

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111124\
 Data File : BE101565.D
 Acq On : 11 Nov 2024 10:55
 Operator : RC/JU
 Sample : PB164845BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB164845BL

Quant Time: Nov 11 11:10:51 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)

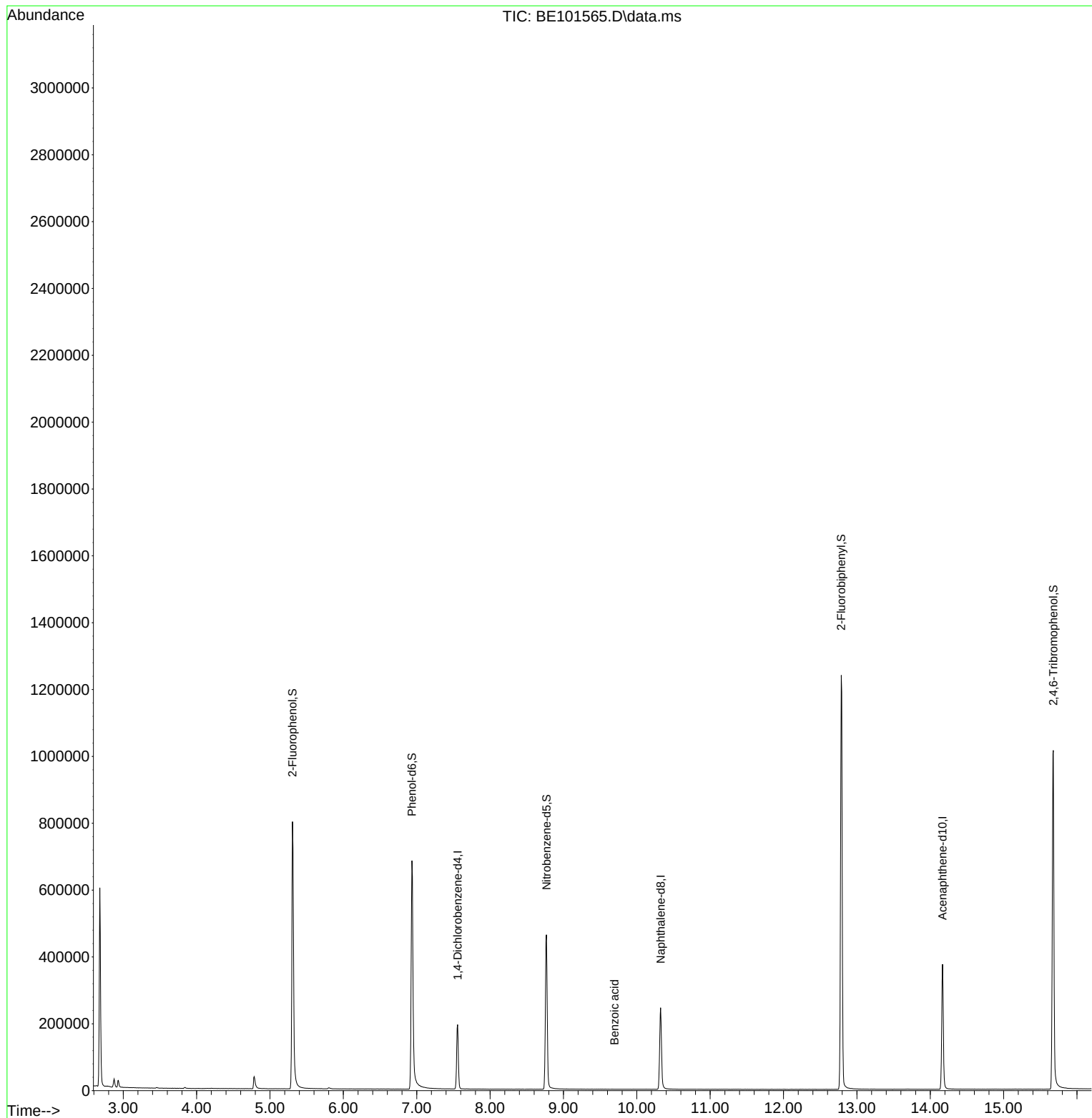
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	54855	20.000	ng	0.00
21) Naphthalene-d8	10.325	136	227680	20.000	ng	0.00
39) Acenaphthene-d10	14.167	164	136558	20.000	ng	0.00
64) Phenanthrene-d10	16.905	188	302614	20.000	ng	0.00
76) Chrysene-d12	21.065	240	361556	20.000	ng	-0.01
86) Perylene-d12	23.351	264	524875	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.307	112	403756	130.145	ng	0.00
7) Phenol-d6	6.935	99	487008	114.494	ng	-0.01
23) Nitrobenzene-d5	8.768	82	285793	79.287	ng	0.00
42) 2,4,6-Tribromophenol	15.677	330	271514	105.664	ng	0.00
45) 2-Fluorobiphenyl	12.787	172	702132	83.953	ng	-0.01
79) Terphenyl-d14	19.496	244	1383175	84.682	ng	0.00
Target Compounds						
32) Benzoic acid	9.696	122	11	6.838	ng	90

