

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111124\
 Data File : BE101570.D
 Acq On : 11 Nov 2024 13:57
 Operator : RC/JU
 Sample : P4793-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M00-24-00345

Quant Time: Nov 11 13:35:35 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)

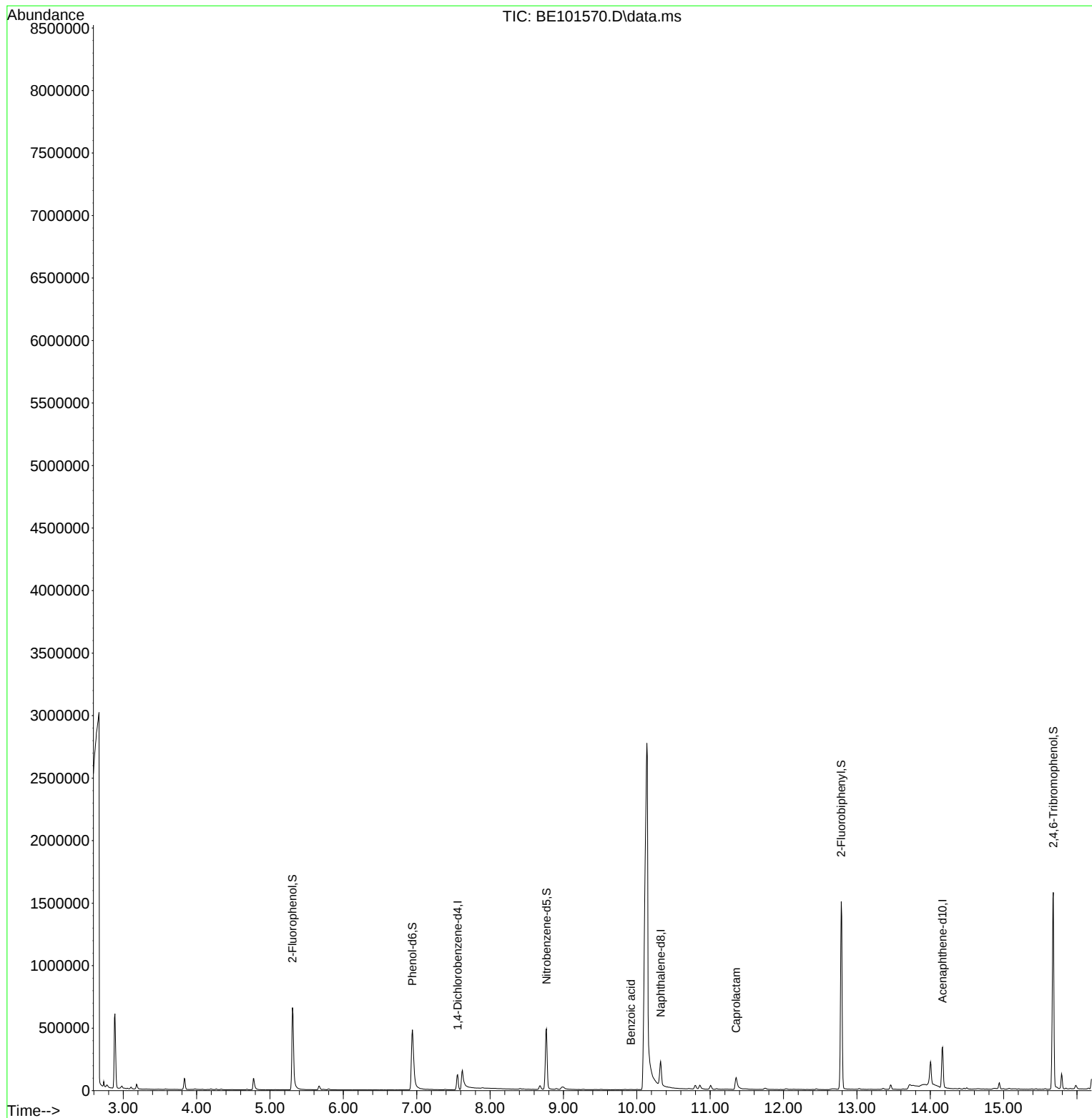
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	35270	20.000	ng	0.00
21) Naphthalene-d8	10.325	136	166554	20.000	ng	0.00
39) Acenaphthene-d10	14.167	164	117788	20.000	ng	0.00
64) Phenanthrene-d10	16.905	188	293304	20.000	ng	0.00
76) Chrysene-d12	21.065	240	330346	20.000	ng	-0.01
86) Perylene-d12	23.351	264	426782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.307	112	350177	175.553	ng	0.00
7) Phenol-d6	6.940	99	439022	160.526	ng	0.00
23) Nitrobenzene-d5	8.768	82	295608	112.108	ng	0.00
42) 2,4,6-Tribromophenol	15.677	330	396415	178.854	ng	0.00
45) 2-Fluorobiphenyl	12.787	172	798312	110.664	ng	-0.01
79) Terphenyl-d14	19.502	244	1855088	124.305	ng	0.00
Target Compounds						
32) Benzoic acid	9.919	122	482	7.096	ng	86
35) Caprolactam	11.353	113	24208	27.498	ng	95

