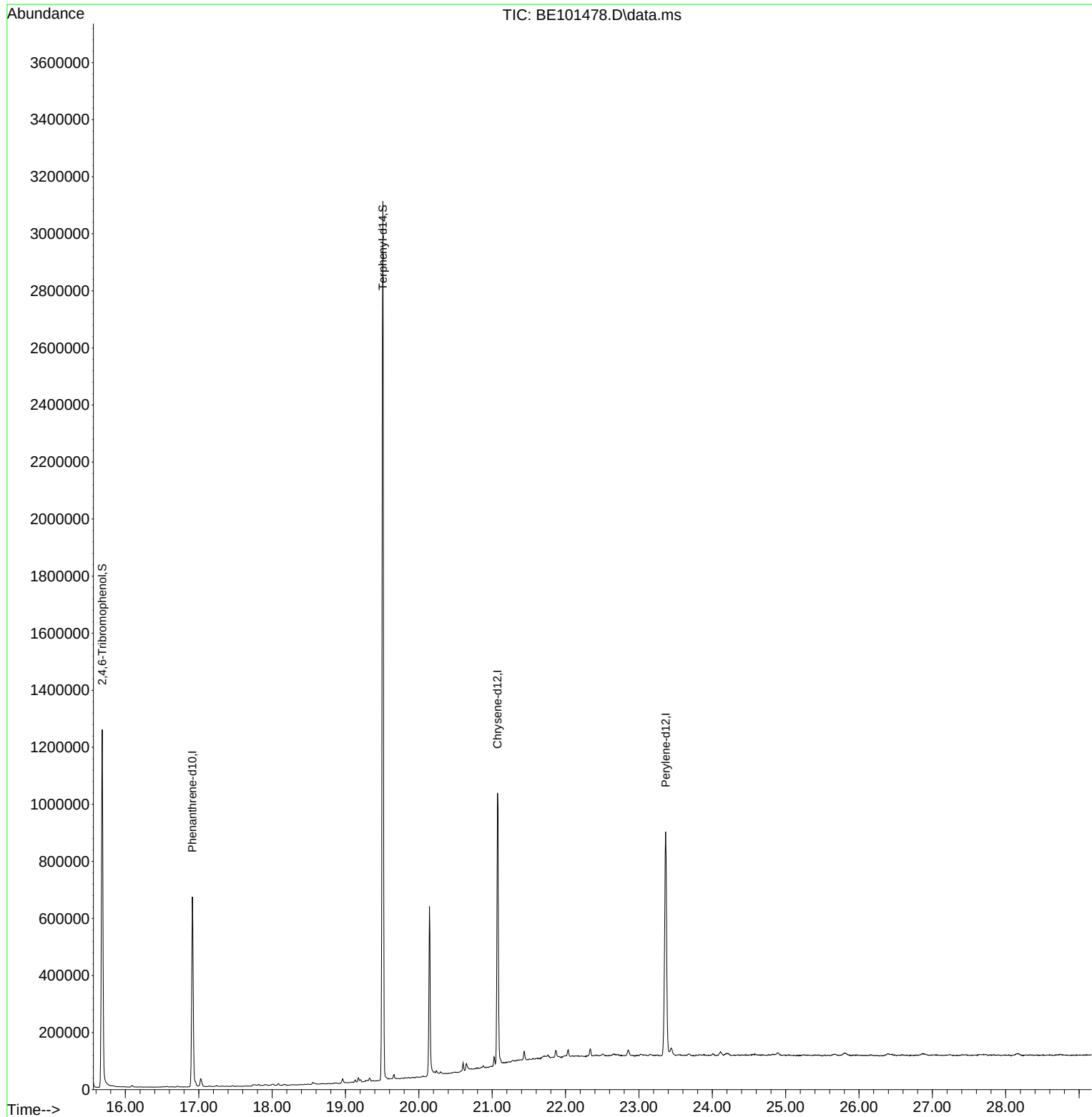
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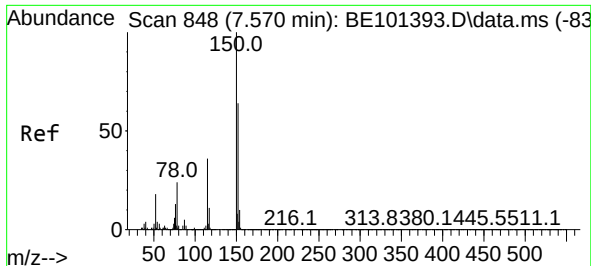


