

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111224\
 Data File : BE101576.D
 Acq On : 12 Nov 2024 11:11
 Operator : RC/JU
 Sample : PB164886BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB164886BL

Quant Time: Nov 12 12:01:17 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)

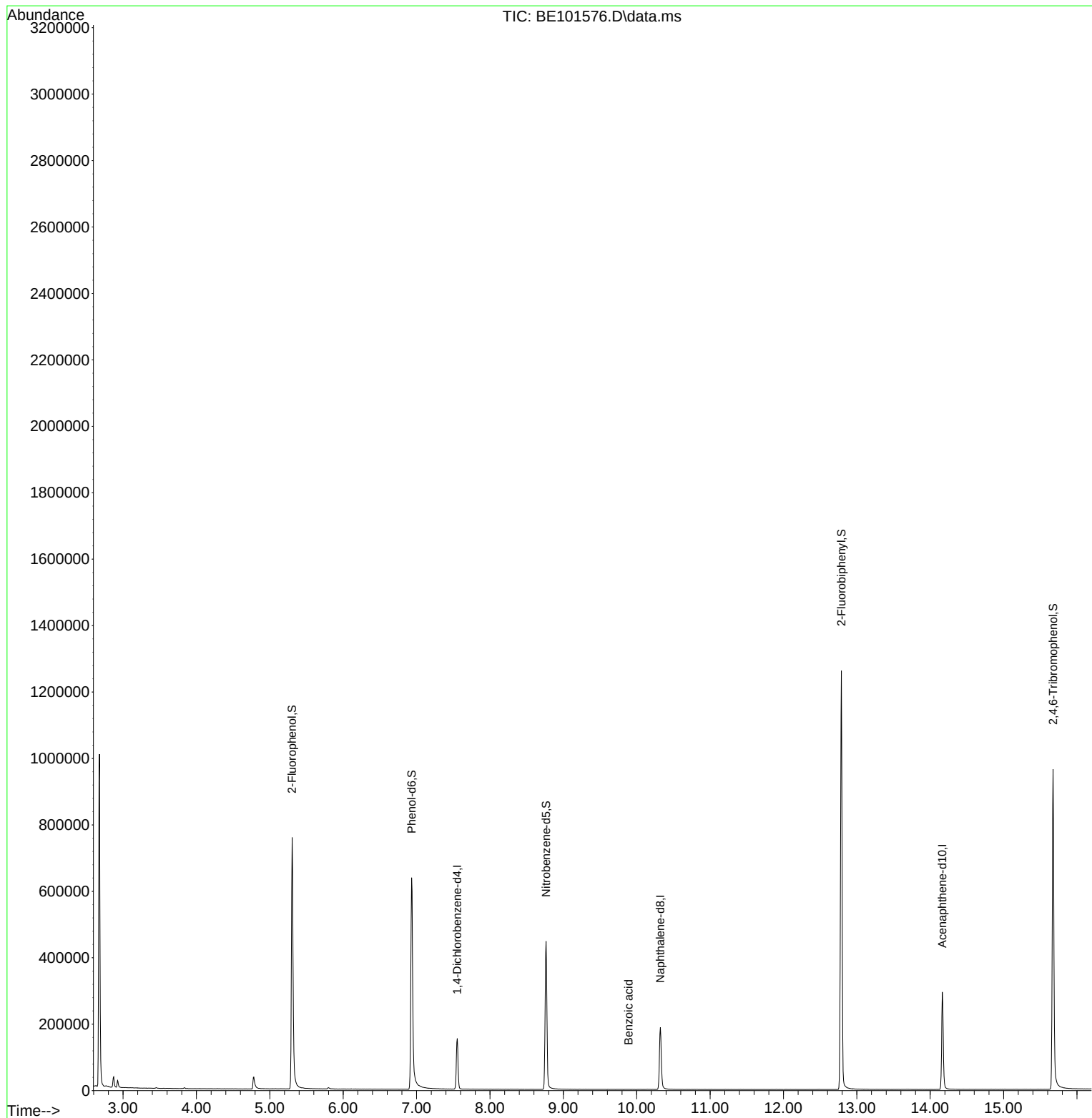
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	43722	20.000	ng	0.00
21) Naphthalene-d8	10.322	136	176416	20.000	ng	0.00
39) Acenaphthene-d10	14.165	164	107077	20.000	ng	0.00
64) Phenanthrene-d10	16.903	188	234410	20.000	ng	0.00
76) Chrysene-d12	21.069	240	303518	20.000	ng	0.00
86) Perylene-d12	23.348	264	454322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	377504	152.668	ng	0.00
7) Phenol-d6	6.932	99	456197	134.560	ng	-0.01
23) Nitrobenzene-d5	8.765	82	273748	98.014	ng	0.00
42) 2,4,6-Tribromophenol	15.675	330	251995	125.068	ng	0.00
45) 2-Fluorobiphenyl	12.790	172	676726	103.193	ng	0.00
79) Terphenyl-d14	19.500	244	1360432	99.217	ng	0.00
Target Compounds						
32) Benzoic acid	9.888	122	12	6.840	ng	Qvalue # 1