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

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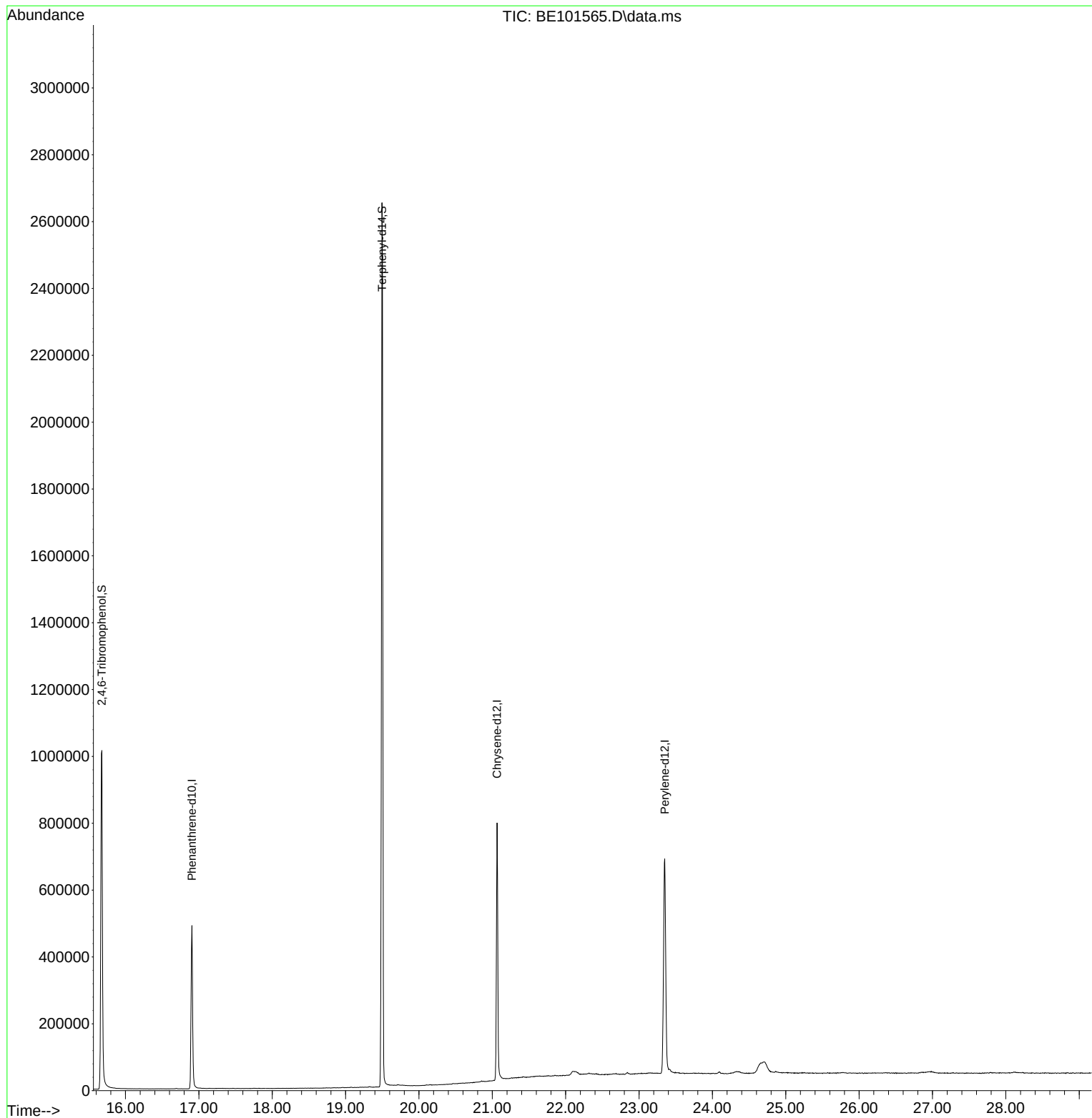
Quant Time: Nov 11 11:10:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
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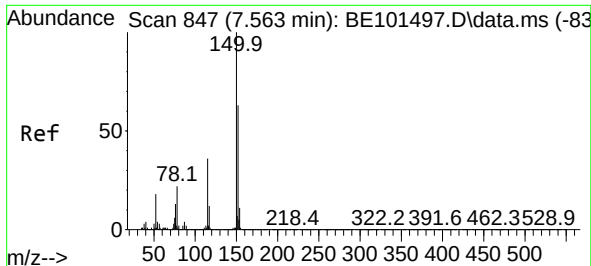