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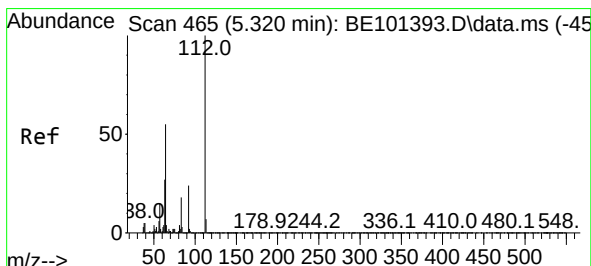
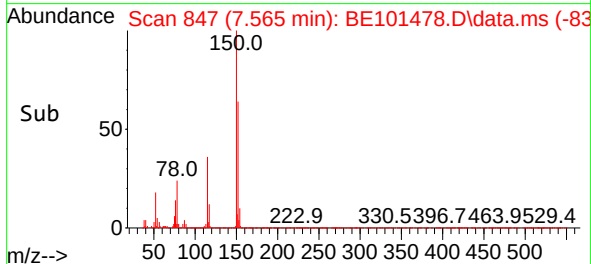
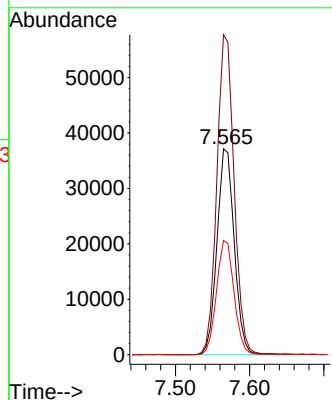
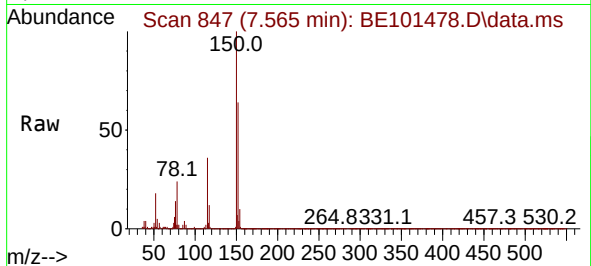




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.565 min Scan# 848
Delta R.T. -0.005 min
Lab File: BE101478.D
Acq: 5 Nov 2024 14:32

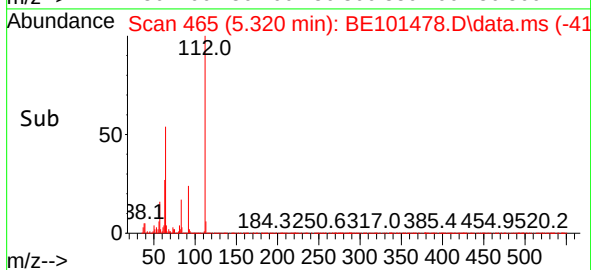
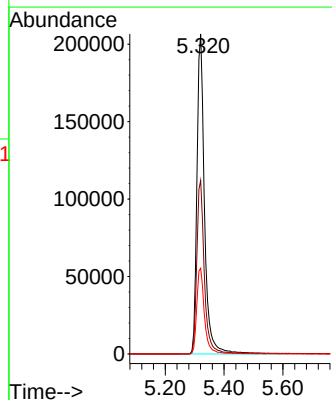
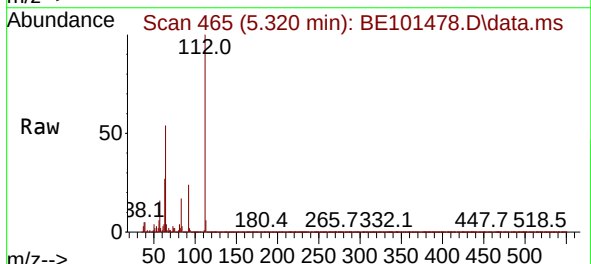
Instrument :
BNA_E
ClientSampleId :
COMP-6

