

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111324\
 Data File : BE101594.D
 Acq On : 13 Nov 2024 14:18
 Operator : RC/JU
 Sample : PB164886TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB164886TB

Quant Time: Nov 13 15:19:59 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)

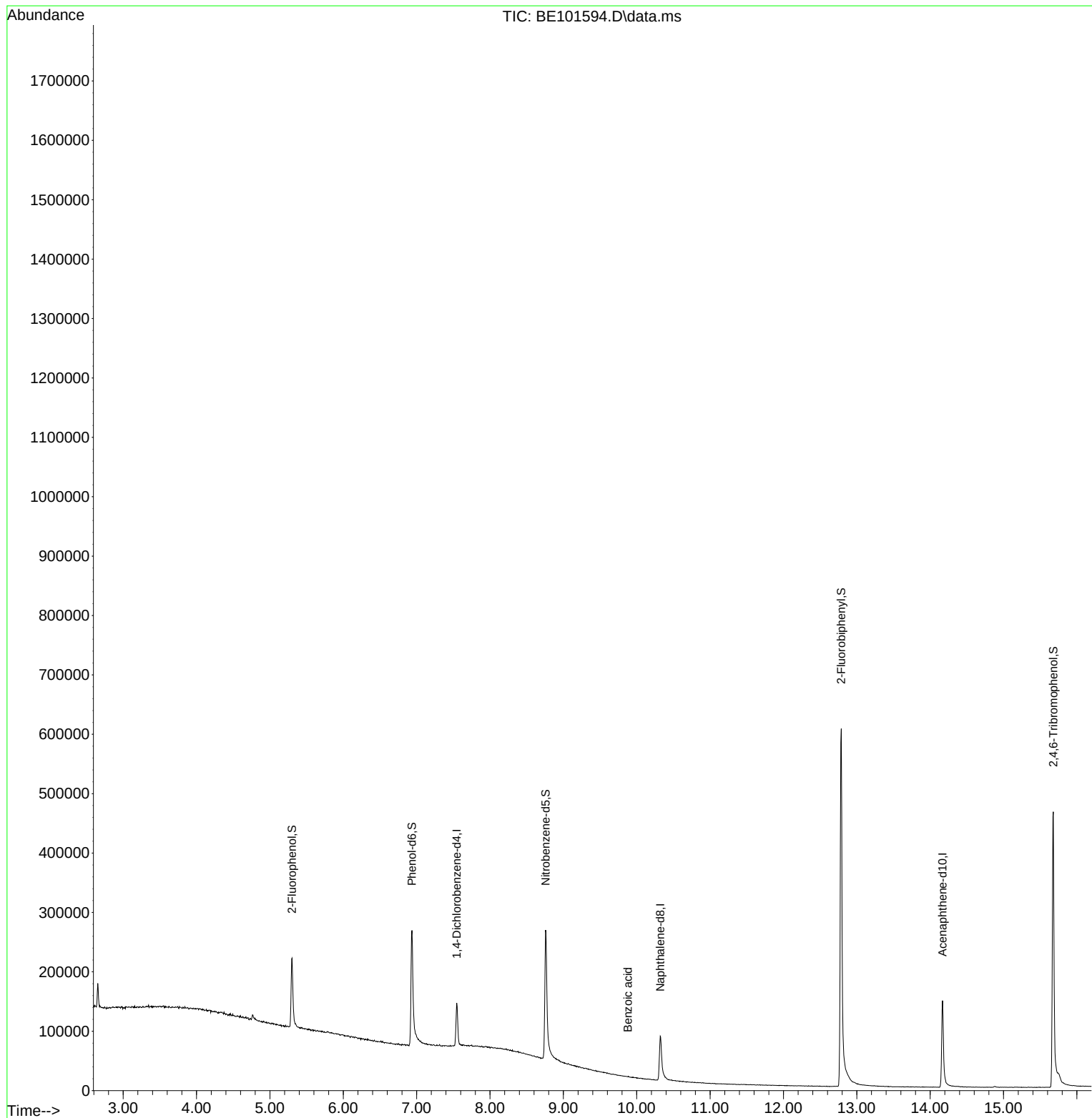
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	24490	20.000	ng	-0.02
21) Naphthalene-d8	10.320	136	91803	20.000	ng	#-0.01
39) Acenaphthene-d10	14.168	164	60942	20.000	ng	0.00
64) Phenanthrene-d10	16.912	188	150693	20.000	ng	0.00
76) Chrysene-d12	21.084	240	189992	20.000	ng	0.00
86) Perylene-d12	23.364	264	287050	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	66535	48.038	ng	-0.01
7) Phenol-d6	6.936	99	186476	98.197	ng	-0.01
23) Nitrobenzene-d5	8.757	82	182465	125.545	ng	-0.02
42) 2,4,6-Tribromophenol	15.678	330	130671	113.950	ng	0.00
45) 2-Fluorobiphenyl	12.788	172	409704	109.771	ng	-0.01
79) Terphenyl-d14	19.503	244	980212	114.203	ng	0.00
Target Compounds						
32) Benzoic acid	9.879	122	24	6.857	ng	Qvalue # 46