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

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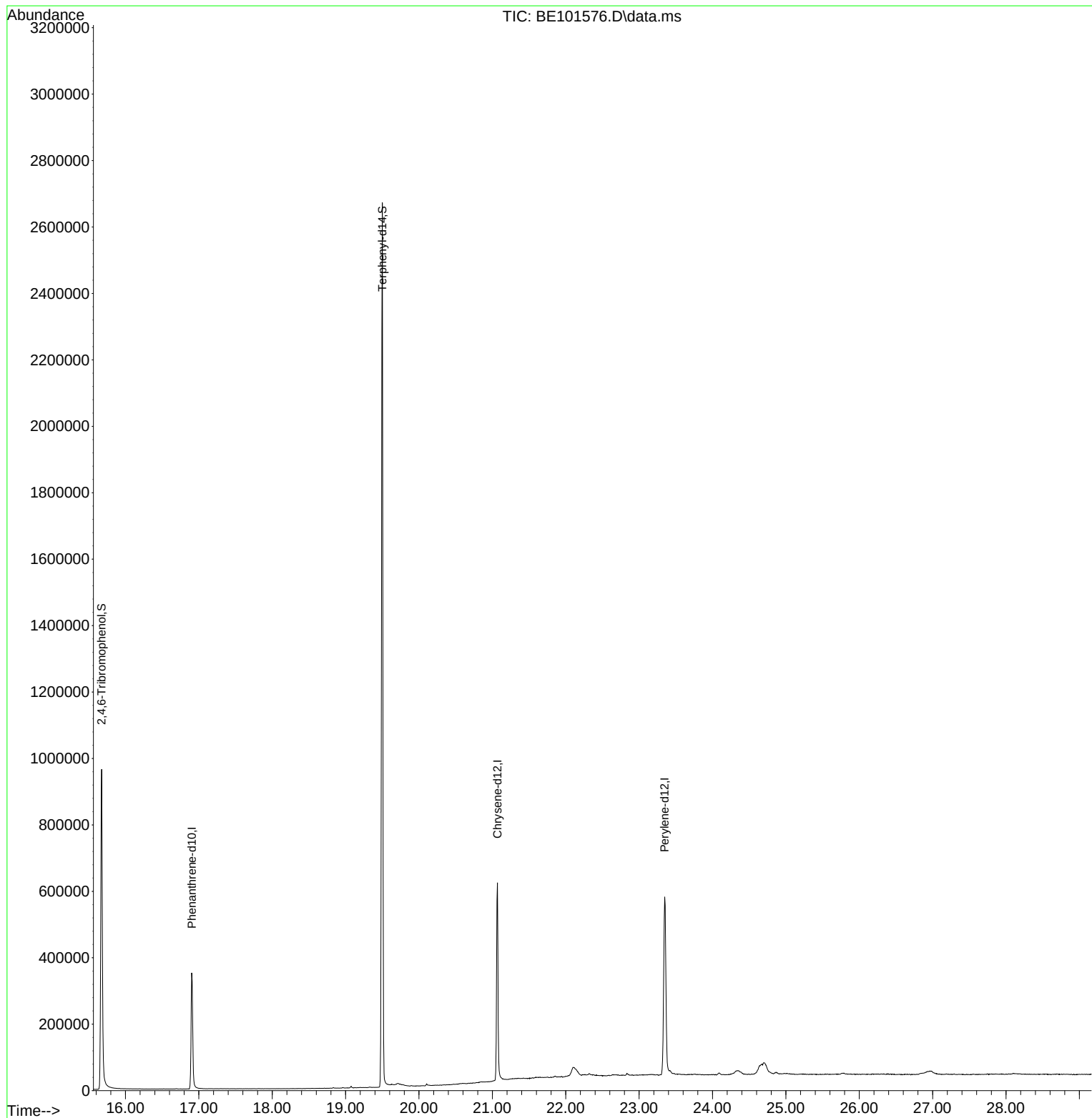
Quant Time: Nov 12 12:01:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
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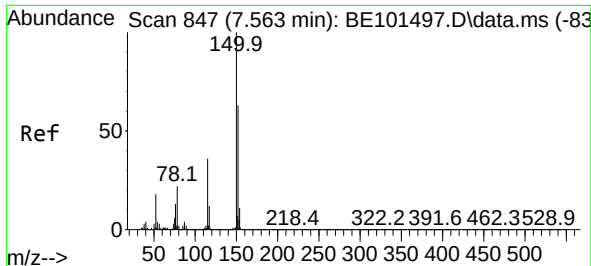