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

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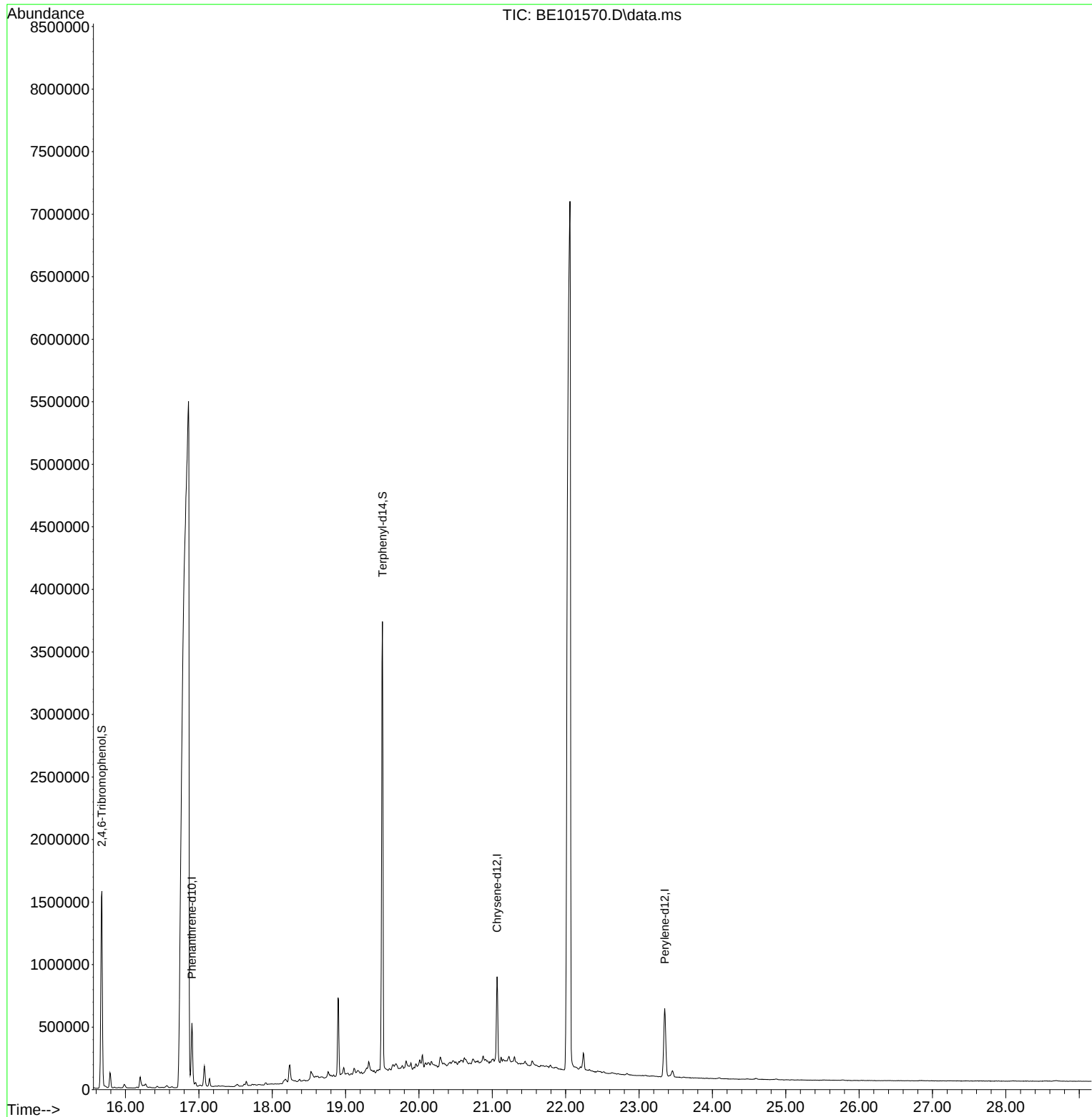
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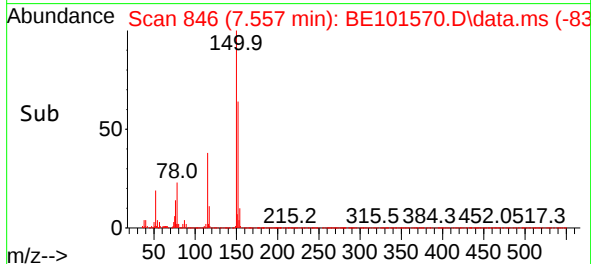
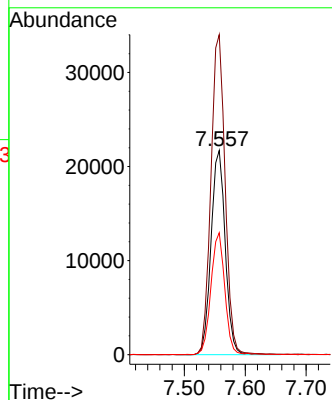
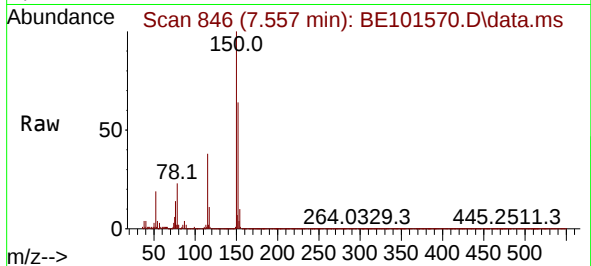