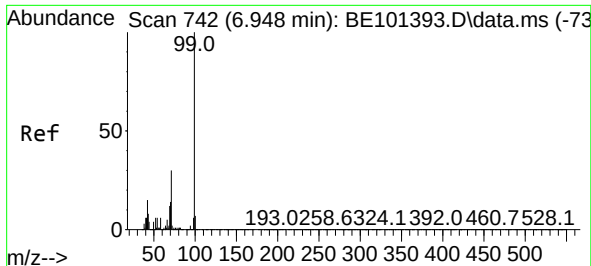
Tgt Ion:152 Resp: 60105
Ion Ratio Lower Upper
152 100
150 155.3 124.2 186.4
115 55.5 45.3 67.9



#5
2-Fluorophenol
Concen: 107.889 ng
RT: 5.320 min Scan# 465
Delta R.T. 0.000 min
Lab File: BE101478.D
Acq: 5 Nov 2024 14:32

Tgt Ion:112 Resp: 369990
Ion Ratio Lower Upper
112 100
64 54.2 43.7 65.5
63 26.8 21.4 32.2

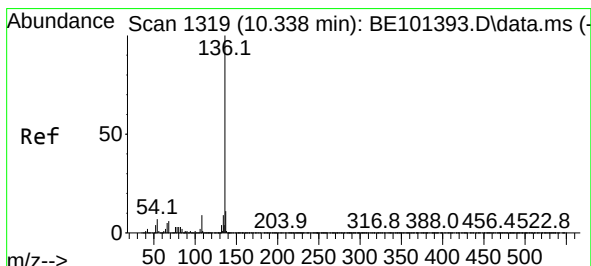
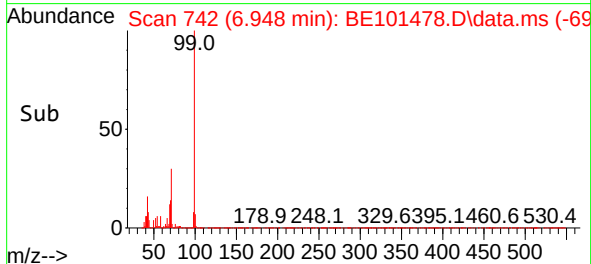
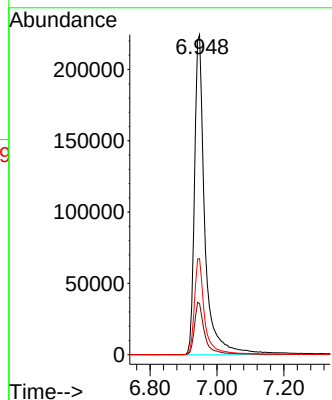
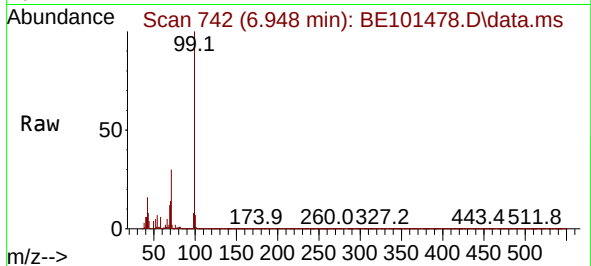




#7
Phenol-d6
Concen: 101.854 ng
RT: 6.948 min Scan# 742
Delta R.T. 0.000 min
Lab File: BE101478.D
Acq: 5 Nov 2024 14:32