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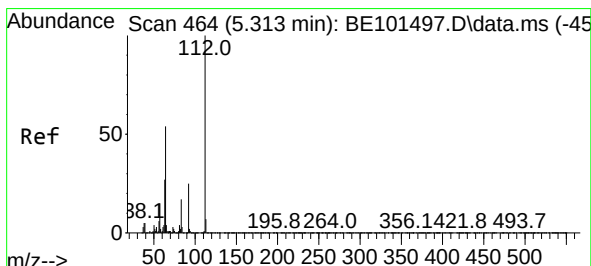
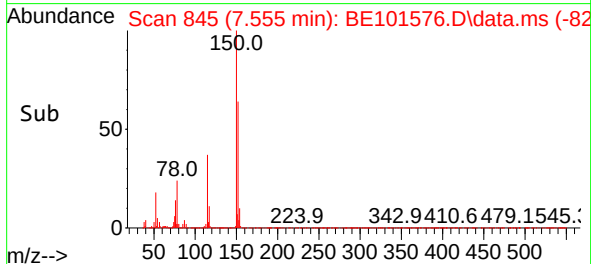
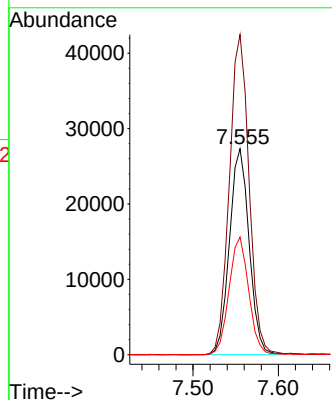
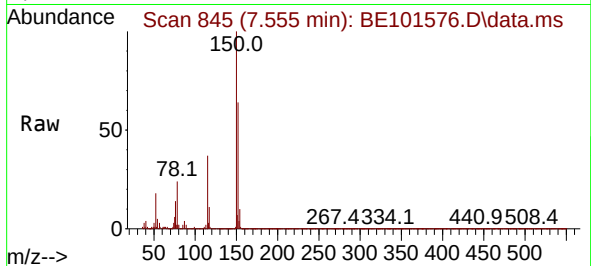




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.555 min Scan# 84
Delta R.T. -0.008 min
Lab File: BE101576.D
Acq: 12 Nov 2024 11:11

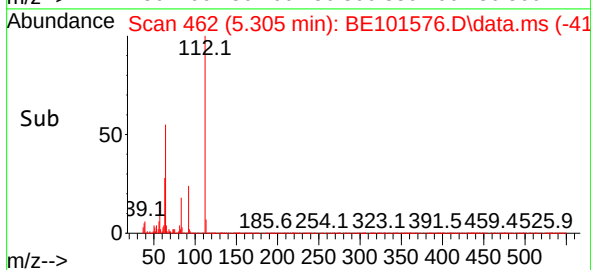
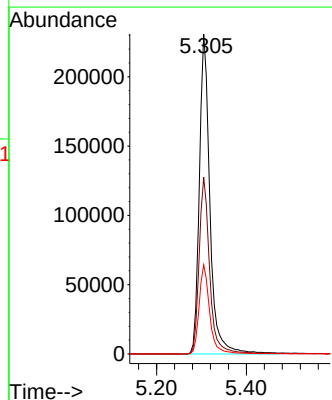
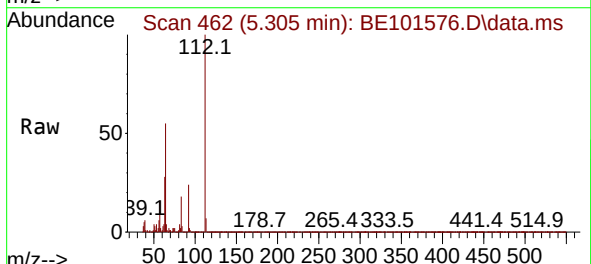
Instrument :
BNA_E
ClientSampleId :
PB164886BL

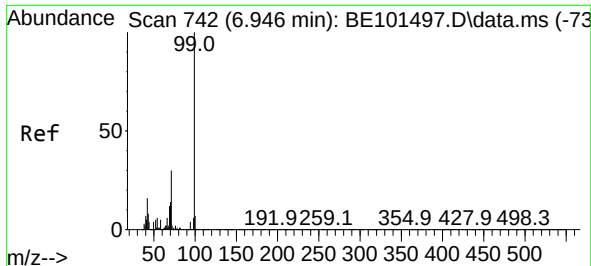
Tgt Ion:152 Resp: 43722
Ion Ratio Lower Upper
152 100
150 155.4 126.3 189.5
115 57.1 45.0 67.4



#5
2-Fluorophenol
Concen: 152.668 ng
RT: 5.305 min Scan# 462
Delta R.T. -0.008 min
Lab File: BE101576.D
Acq: 12 Nov 2024 11:11

Tgt Ion:112 Resp: 377504
Ion Ratio Lower Upper
112 100
64 55.2 43.2 64.8
63 27.9 21.8 32.6