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

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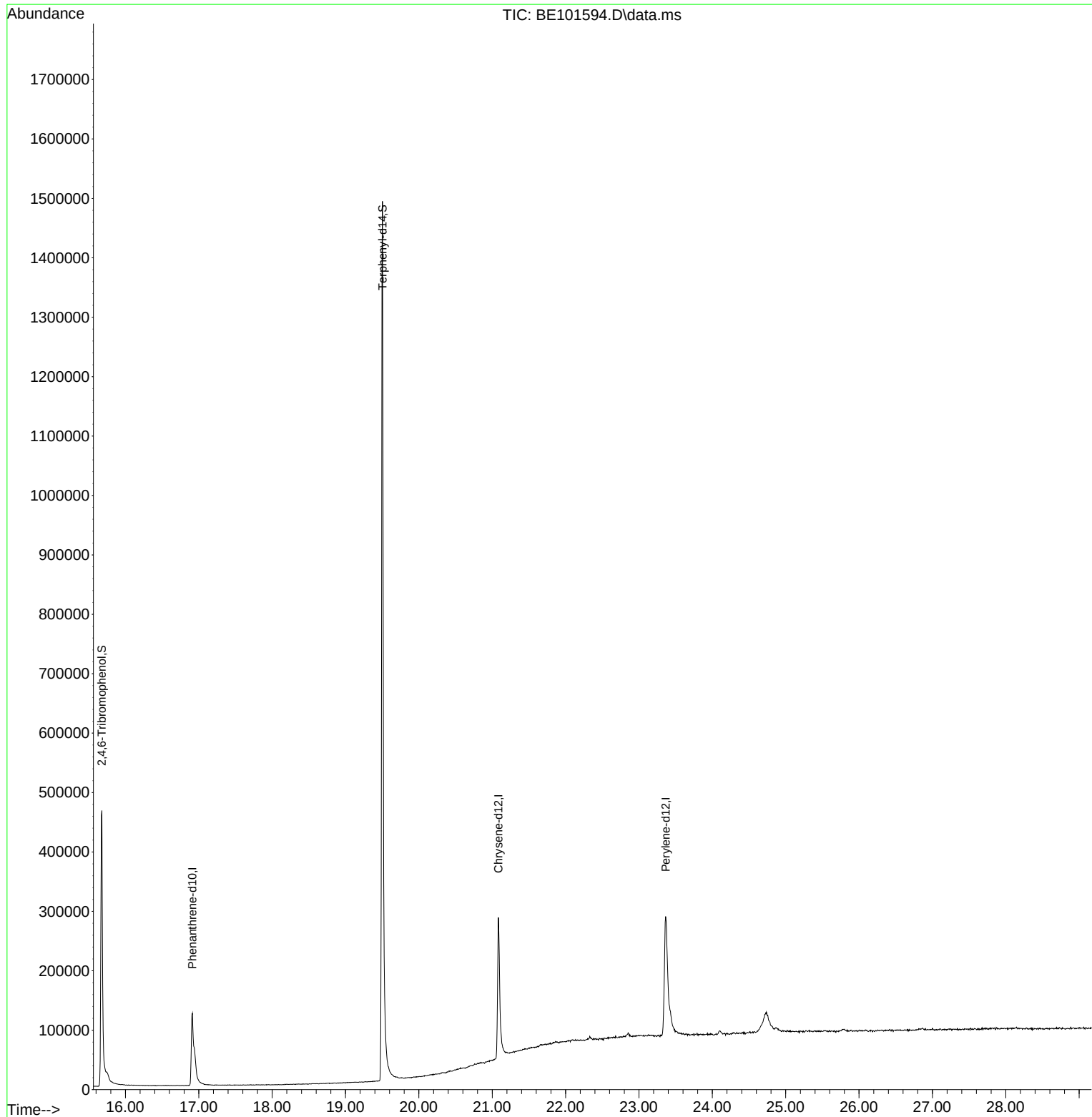
Quant Time: Nov 13 15:19:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
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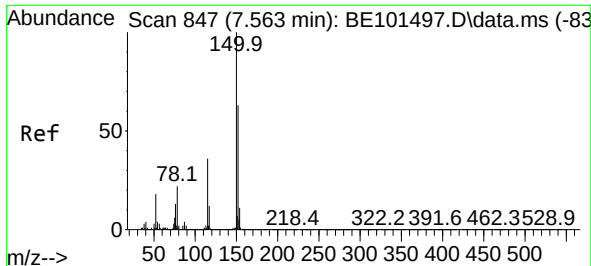