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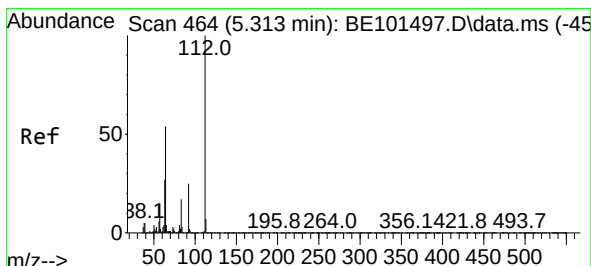
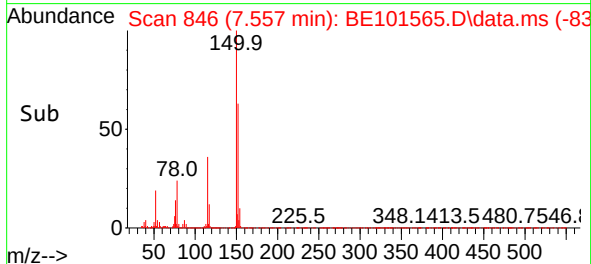
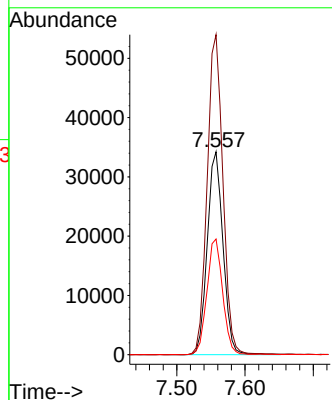
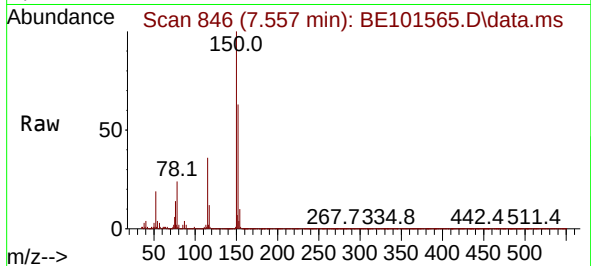




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.557 min Scan# 84
Delta R.T. -0.006 min
Lab File: BE101565.D
Acq: 11 Nov 2024 10:55

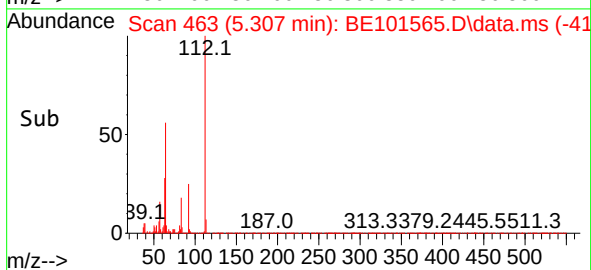
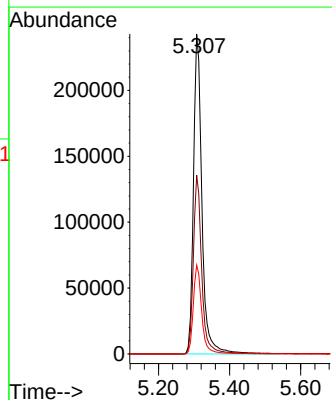
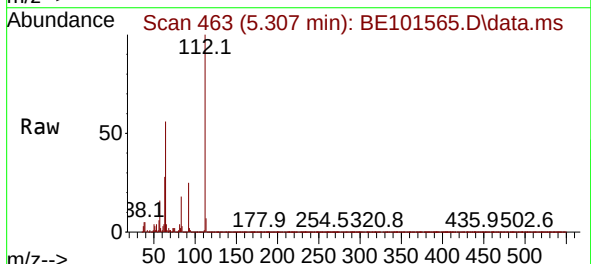
Instrument :
BNA_E
ClientSampleId :
PB164845BL

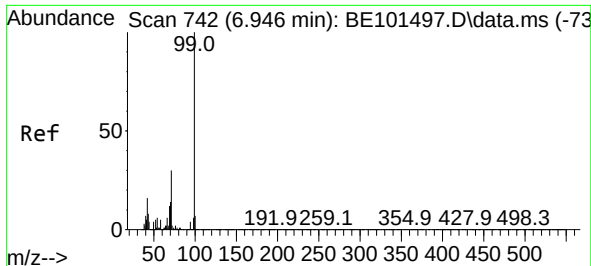
Tgt Ion:152 Resp: 54855
Ion Ratio Lower Upper
152 100
150 157.8 126.3 189.5
115 57.1 45.0 67.4



#5
2-Fluorophenol
Concen: 130.145 ng
RT: 5.307 min Scan# 463
Delta R.T. -0.006 min
Lab File: BE101565.D
Acq: 11 Nov 2024 10:55

Tgt Ion:112 Resp: 403756
Ion Ratio Lower Upper
112 100
64 55.9 43.2 64.8
63 27.7 21.8 32.6