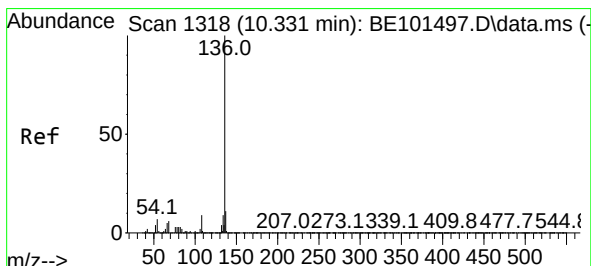
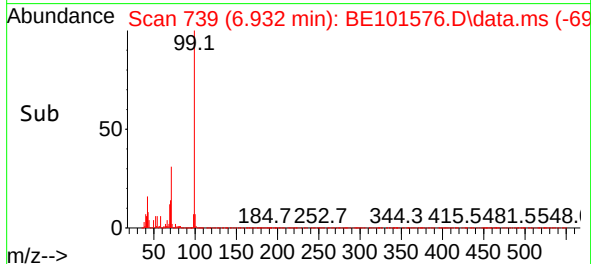
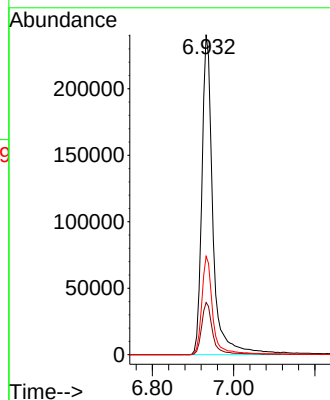
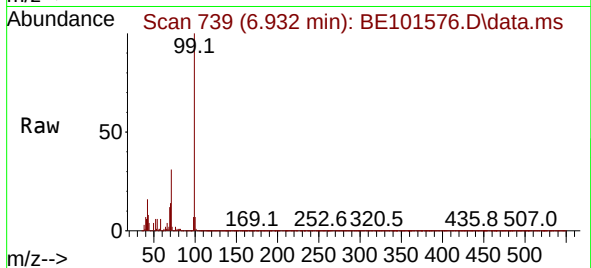




#7
Phenol-d6
Concen: 134.560 ng
RT: 6.932 min Scan# 742
Delta R.T. -0.014 min
Lab File: BE101576.D
Acq: 12 Nov 2024 11:11

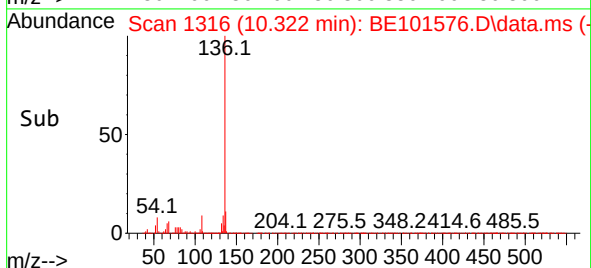
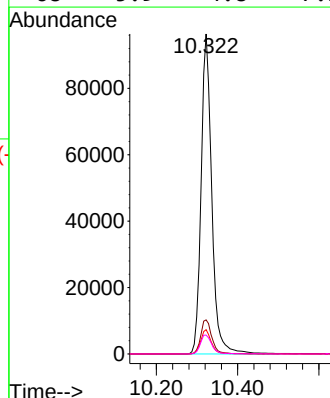
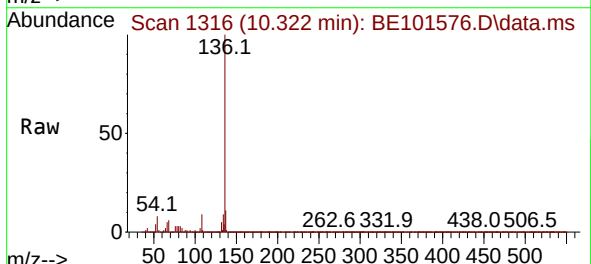
Instrument :
BNA_E
ClientSampleId :
PB164886BL

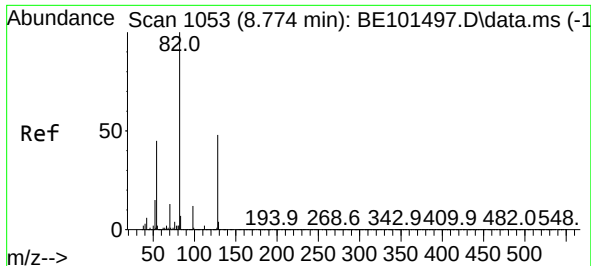
Tgt Ion: 99 Resp: 456197
Ion Ratio Lower Upper
99 100
42 16.3 12.5 18.7
71 30.8 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.322 min Scan# 1316
Delta R.T. -0.008 min
Lab File: BE101576.D
Acq: 12 Nov 2024 11:11

Tgt Ion: 136 Resp: 176416
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.6 5.6 8.4
68 5.9 4.8 7.2