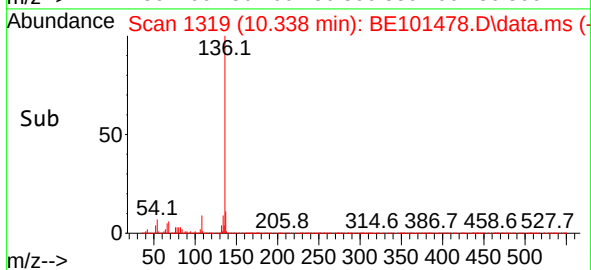
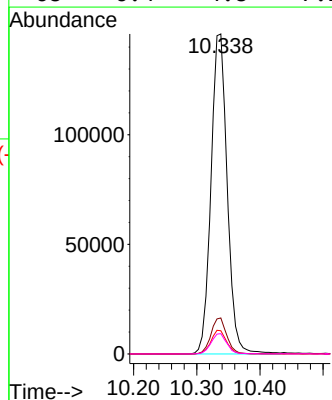
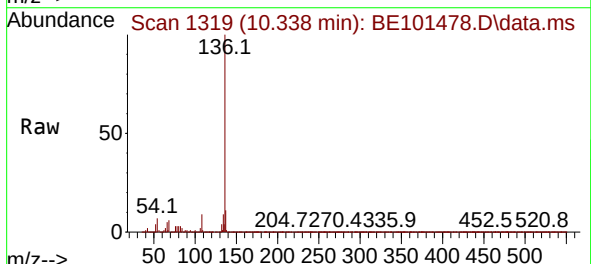
Instrument :
BNA_E
ClientSampleId :
COMP-6

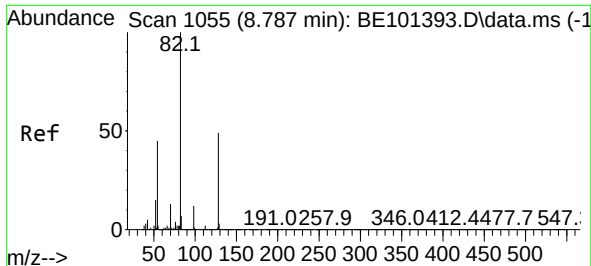
Tgt Ion: 99 Resp: 484331
Ion Ratio Lower Upper
99 100
42 16.0 12.3 18.5
71 30.0 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.338 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BE101478.D
Acq: 5 Nov 2024 14:32

Tgt Ion:136 Resp: 260070
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 7.2 5.9 8.9
68 6.4 4.8 7.2

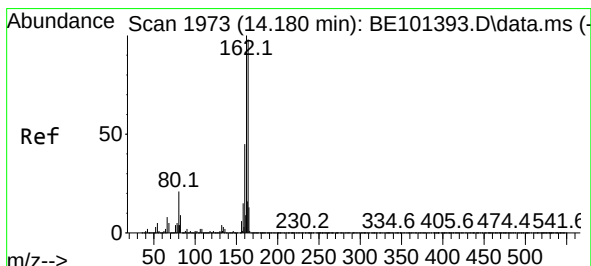
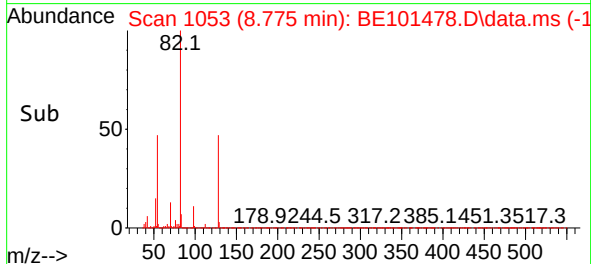
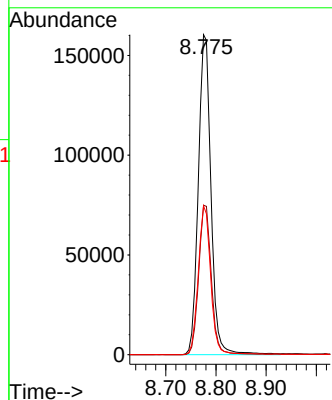
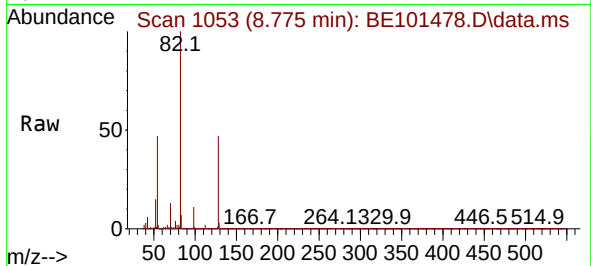