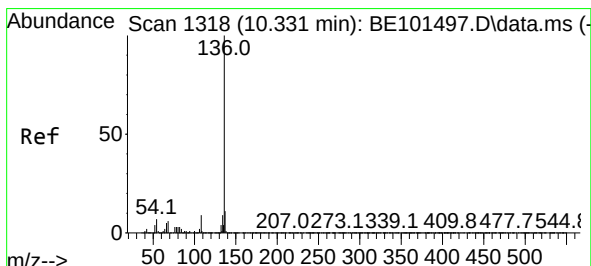
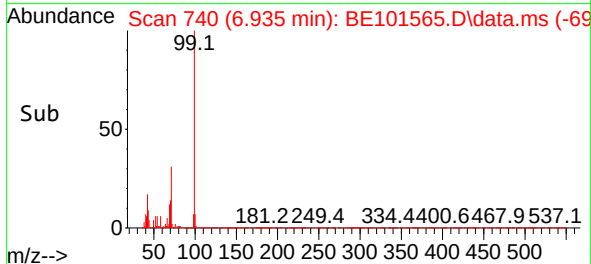
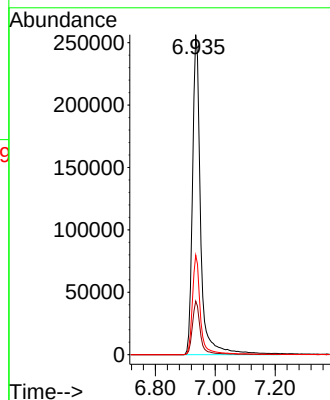
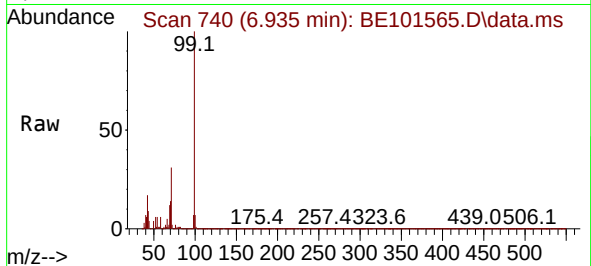




#7
Phenol-d6
Concen: 114.494 ng
RT: 6.935 min Scan# 742
Delta R.T. -0.012 min
Lab File: BE101565.D
Acq: 11 Nov 2024 10:55

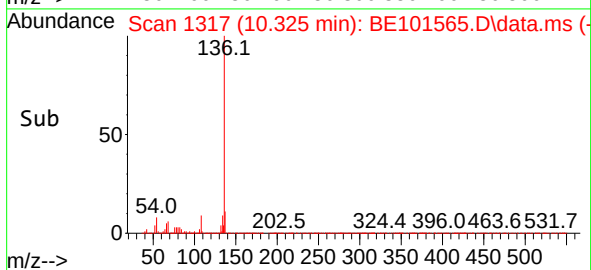
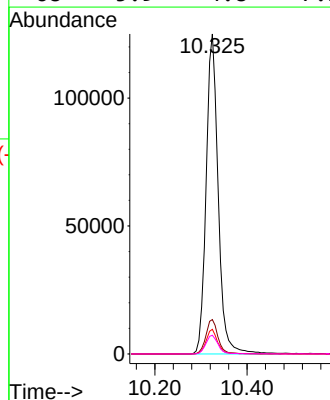
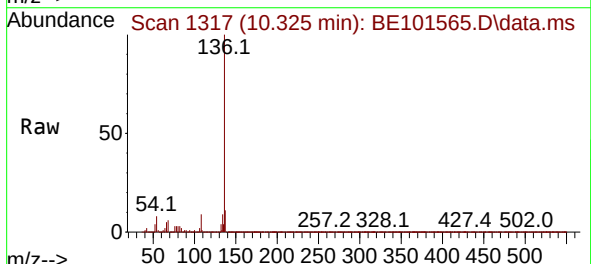
Instrument :
BNA_E
ClientSampleId :
PB164845BL

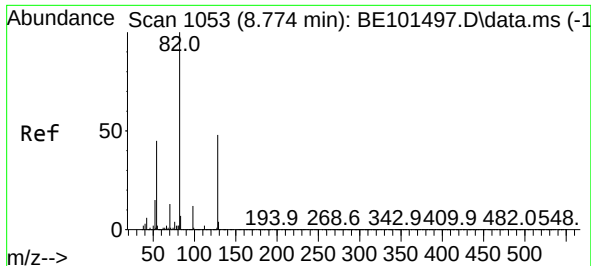
Tgt Ion: 99 Resp: 487008
Ion Ratio Lower Upper
99 100
42 16.7 12.5 18.7
71 31.1 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.325 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BE101565.D
Acq: 11 Nov 2024 10:55

Tgt Ion: 136 Resp: 227680
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.7 5.6 8.4
68 5.9 4.8 7.2