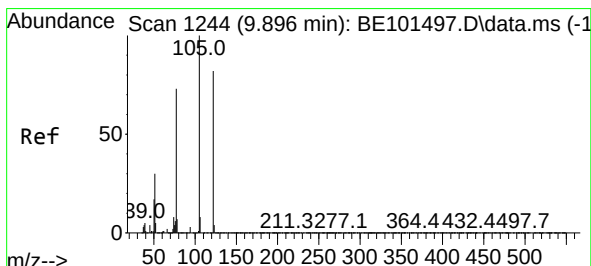
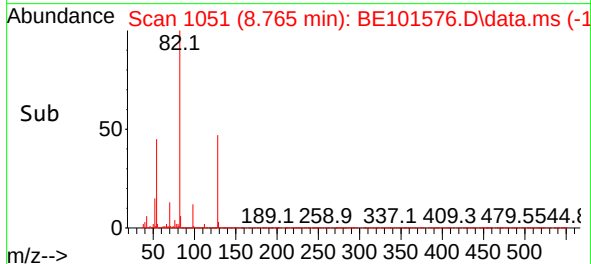
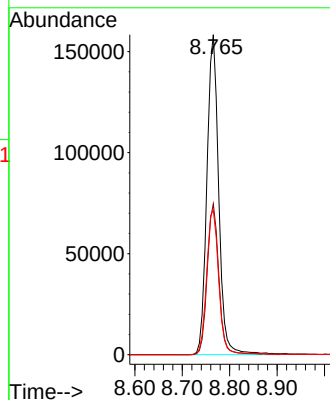
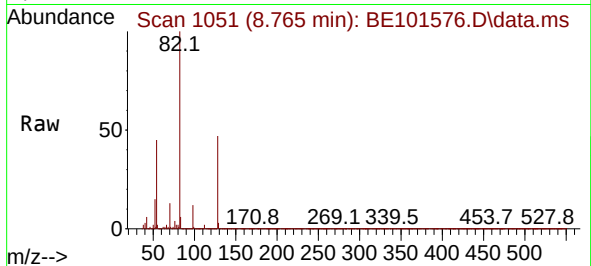




#23
Nitrobenzene-d5
Concen: 98.014 ng
RT: 8.765 min Scan# 1051
Delta R.T. -0.008 min
Lab File: BE101576.D
Acq: 12 Nov 2024 11:11

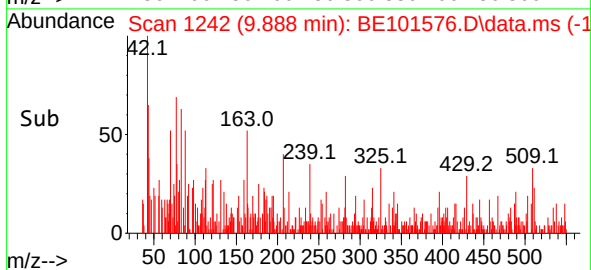
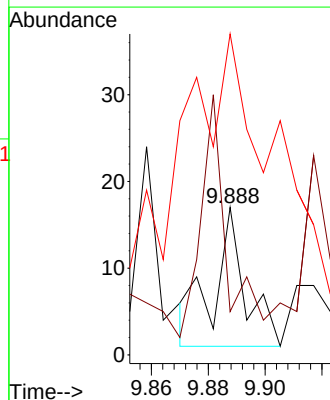
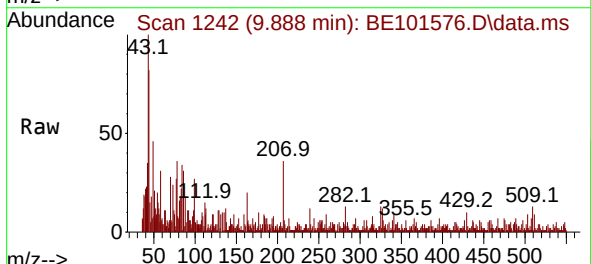
Instrument :
BNA_E
ClientSampleId :
PB164886BL

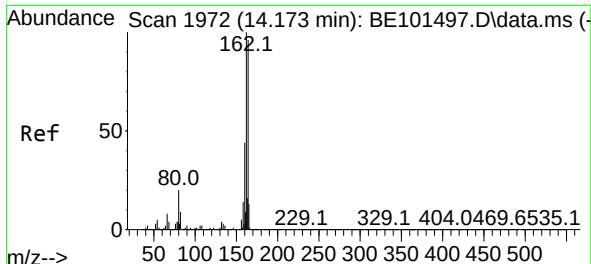
Tgt Ion: 82 Resp: 273748
Ion Ratio Lower Upper
82 100
128 47.1 38.6 58.0
54 45.2 36.3 54.5



#32
Benzoic acid
Concen: 6.840 ng
RT: 9.888 min Scan# 1242
Delta R.T. -0.008 min
Lab File: BE101576.D
Acq: 12 Nov 2024 11:11

Tgt Ion: 122 Resp: 12
Ion Ratio Lower Upper
122 100
105 29.4 100.6 140.6#
77 217.6 68.6 108.6#