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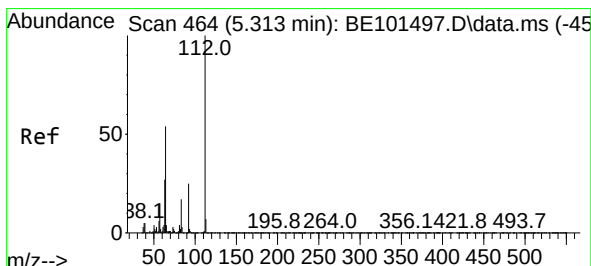
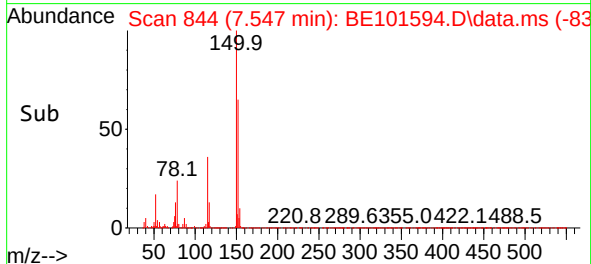
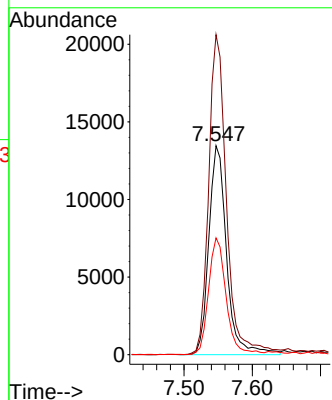
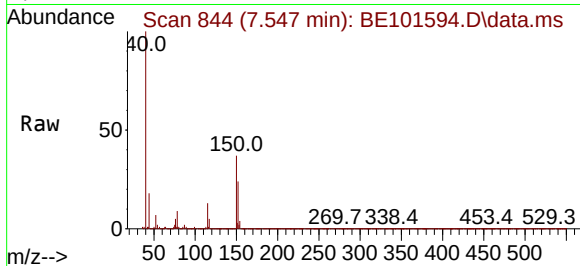




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.547 min Scan# 84
Delta R.T. -0.016 min
Lab File: BE101594.D
Acq: 13 Nov 2024 14:18

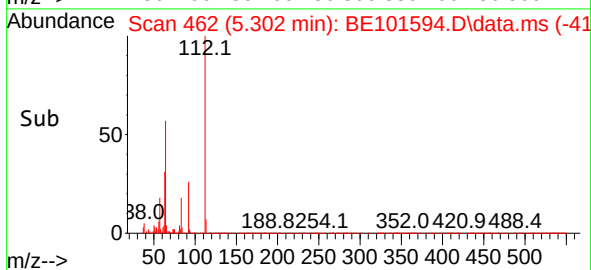
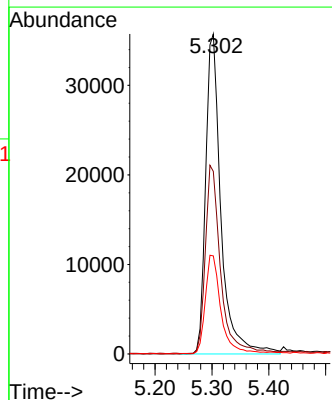
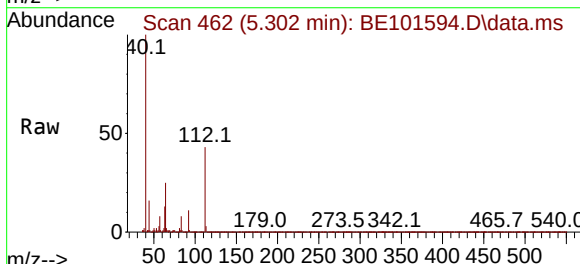
Instrument :
BNA_E
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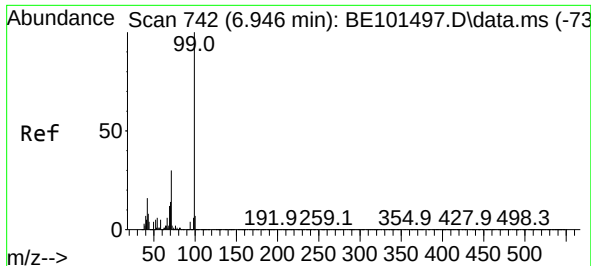
Tgt Ion:152 Resp: 24490
Ion Ratio Lower Upper
152 100
150 153.1 126.3 189.5
115 55.9 45.0 67.4



#5
2-Fluorophenol
Concen: 48.038 ng
RT: 5.302 min Scan# 462
Delta R.T. -0.011 min
Lab File: BE101594.D
Acq: 13 Nov 2024 14:18

Tgt Ion:112 Resp: 66535
Ion Ratio Lower Upper
112 100
64 57.1 43.2 64.8
63 30.7 21.8 32.6