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.557 min Scan# 84
Delta R.T. -0.006 min
Lab File: BE101570.D
Acq: 11 Nov 2024 13:57

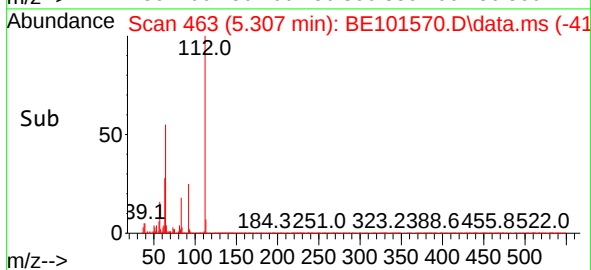
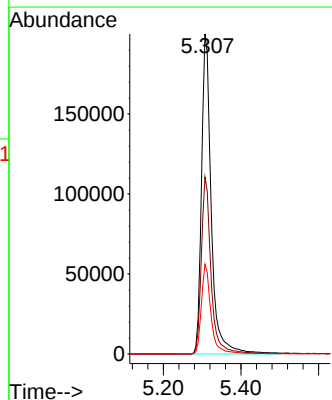
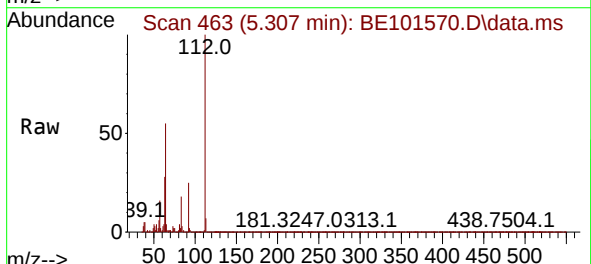
Instrument :
BNA_E
ClientSampleId :
M00-24-00345

Tgt Ion:152 Resp: 35270
Ion Ratio Lower Upper
152 100
150 156.8 126.3 189.5
115 59.7 45.0 67.4



#5
2-Fluorophenol
Concen: 175.553 ng
RT: 5.307 min Scan# 463
Delta R.T. -0.006 min
Lab File: BE101570.D
Acq: 11 Nov 2024 13:57

Tgt Ion:112 Resp: 350177
Ion Ratio Lower Upper
112 100
64 55.3 43.2 64.8
63 28.0 21.8 32.6

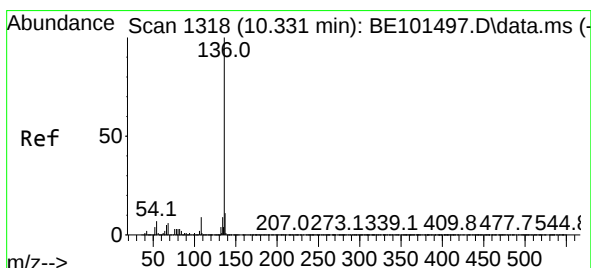
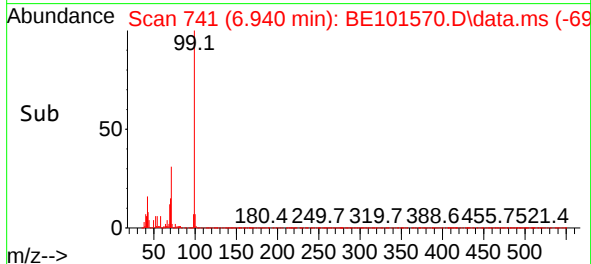
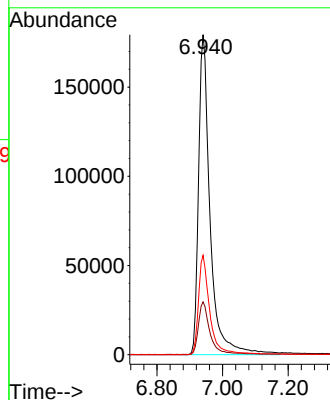
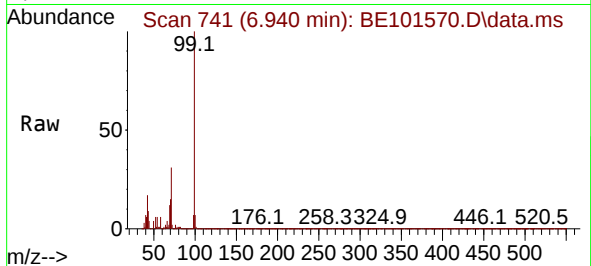