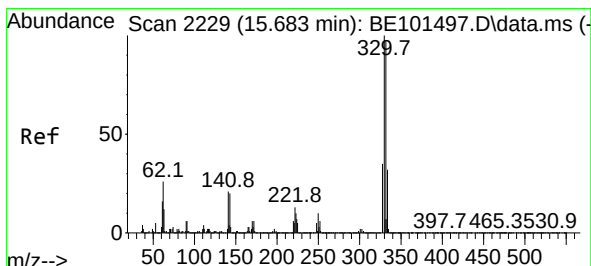
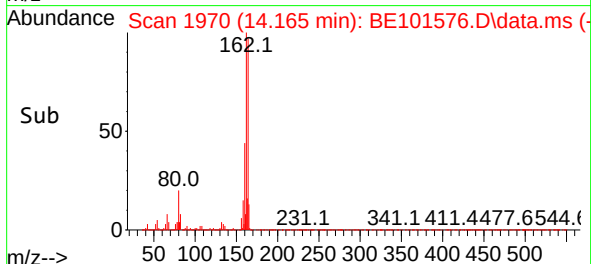
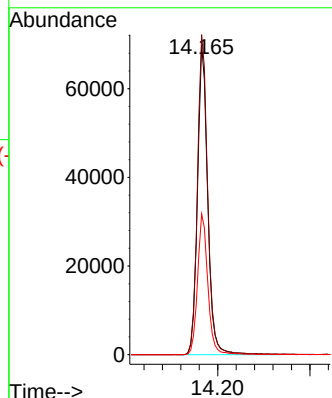
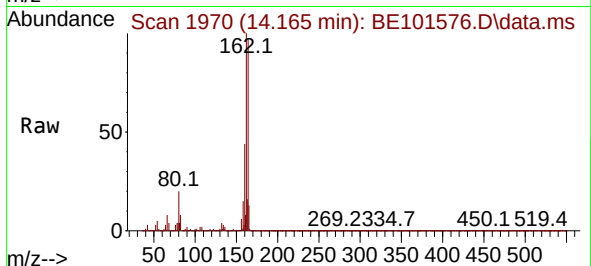




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.165 min Scan# 1972
Delta R.T. -0.008 min
Lab File: BE101576.D
Acq: 12 Nov 2024 11:11

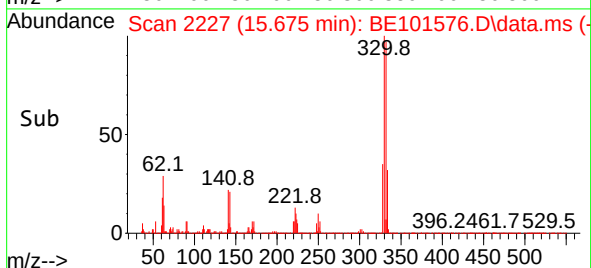
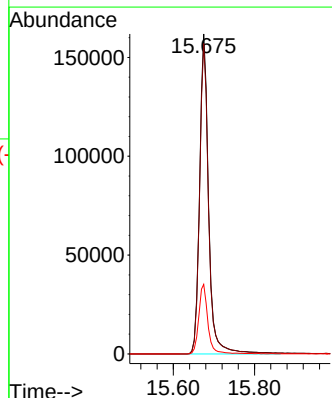
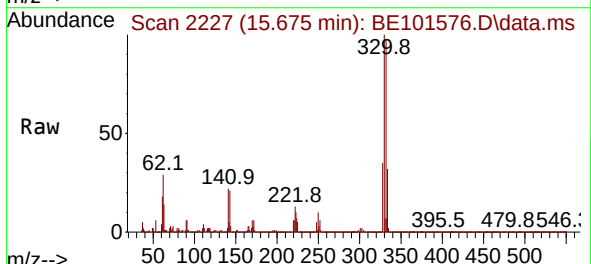
Instrument :
BNA_E
ClientSampleId :
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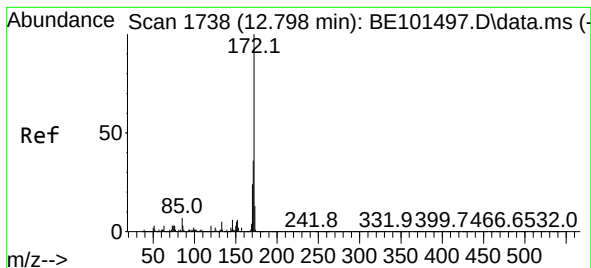
Tgt Ion:164 Resp: 107077
Ion Ratio Lower Upper
164 100
162 103.4 83.7 125.5
160 45.5 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 125.068 ng
RT: 15.675 min Scan# 2227
Delta R.T. -0.008 min
Lab File: BE101576.D
Acq: 12 Nov 2024 11:11

Tgt Ion:330 Resp: 251995
Ion Ratio Lower Upper
330 100
332 97.3 77.7 116.5
141 21.9 17.0 25.4