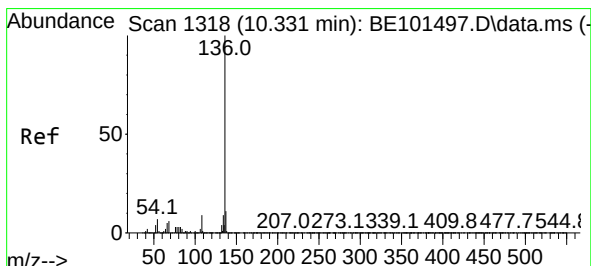
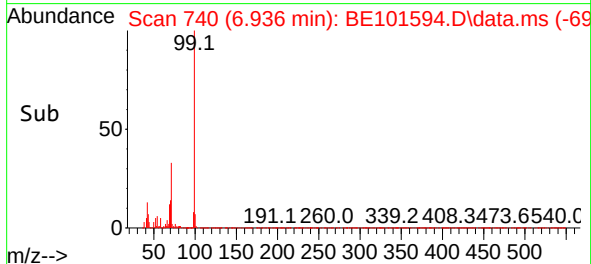
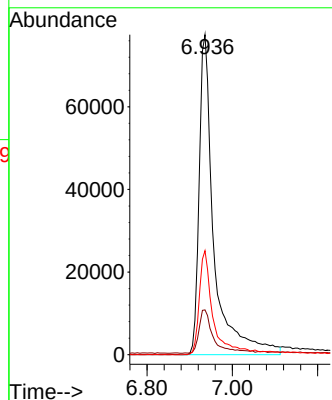
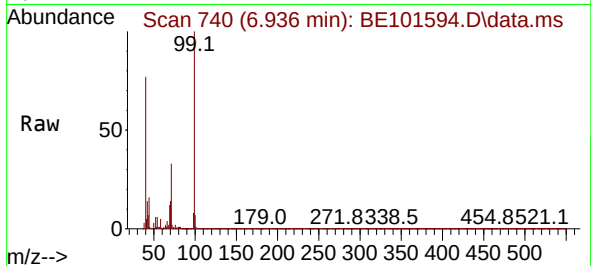




#7
Phenol-d6
Concen: 98.197 ng
RT: 6.936 min Scan# 742
Delta R.T. -0.011 min
Lab File: BE101594.D
Acq: 13 Nov 2024 14:18

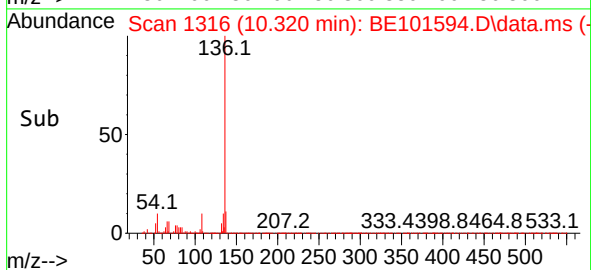
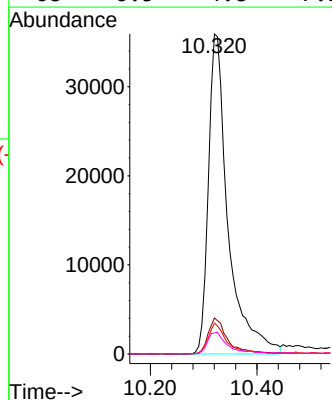
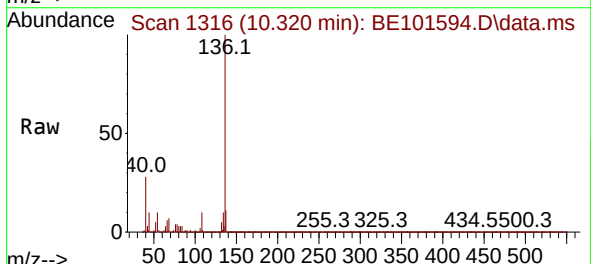
Instrument :
BNA_E
ClientSampleId :
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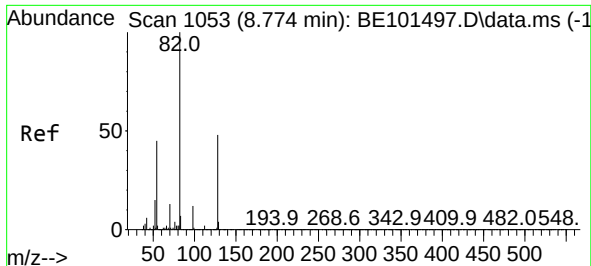
Tgt Ion: 99 Resp: 186476
Ion Ratio Lower Upper
99 100
42 14.0 12.5 18.7
71 32.5 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.320 min Scan# 1316
Delta R.T. -0.011 min
Lab File: BE101594.D
Acq: 13 Nov 2024 14:18

Tgt Ion: 136 Resp: 91803
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.7 5.6 8.4#
68 6.5 4.8 7.2