#7
Phenol-d6
Concen: 160.526 ng
RT: 6.940 min Scan# 741
Delta R.T. -0.006 min
Lab File: BE101570.D
Acq: 11 Nov 2024 13:57

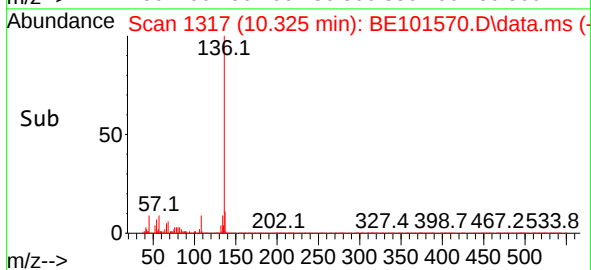
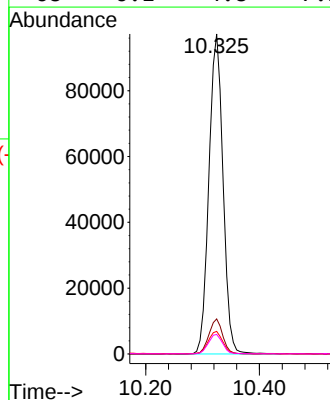
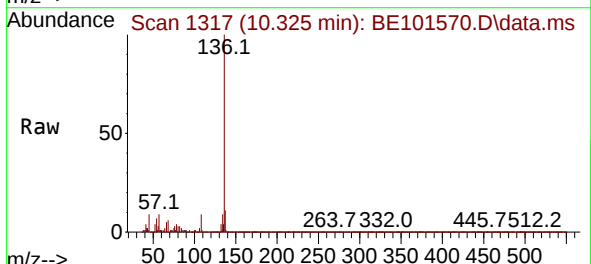
Instrument :
BNA_E
ClientSampleId :
M00-24-00345

Tgt Ion: 99 Resp: 439022
Ion Ratio Lower Upper
99 100
42 16.5 12.5 18.7
71 31.0 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: BE101570.D
Acq: 11 Nov 2024 13:57

Tgt Ion: 136 Resp: 166554
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.1 5.6 8.4
68 6.1 4.8 7.2

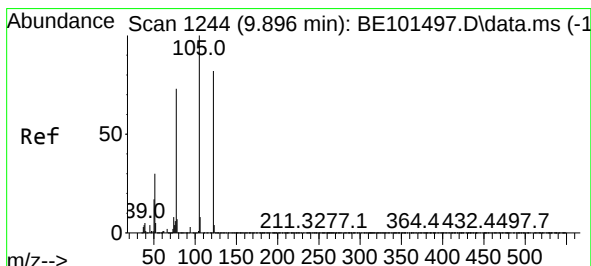
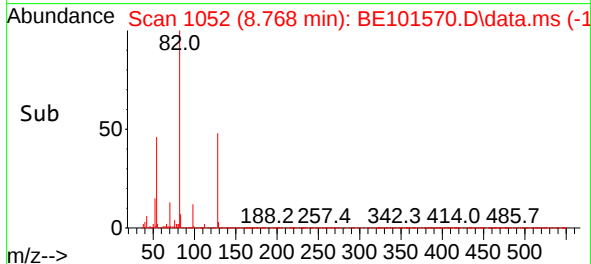
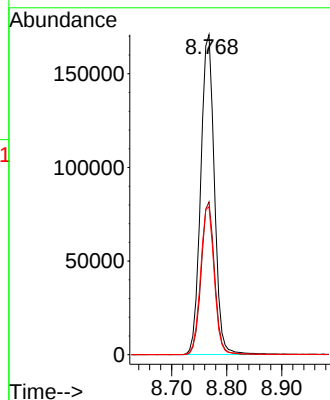
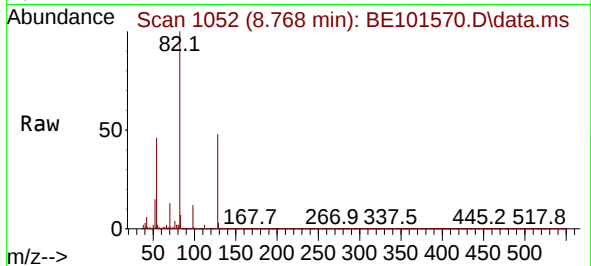




#23
Nitrobenzene-d5
Concen: 112.108 ng
RT: 8.768 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BE101570.D
Acq: 11 Nov 2024 13:57