#45

2-Fluorobiphenyl

Concen: 103.193 ng

RT: 12.790 min Scan# 1

Delta R.T. -0.008 min

Lab File: BE101576.D

Acq: 12 Nov 2024 11:11

Instrument :

BNA_E

ClientSampleId :

PB164886BL

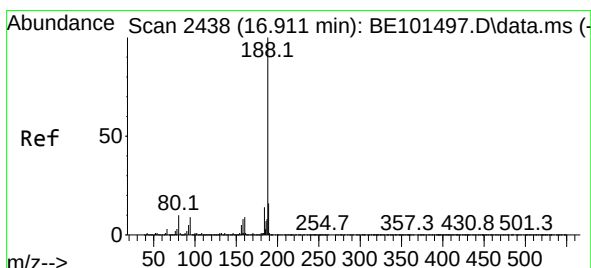
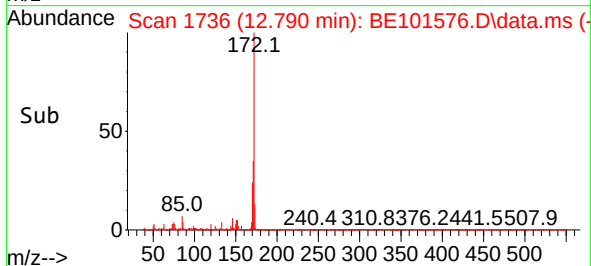
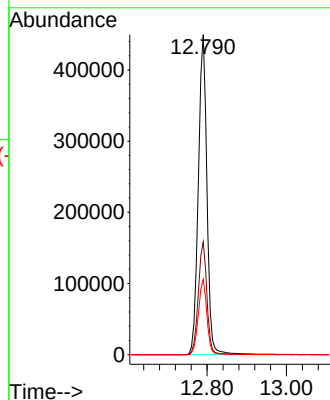
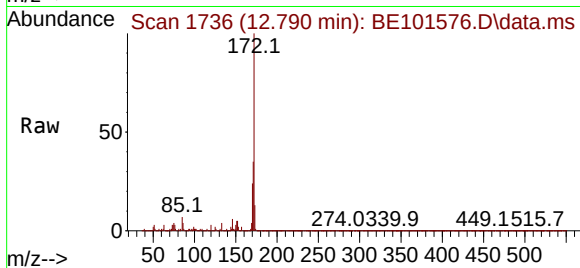
Tgt Ion:172 Resp: 676726

Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 23.6 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.903 min Scan# 2436

Delta R.T. -0.008 min

Lab File: BE101576.D

Acq: 12 Nov 2024 11:11

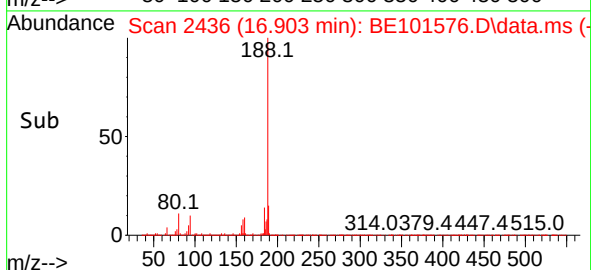
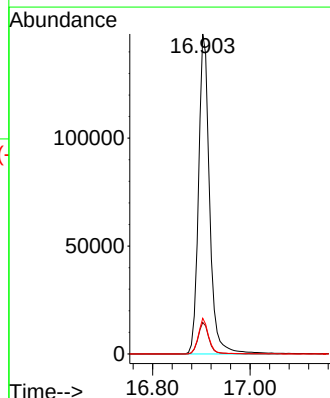
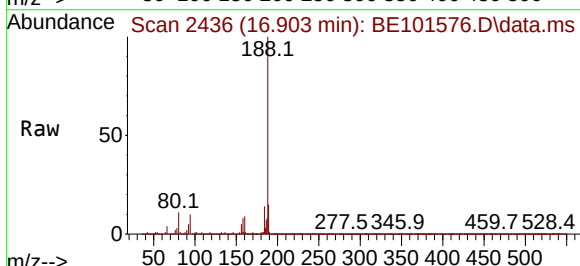
Tgt Ion:188 Resp: 234410

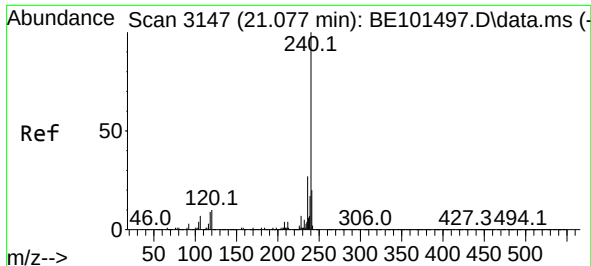
Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.2