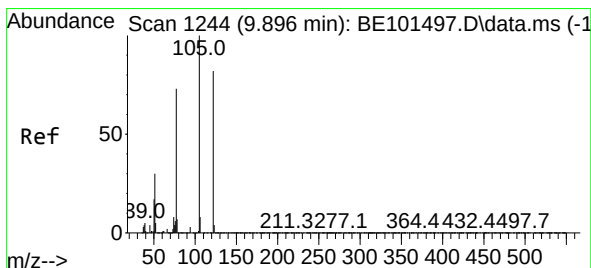
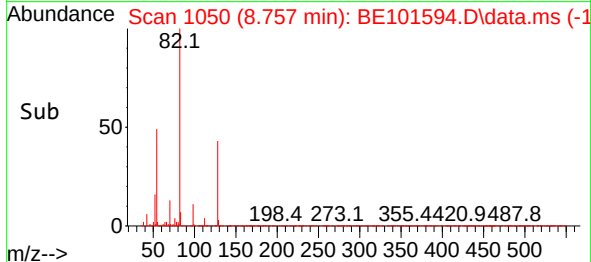
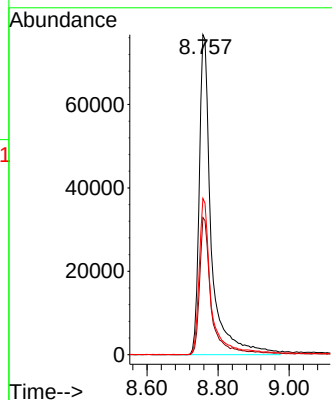
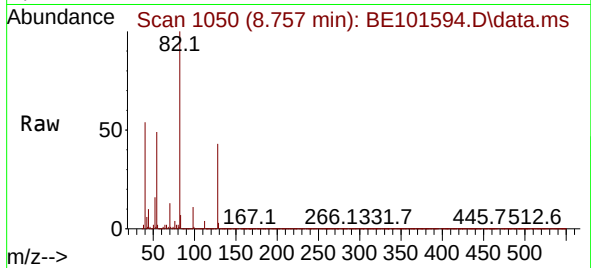




#23
Nitrobenzene-d5
Concen: 125.545 ng
RT: 8.757 min Scan# 1050
Delta R.T. -0.016 min
Lab File: BE101594.D
Acq: 13 Nov 2024 14:18

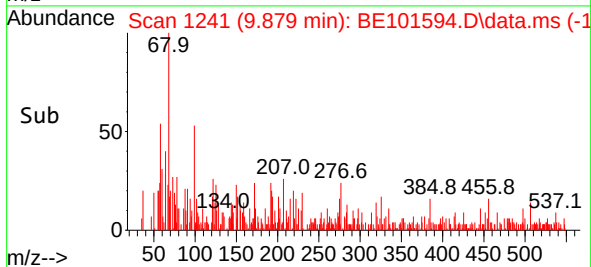
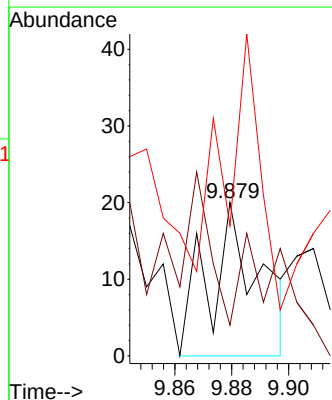
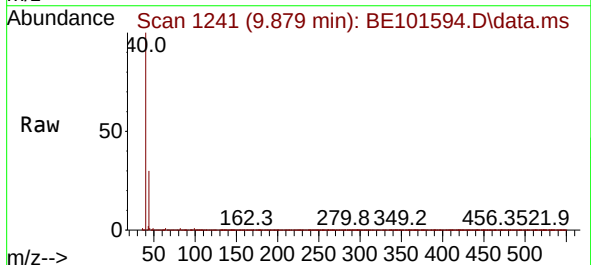
Instrument :
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ClientSampleId :
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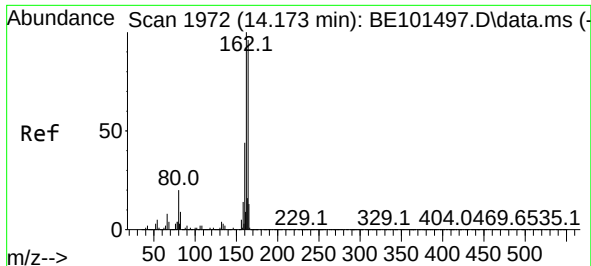
Tgt Ion: 82 Resp: 182465
Ion Ratio Lower Upper
82 100
128 42.9 38.6 58.0
54 48.8 36.3 54.5



#32
Benzoic acid
Concen: 6.857 ng
RT: 9.879 min Scan# 1241
Delta R.T. -0.017 min
Lab File: BE101594.D
Acq: 13 Nov 2024 14:18