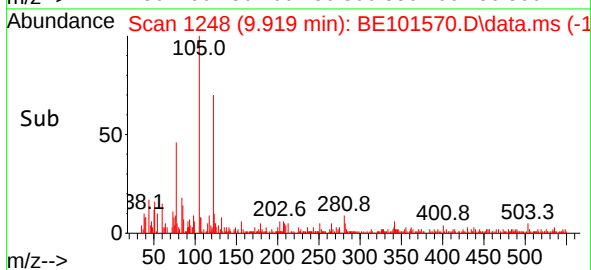
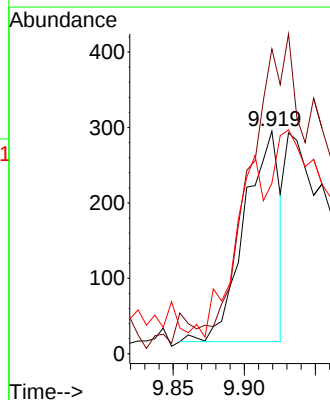
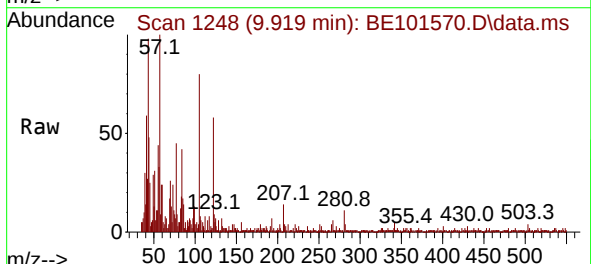
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ClientSampleId :
M00-24-00345

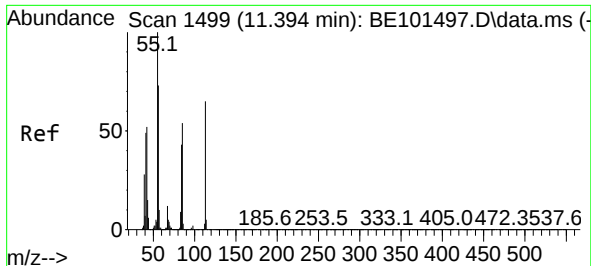
Tgt Ion: 82 Resp: 295608
Ion Ratio Lower Upper
82 100
128 47.8 38.6 58.0
54 46.2 36.3 54.5



#32
Benzoic acid
Concen: 7.096 ng
RT: 9.919 min Scan# 1248
Delta R.T. 0.023 min
Lab File: BE101570.D
Acq: 11 Nov 2024 13:57

Tgt Ion: 122 Resp: 482
Ion Ratio Lower Upper
122 100
105 136.9 100.6 140.6
77 76.6 68.6 108.6

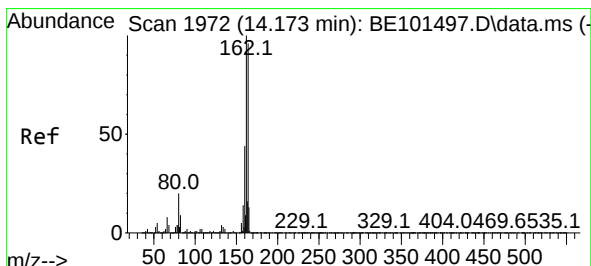
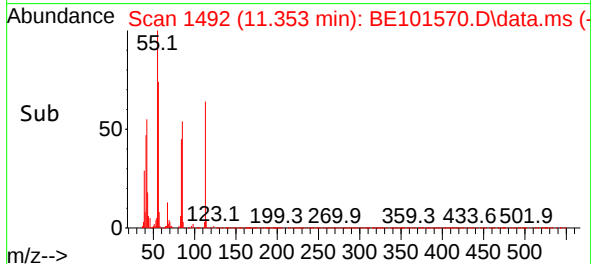
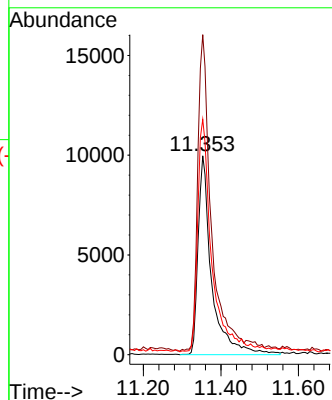
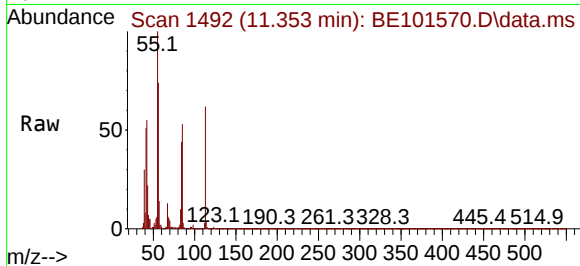




#35
Caprolactam
Concen: 27.498 ng
RT: 11.353 min Scan# 1499
Delta R.T. -0.041 min
Lab File: BE101570.D
Acq: 11 Nov 2024 13:57