#23
Nitrobenzene-d5
Concen: 67.964 ng
RT: 8.775 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BE101478.D
Acq: 5 Nov 2024 14:32

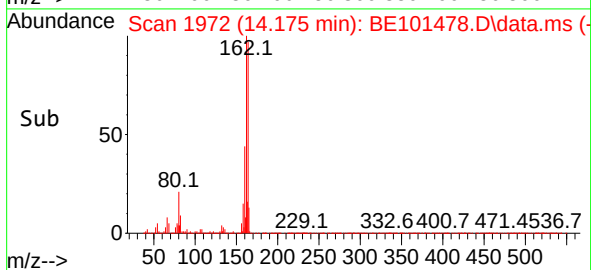
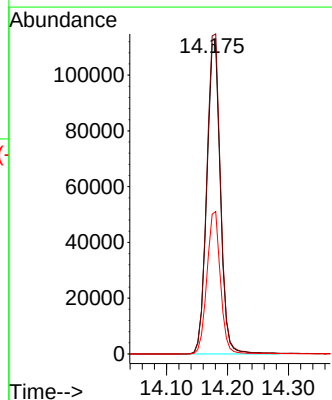
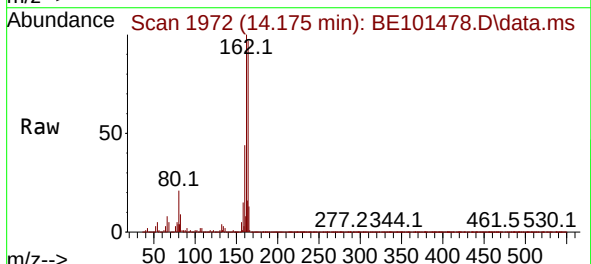
Instrument :
BNA_E
ClientSampleId :
COMP-6

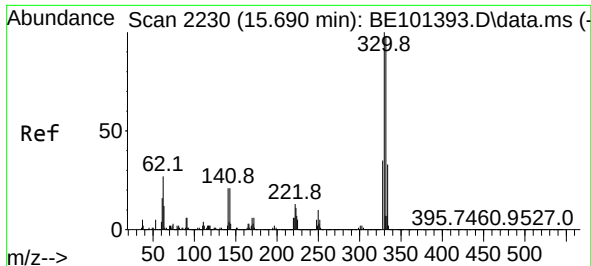
Tgt Ion: 82 Resp: 281414
Ion Ratio Lower Upper
82 100
128 46.7 38.9 58.3
54 46.5 36.2 54.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.175 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BE101478.D
Acq: 5 Nov 2024 14:32

Tgt Ion:164 Resp: 173496
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 45.1 36.4 54.6