Tgt Ion: 122 Resp: 24
Ion Ratio Lower Upper
122 100
105 20.0 100.6 140.6#
77 85.0 68.6 108.6

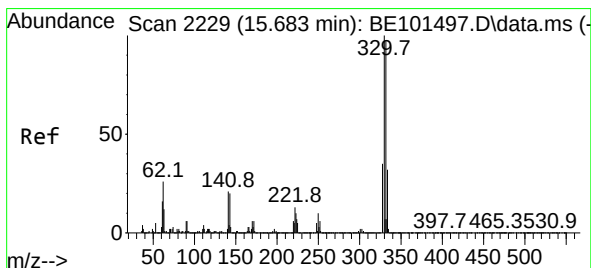
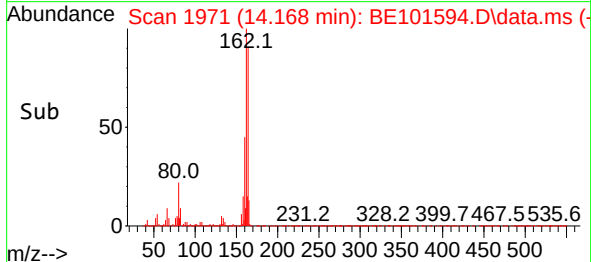
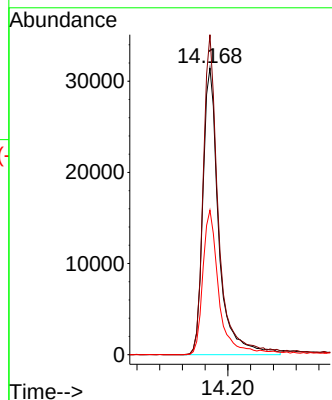
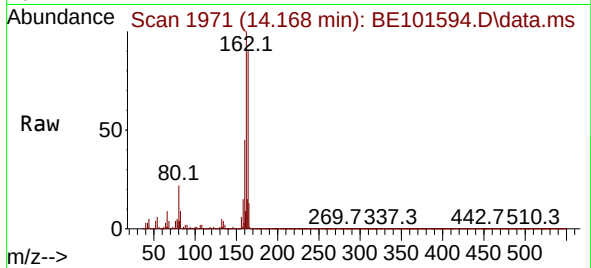




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.168 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BE101594.D
Acq: 13 Nov 2024 14:18

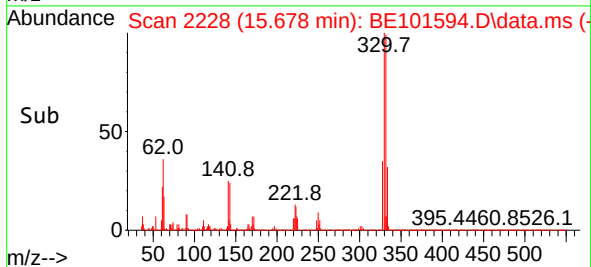
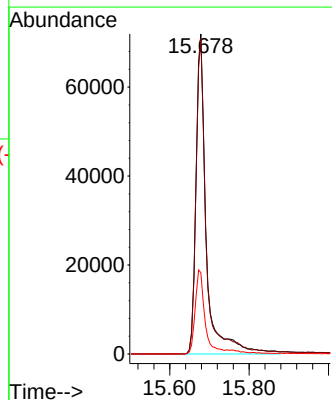
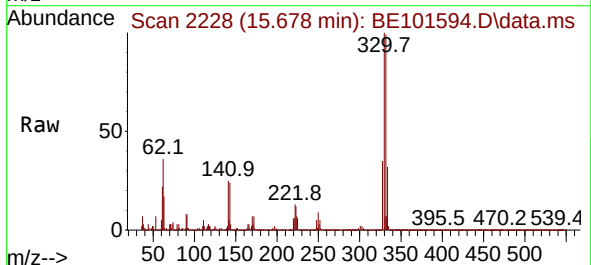
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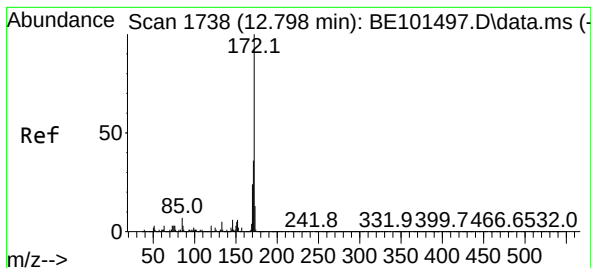
Tgt Ion:164 Resp: 60942
Ion Ratio Lower Upper
164 100
162 111.7 83.7 125.5
160 50.4 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 113.950 ng
RT: 15.678 min Scan# 2228
Delta R.T. -0.005 min
Lab File: BE101594.D
Acq: 13 Nov 2024 14:18

Tgt Ion:330 Resp: 130671
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 24.5 17.0 25.4