80 11.1 8.0 12.0

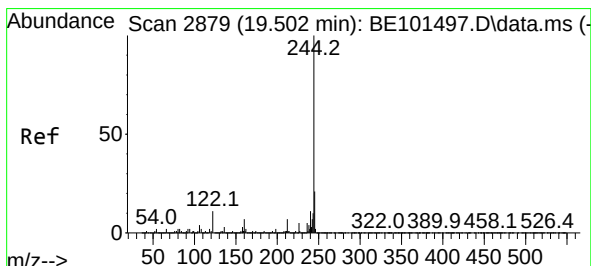
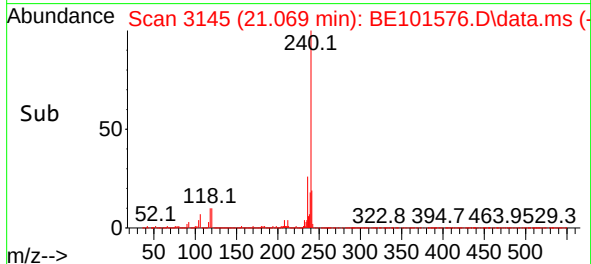
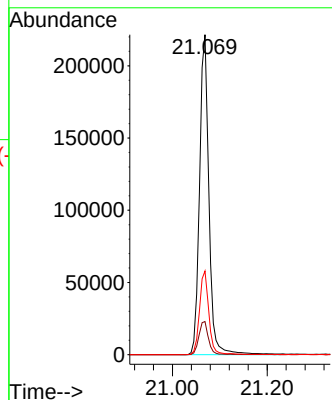
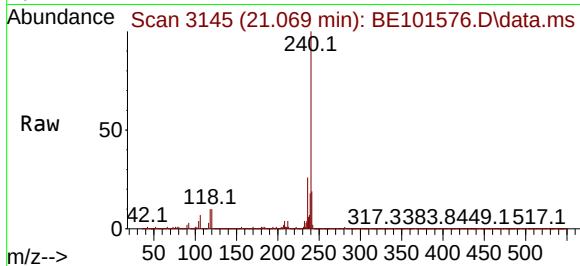




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.069 min Scan# 3147
Delta R.T. -0.008 min
Lab File: BE101576.D
Acq: 12 Nov 2024 11:11

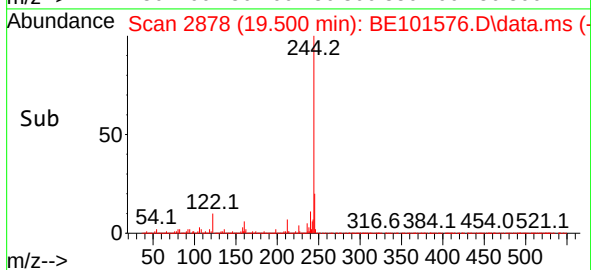
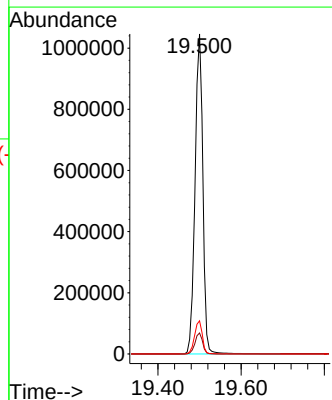
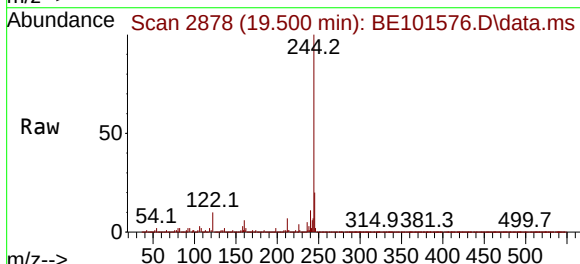
Instrument :
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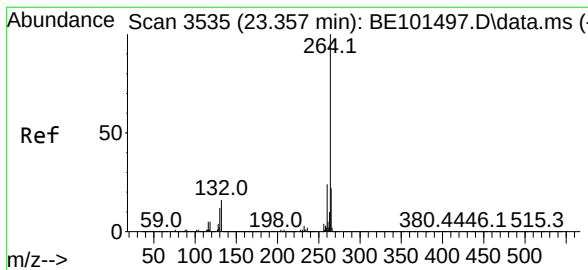
Tgt Ion:240 Resp: 303518
Ion Ratio Lower Upper
240 100
120 10.4 8.2 12.4
236 26.1 21.4 32.2



#79
Terphenyl-d14
Concen: 99.217 ng
RT: 19.500 min Scan# 2878
Delta R.T. -0.002 min
Lab File: BE101576.D
Acq: 12 Nov 2024 11:11

Tgt Ion:244 Resp: 1360432
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.8
122 10.4 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.348 min Scan# 31
 Delta R.T. -0.008 min
 Lab File: BE101576.D
 Acq: 12 Nov 2024 11:11

Instrument :
 BNA_E
 ClientSampleId :
 PB164886BL

Tgt Ion:264 Resp: 454322
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.9 17.4 26.2