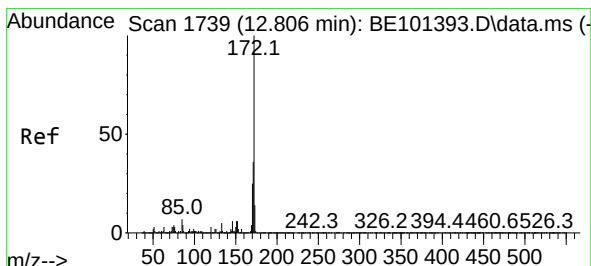
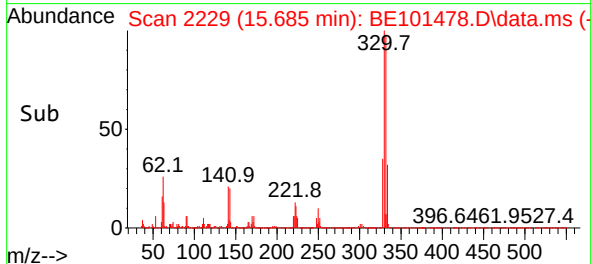
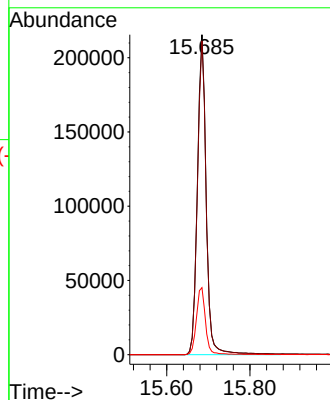
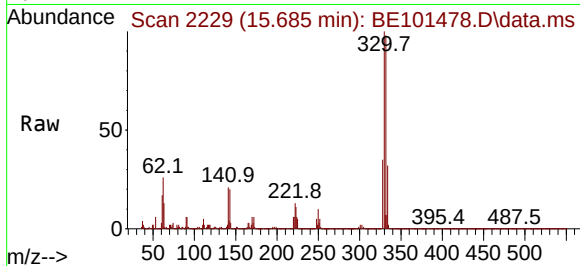




#42
2,4,6-Tribromophenol
Concen: 104.047 ng
RT: 15.685 min Scan# 211
Delta R.T. -0.006 min
Lab File: BE101478.D
Acq: 5 Nov 2024 14:32

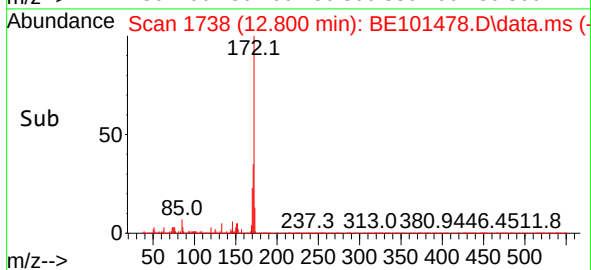
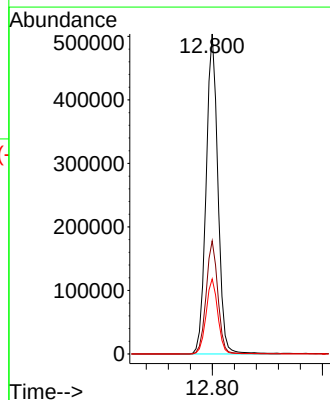
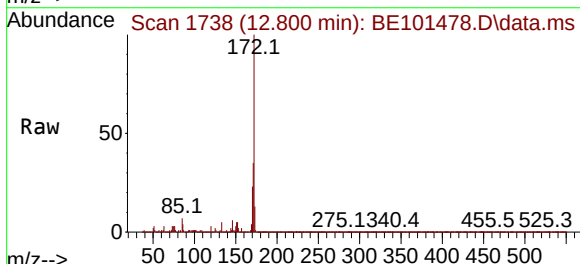
Instrument :
BNA_E
ClientSampleId :
COMP-6

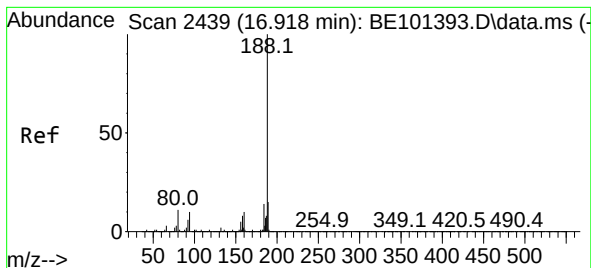
Tgt Ion:330 Resp: 316390
Ion Ratio Lower Upper
330 100
332 98.2 78.2 117.2
141 21.8 18.3 27.5