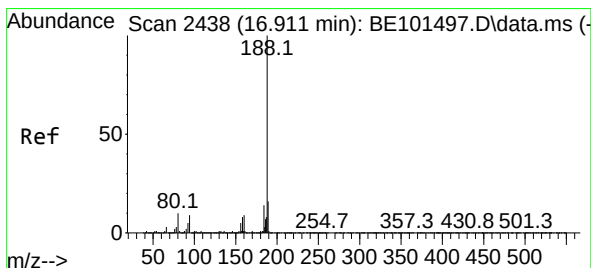
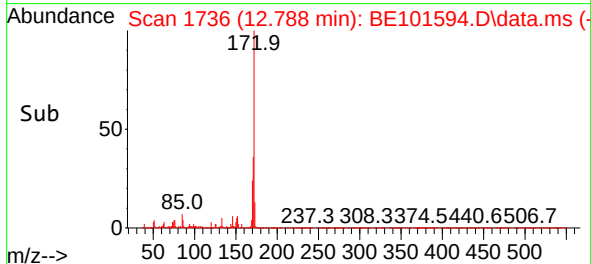
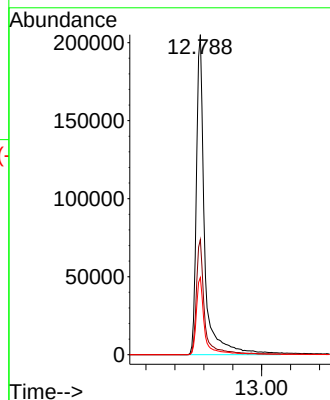
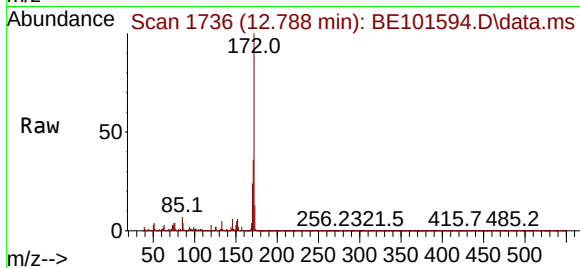




#45
2-Fluorobiphenyl
Concen: 109.771 ng
RT: 12.788 min Scan# 1736
Delta R.T. -0.011 min
Lab File: BE101594.D
Acq: 13 Nov 2024 14:18

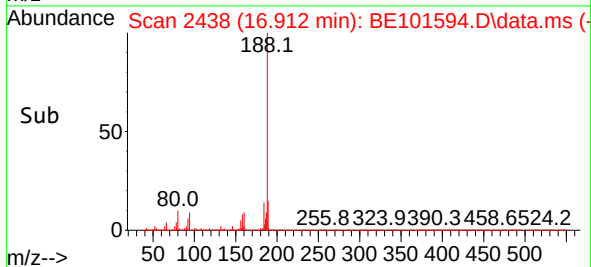
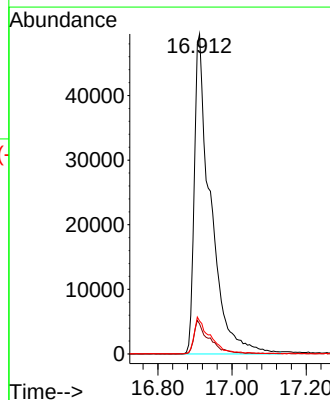
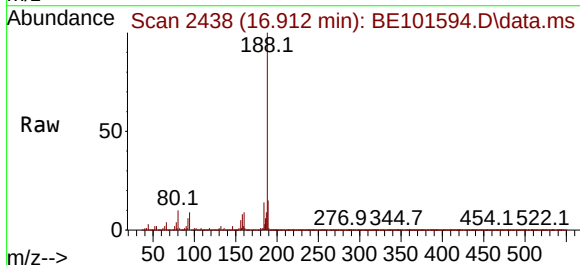
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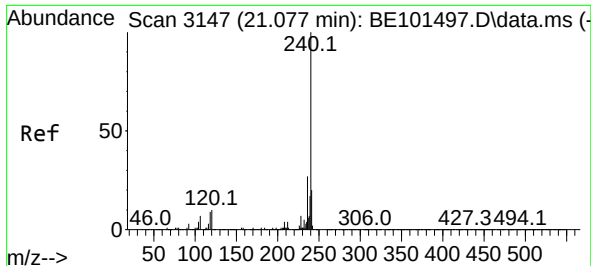
Tgt Ion:172 Resp: 409704
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.1 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.912 min Scan# 2438
Delta R.T. 0.001 min
Lab File: BE101594.D
Acq: 13 Nov 2024 14:18

Tgt Ion:188 Resp: 150693
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.3 8.0 12.0