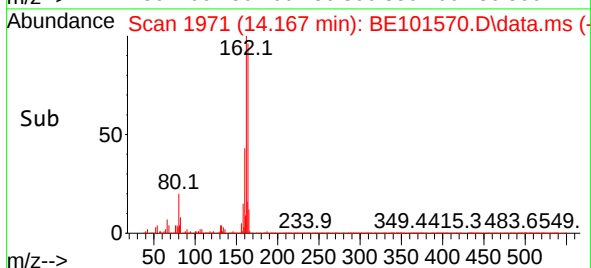
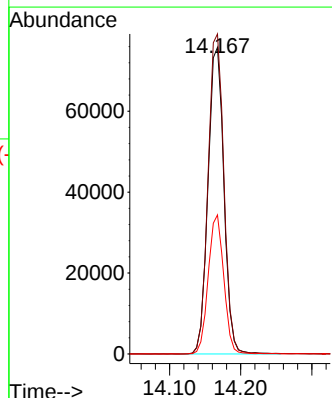
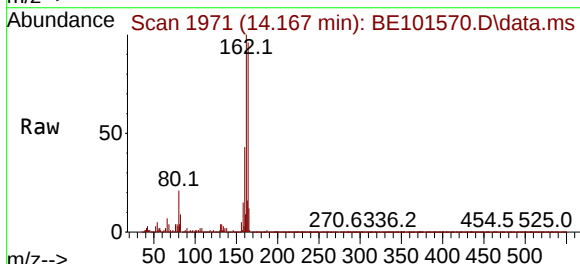
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ClientSampleId :
M00-24-00345

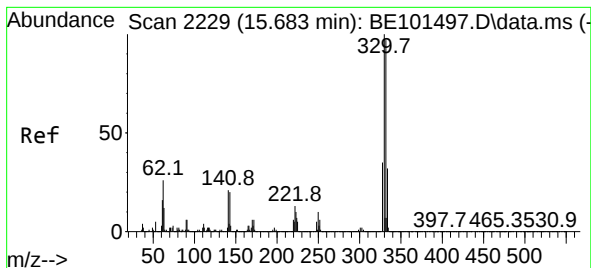
Tgt Ion:113 Resp: 24208
Ion Ratio Lower Upper
113 100
55 160.9 134.3 174.3
56 118.3 92.6 132.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.167 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BE101570.D
Acq: 11 Nov 2024 13:57

Tgt Ion:164 Resp: 117788
Ion Ratio Lower Upper
164 100
162 104.4 83.7 125.5
160 45.4 37.1 55.7

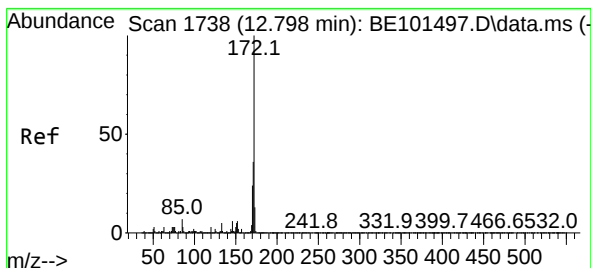
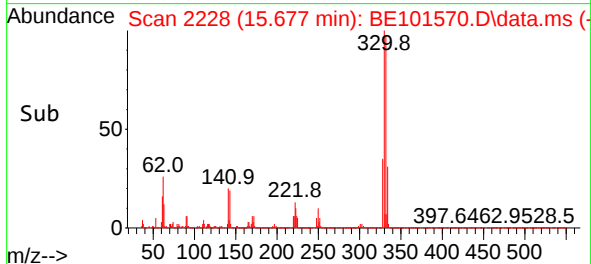
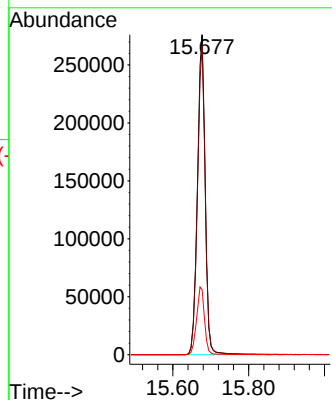
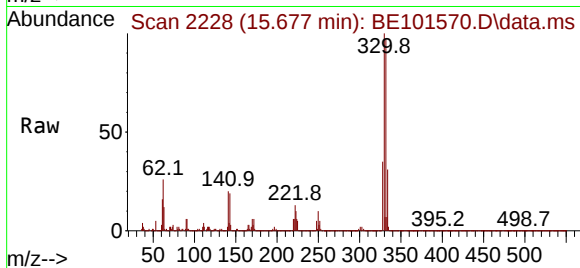




#42
2,4,6-Tribromophenol
Concen: 178.854 ng
RT: 15.677 min Scan# 21
Delta R.T. -0.006 min
Lab File: BE101570.D
Acq: 11 Nov 2024 13:57