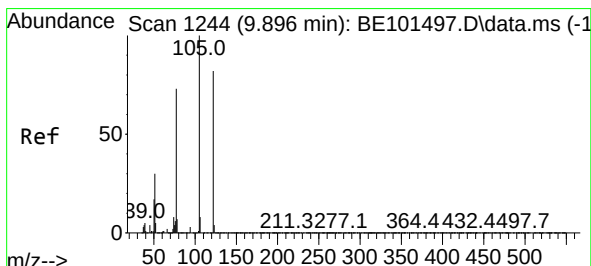
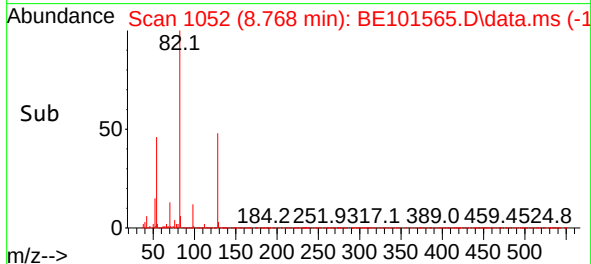
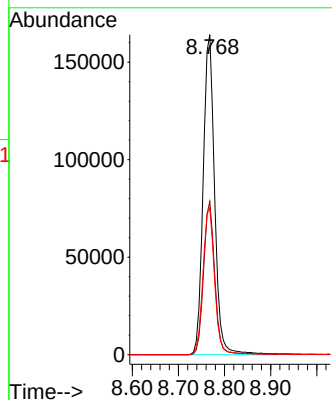
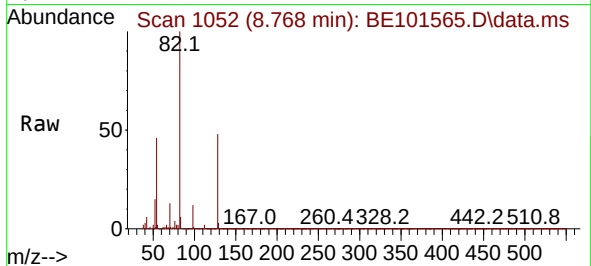




#23
Nitrobenzene-d5
Concen: 79.287 ng
RT: 8.768 min Scan# 110
Delta R.T. -0.006 min
Lab File: BE101565.D
Acq: 11 Nov 2024 10:55

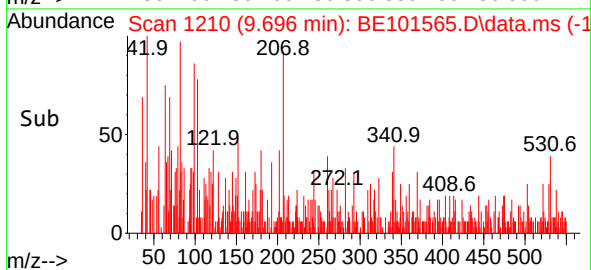
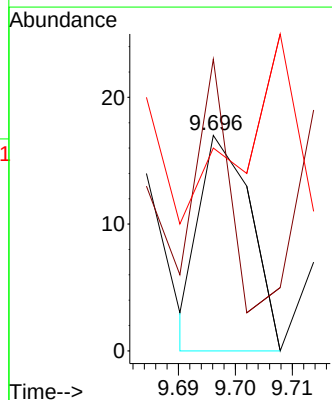
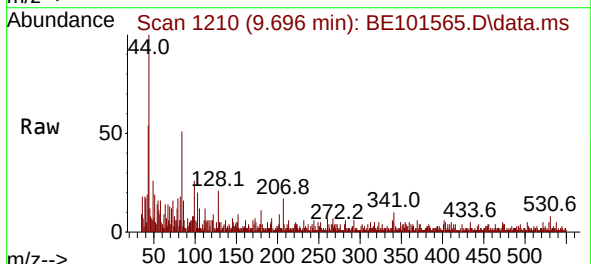
Instrument :
BNA_E
ClientSampleId :
PB164845BL

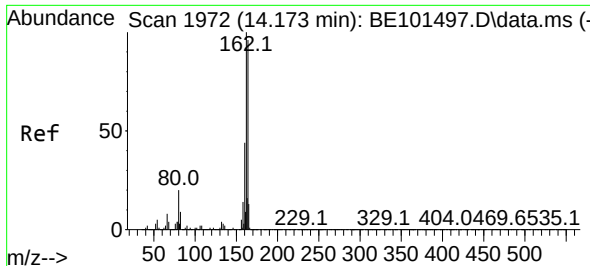
Tgt Ion: 82 Resp: 285793
Ion Ratio Lower Upper
82 100
128 47.9 38.6 58.0
54 45.9 36.3 54.5



#32
Benzoic acid
Concen: 6.838 ng
RT: 9.696 min Scan# 1210
Delta R.T. -0.200 min
Lab File: BE101565.D
Acq: 11 Nov 2024 10:55