#45
2-Fluorobiphenyl
Concen: 73.025 ng
RT: 12.800 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BE101478.D
Acq: 5 Nov 2024 14:32

Tgt Ion:172 Resp: 748108
Ion Ratio Lower Upper
172 100
171 35.4 29.2 43.8
170 23.5 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.913 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BE101478.D

Acq: 5 Nov 2024 14:32

Instrument :

BNA_E

ClientSampleId :

COMP-6

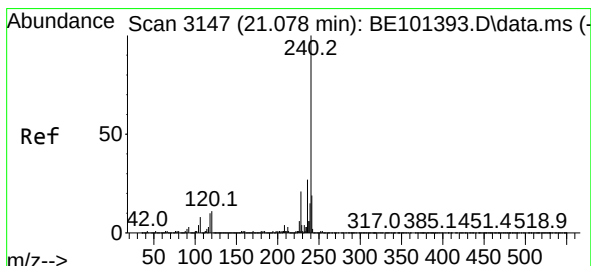
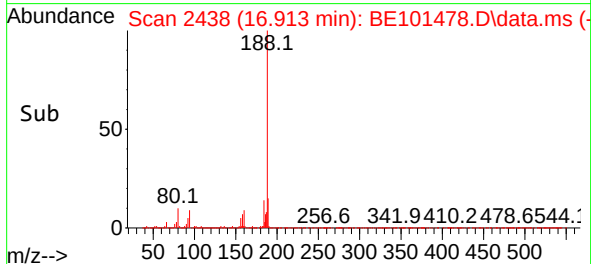
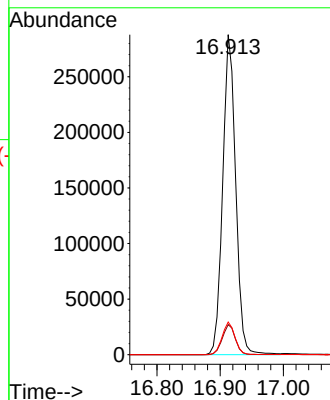
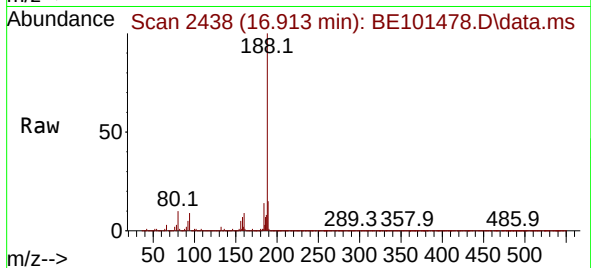
Tgt Ion:188 Resp: 409836

Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.8

80 10.2 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.072 min Scan# 3146

Delta R.T. -0.006 min

Lab File: BE101478.D

Acq: 5 Nov 2024 14:32

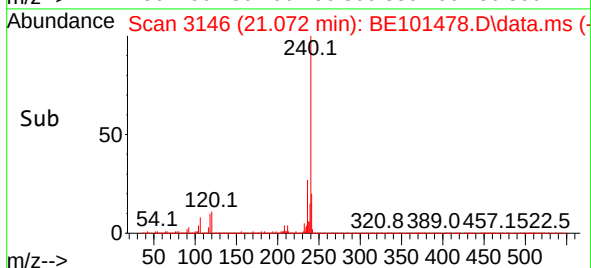
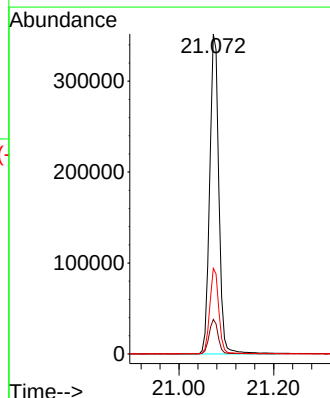
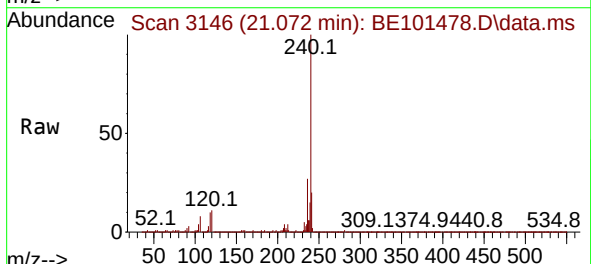
Tgt Ion:240 Resp: 472315