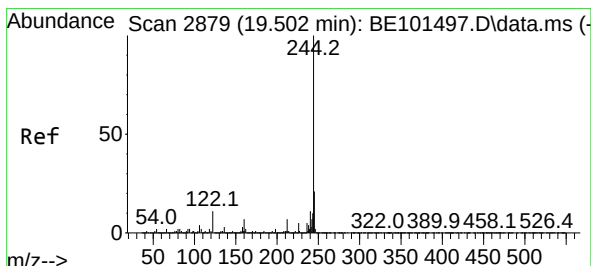
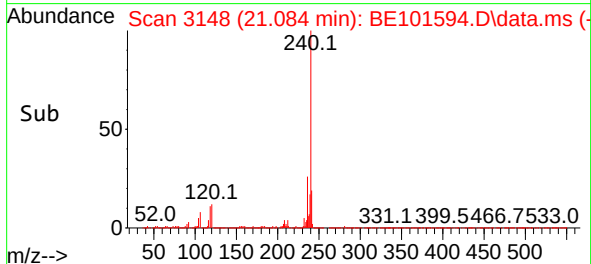
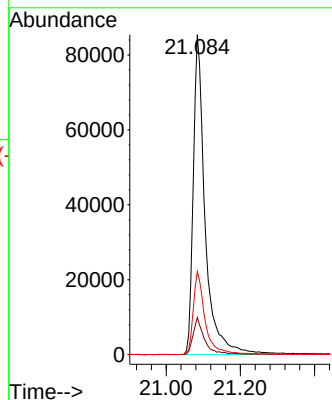
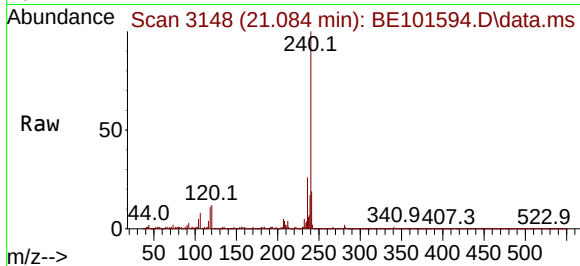




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.084 min Scan# 3147
Delta R.T. 0.007 min
Lab File: BE101594.D
Acq: 13 Nov 2024 14:18

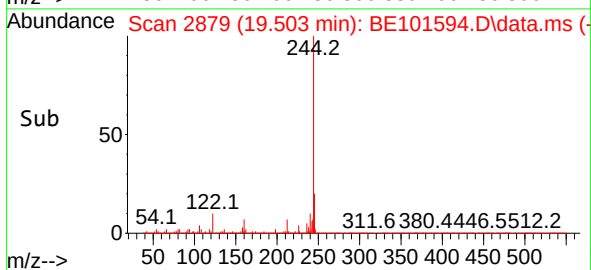
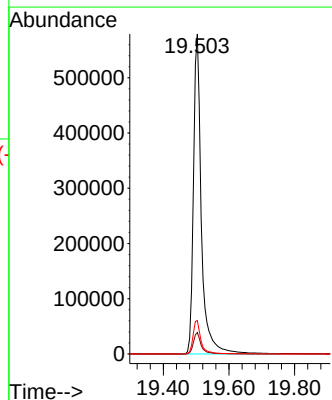
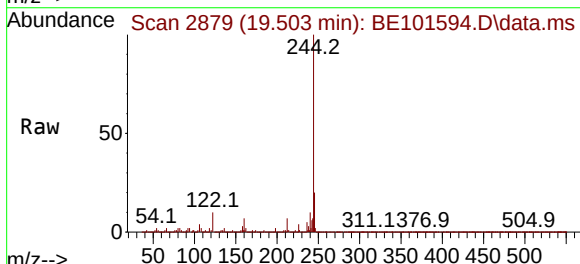
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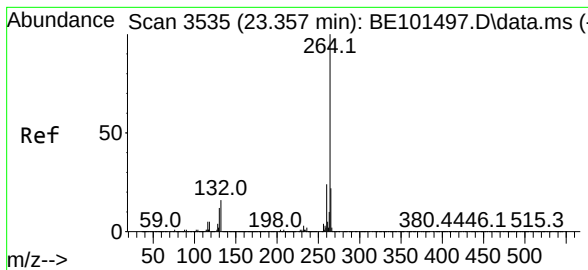
Tgt Ion:240 Resp: 189992
Ion Ratio Lower Upper
240 100
120 11.6 8.2 12.4
236 26.0 21.4 32.2



#79
Terphenyl-d14
Concen: 114.203 ng
RT: 19.503 min Scan# 2879
Delta R.T. 0.001 min
Lab File: BE101594.D
Acq: 13 Nov 2024 14:18

Tgt Ion:244 Resp: 980212
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.8
122 10.4 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.364 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: BE101594.D
 Acq: 13 Nov 2024 14:18

Instrument :
 BNA_E
 ClientSampleId :
 PB164886TB

Tgt Ion:264 Resp: 287050

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.9	17.4	26.2