Tgt Ion: 122 Resp: 11
Ion Ratio Lower Upper
122 100
105 135.3 100.6 140.6
77 94.1 68.6 108.6

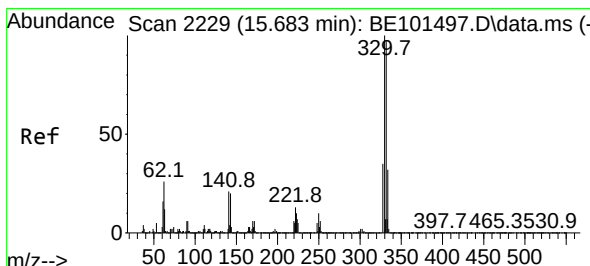
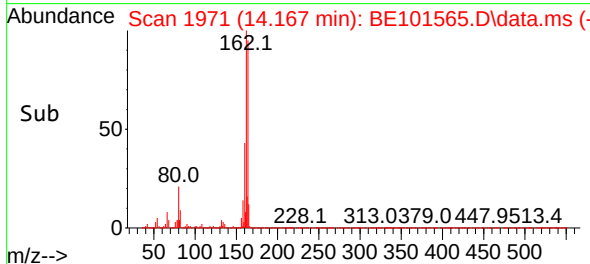
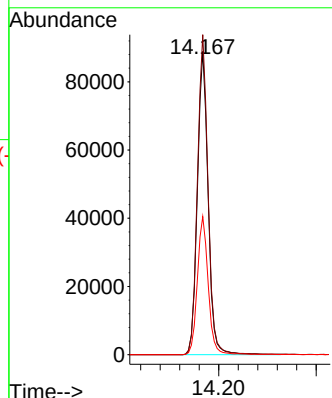
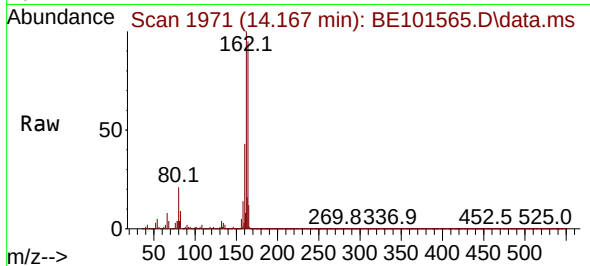




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.167 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BE101565.D
Acq: 11 Nov 2024 10:55

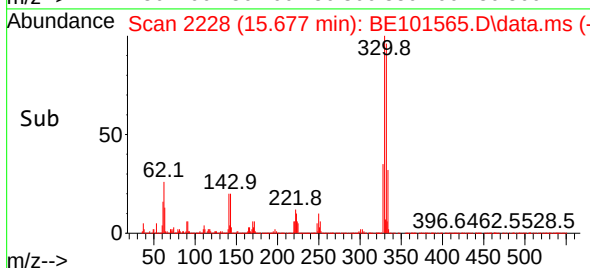
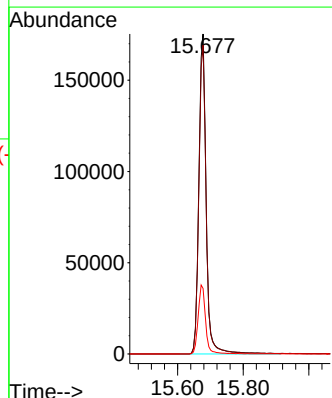
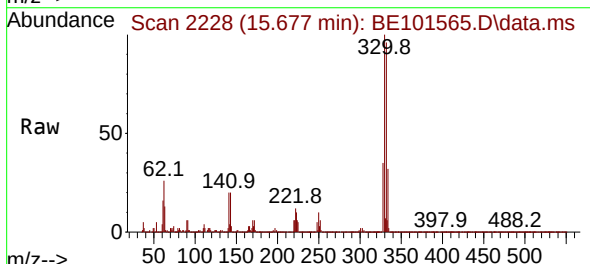
Instrument :
BNA_E
ClientSampleId :
PB164845BL

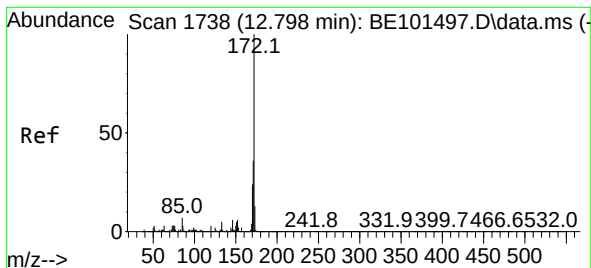
Tgt Ion:164 Resp: 136558
Ion Ratio Lower Upper
164 100
162 105.5 83.7 125.5
160 45.5 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 105.664 ng
RT: 15.677 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BE101565.D
Acq: 11 Nov 2024 10:55

Tgt Ion:330 Resp: 271514
Ion Ratio Lower Upper
330 100
332 96.3 77.7 116.5
141 21.9 17.0 25.4