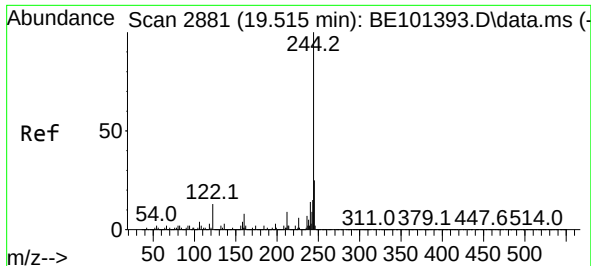
Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.4

236 26.8 21.4 32.0

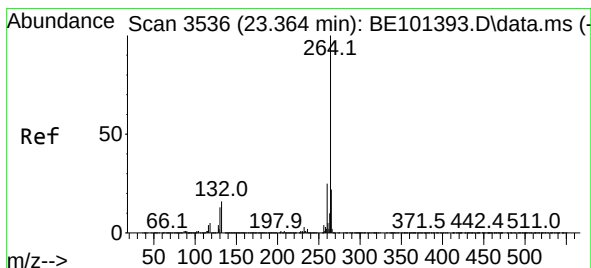
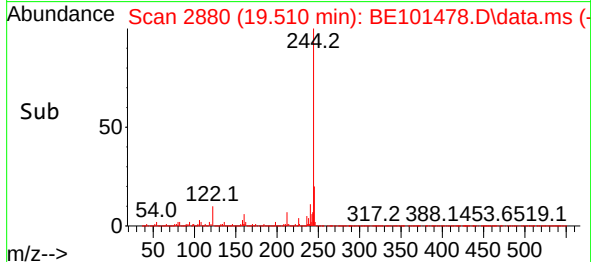
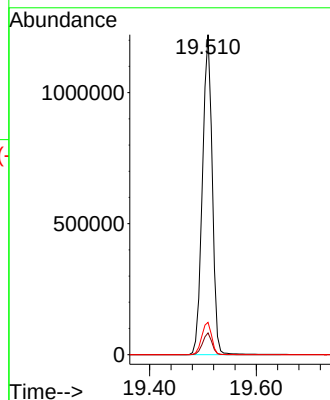
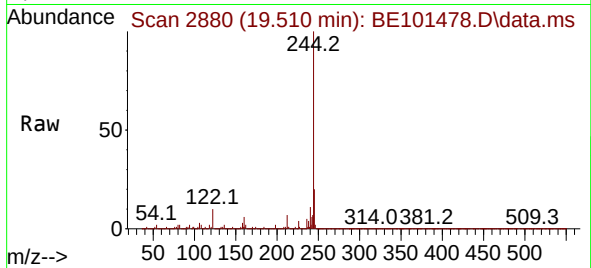




#79
 Terphenyl-d14
 Concen: 76.123 ng
 RT: 19.510 min Scan# 2880
 Delta R.T. -0.005 min
 Lab File: BE101478.D
 Acq: 5 Nov 2024 14:32

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion:244 Resp: 1562171
 Ion Ratio Lower Upper
 244 100
 212 6.8 7.2 10.8#
 122 10.1 10.4 15.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.364 min Scan# 3536
 Delta R.T. 0.000 min
 Lab File: BE101478.D
 Acq: 5 Nov 2024 14:32

Tgt Ion:264 Resp: 608790
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.8
 265 21.6 17.6 26.4