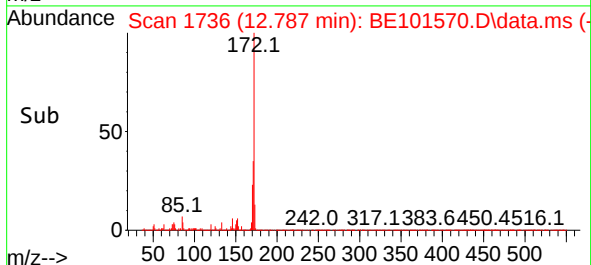
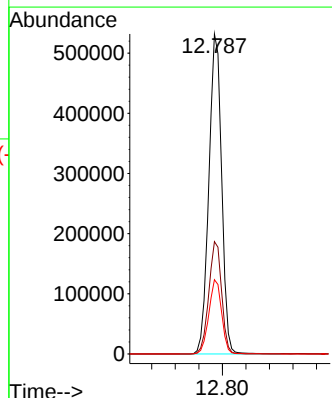
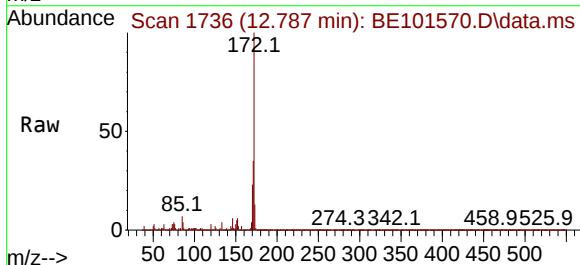
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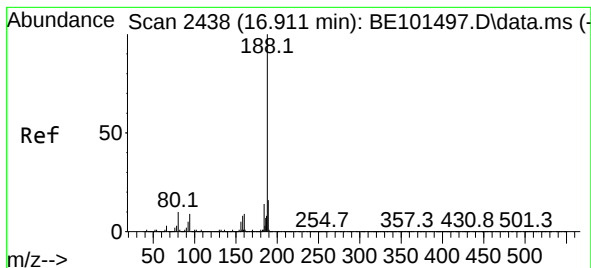
Tgt Ion:330 Resp: 396415
Ion Ratio Lower Upper
330 100
332 96.4 77.7 116.5
141 21.6 17.0 25.4



#45
2-Fluorobiphenyl
Concen: 110.664 ng
RT: 12.787 min Scan# 1736
Delta R.T. -0.012 min
Lab File: BE101570.D
Acq: 11 Nov 2024 13:57

Tgt Ion:172 Resp: 798312
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.2 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.905 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BE101570.D

Acq: 11 Nov 2024 13:57

Instrument :

BNA_E

ClientSampleId :

M00-24-00345

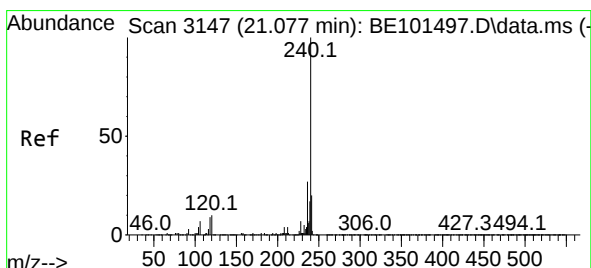
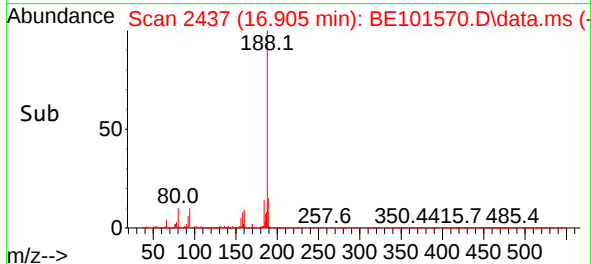
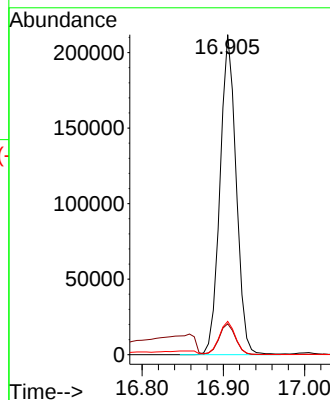
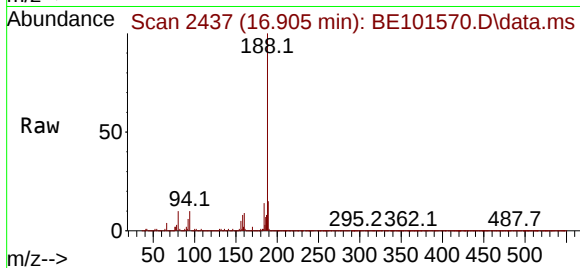
Tgt Ion:188 Resp: 293304