#45

2-Fluorobiphenyl

Concen: 83.953 ng

RT: 12.787 min Scan# 1

Delta R.T. -0.012 min

Lab File: BE101565.D

Acq: 11 Nov 2024 10:55

Instrument :

BNA_E

ClientSampleId :

PB164845BL

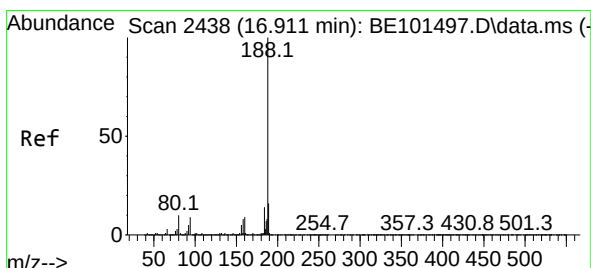
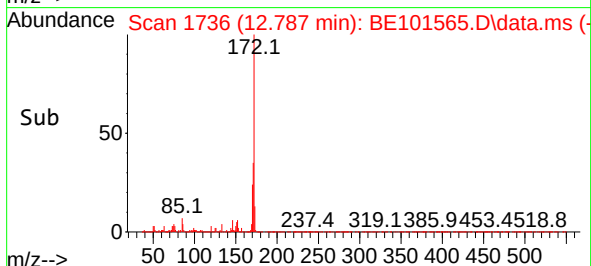
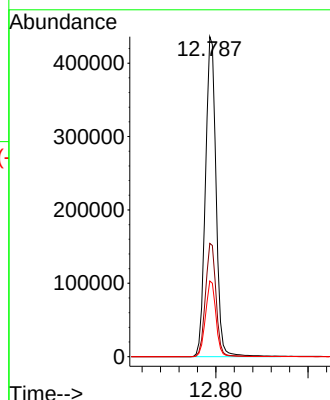
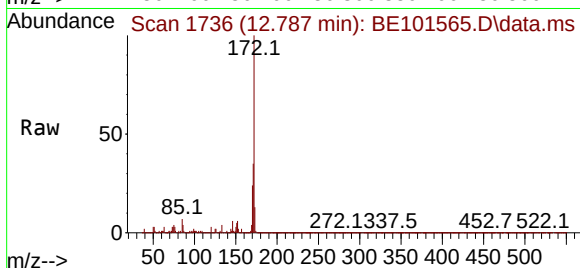
Tgt Ion:172 Resp: 702132

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.7 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.905 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BE101565.D

Acq: 11 Nov 2024 10:55

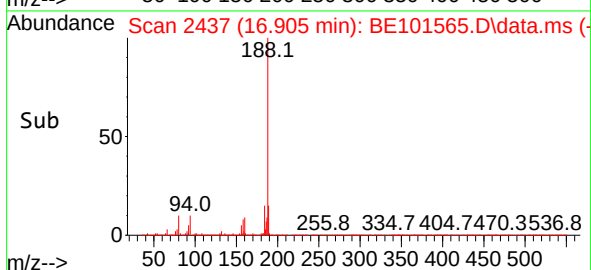
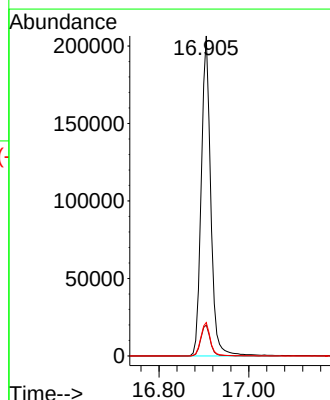
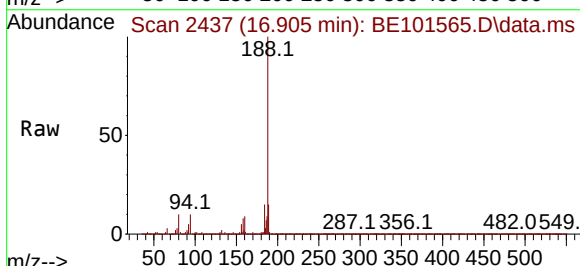
Tgt Ion:188 Resp: 302614

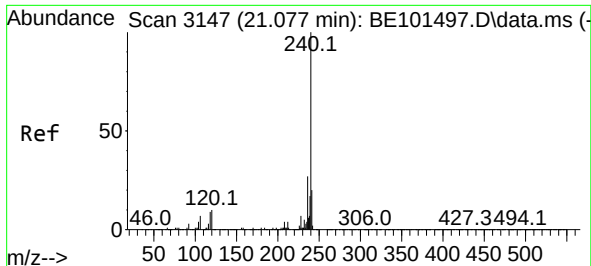
Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.2