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.2

80 10.4 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.065 min Scan# 3145

Delta R.T. -0.012 min

Lab File: BE101570.D

Acq: 11 Nov 2024 13:57

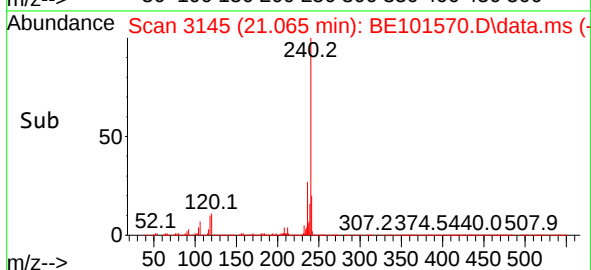
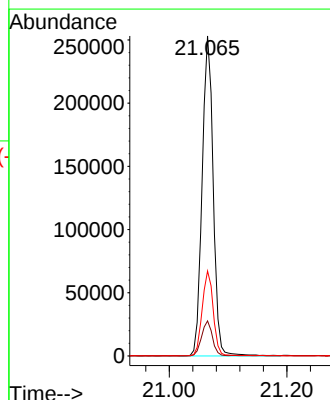
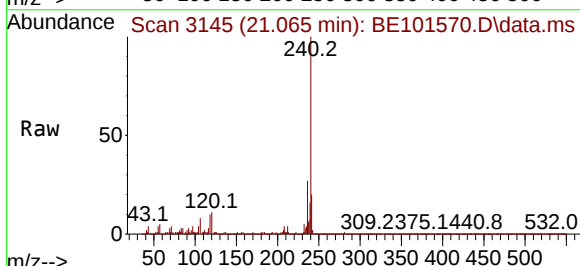
Tgt Ion:240 Resp: 330346

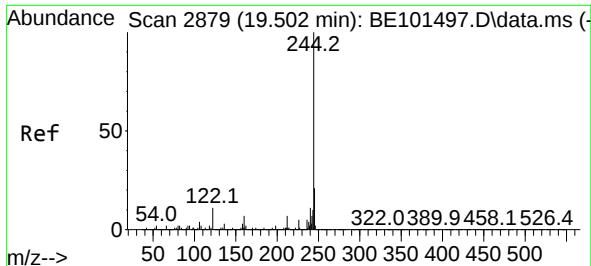
Ion Ratio Lower Upper

240 100

120 11.0 8.2 12.4

236 26.6 21.4 32.2

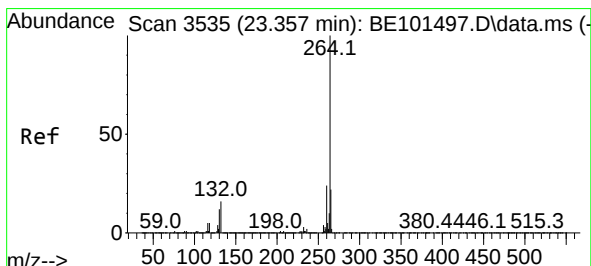
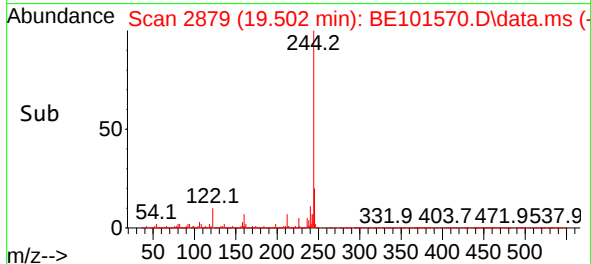
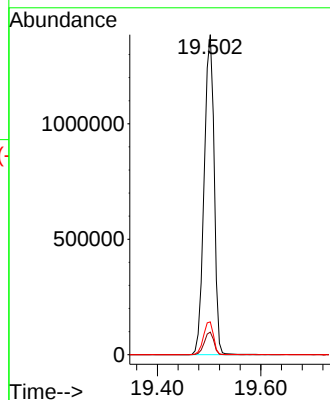
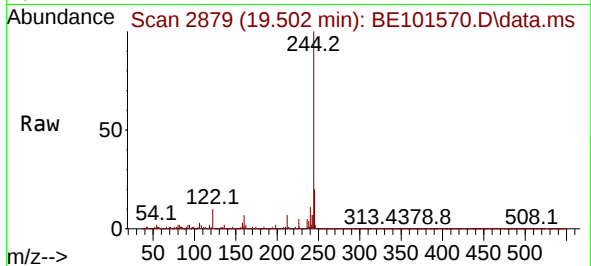




#79
 Terphenyl-d14
 Concen: 124.305 ng
 RT: 19.502 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BE101570.D
 Acq: 11 Nov 2024 13:57

Instrument :
 BNA_E
 ClientSampleId :
 M00-24-00345

Tgt Ion:244 Resp: 1855088
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.2 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.351 min Scan# 3534
 Delta R.T. -0.006 min
 Lab File: BE101570.D
 Acq: 11 Nov 2024 13:57

Tgt Ion:264 Resp: 426782
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.6 17.4 26.2