80 10.5 8.0 12.0

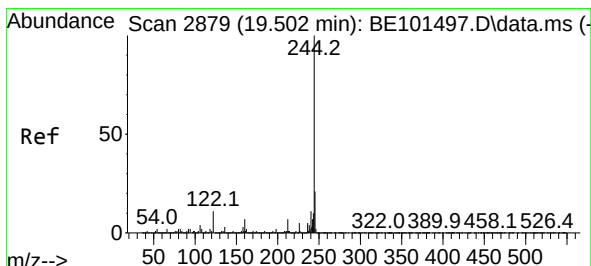
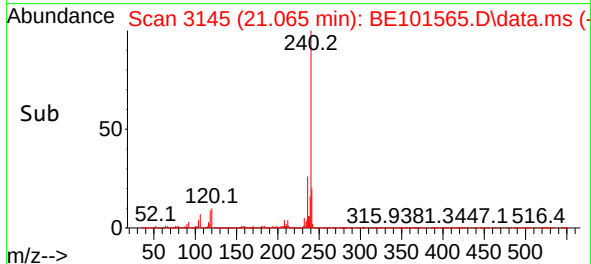
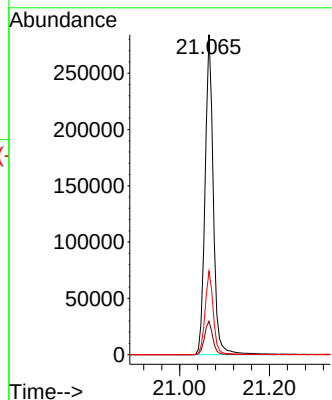
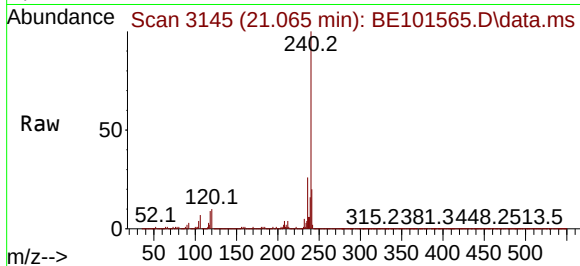




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.065 min Scan# 3147
Delta R.T. -0.012 min
Lab File: BE101565.D
Acq: 11 Nov 2024 10:55

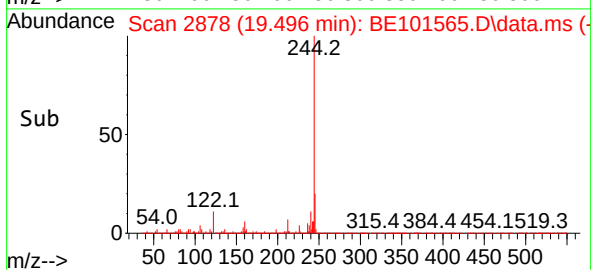
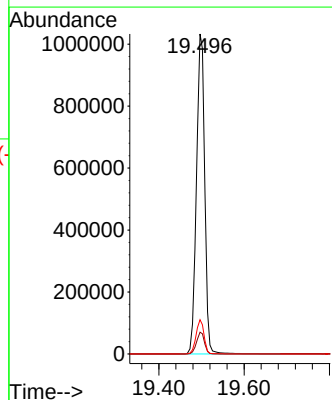
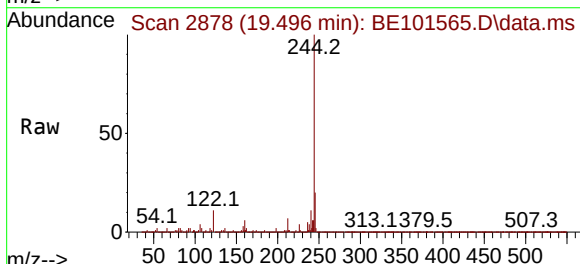
Instrument :
BNA_E
ClientSampleId :
PB164845BL

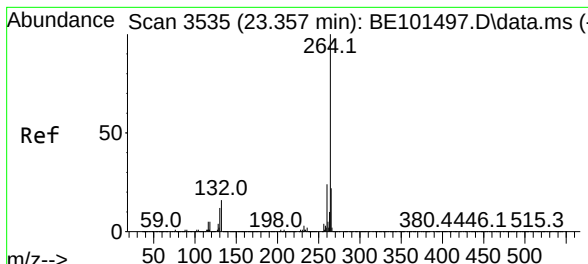
Tgt Ion:240 Resp: 361556
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.4
236 26.1 21.4 32.2



#79
Terphenyl-d14
Concen: 84.682 ng
RT: 19.496 min Scan# 2878
Delta R.T. -0.006 min
Lab File: BE101565.D
Acq: 11 Nov 2024 10:55

Tgt Ion:244 Resp: 1383175
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 10.7 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.351 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BE101565.D
 Acq: 11 Nov 2024 10:55

Instrument : BNA_E
 ClientSampleId : PB164845BL

Tgt Ion:264 Resp: 524875

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.3	17.4	26.2

