

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110624\
 Data File : BE101502.D
 Acq On : 6 Nov 2024 19:16
 Operator : RC/JU
 Sample : PB164561BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB164561BL

Quant Time: Nov 07 01:03:51 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)

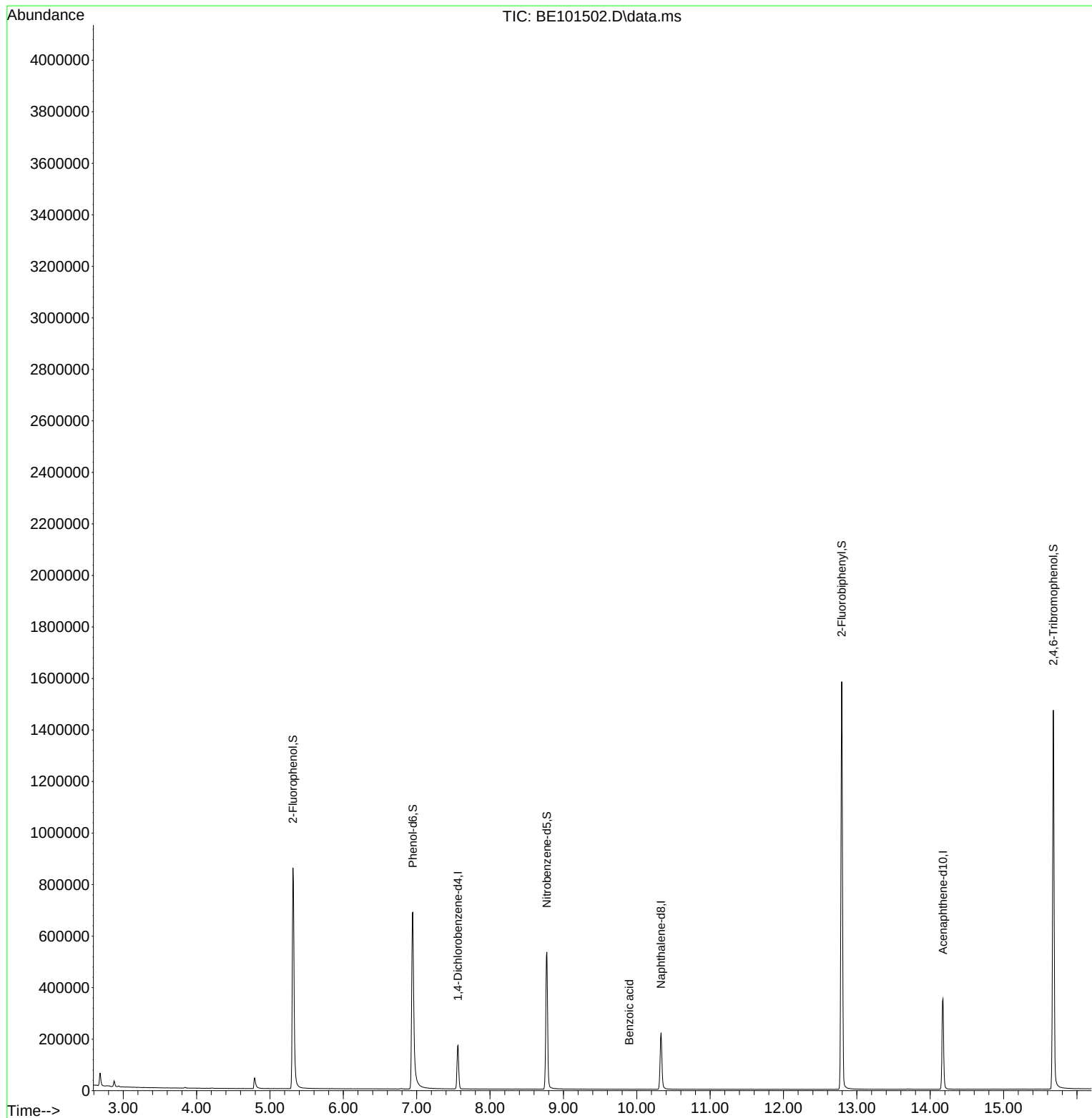
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.564	152	49754	20.000	ng	0.00
21) Naphthalene-d8	10.331	136	204369	20.000	ng	0.00
39) Acenaphthene-d10	14.174	164	133519	20.000	ng	0.00
64) Phenanthrene-d10	16.906	188	306761	20.000	ng	0.00
76) Chrysene-d12	21.066	240	392502	20.000	ng	-0.01
86) Perylene-d12	23.351	264	573520	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.314	112	456176	162.118	ng	0.00
7) Phenol-d6	6.947	99	563729	146.119	ng	0.00
23) Nitrobenzene-d5	8.774	82	329032	101.695	ng	0.00
42) 2,4,6-Tribromophenol	15.678	330	370270	147.376	ng	0.00
45) 2-Fluorobiphenyl	12.793	172	865426	105.833	ng	0.00
79) Terphenyl-d14	19.503	244	1799718	101.497	ng	0.00
Target Compounds						
32) Benzoic acid	9.896	122	7	6.837	ng	Qvalue # 86

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

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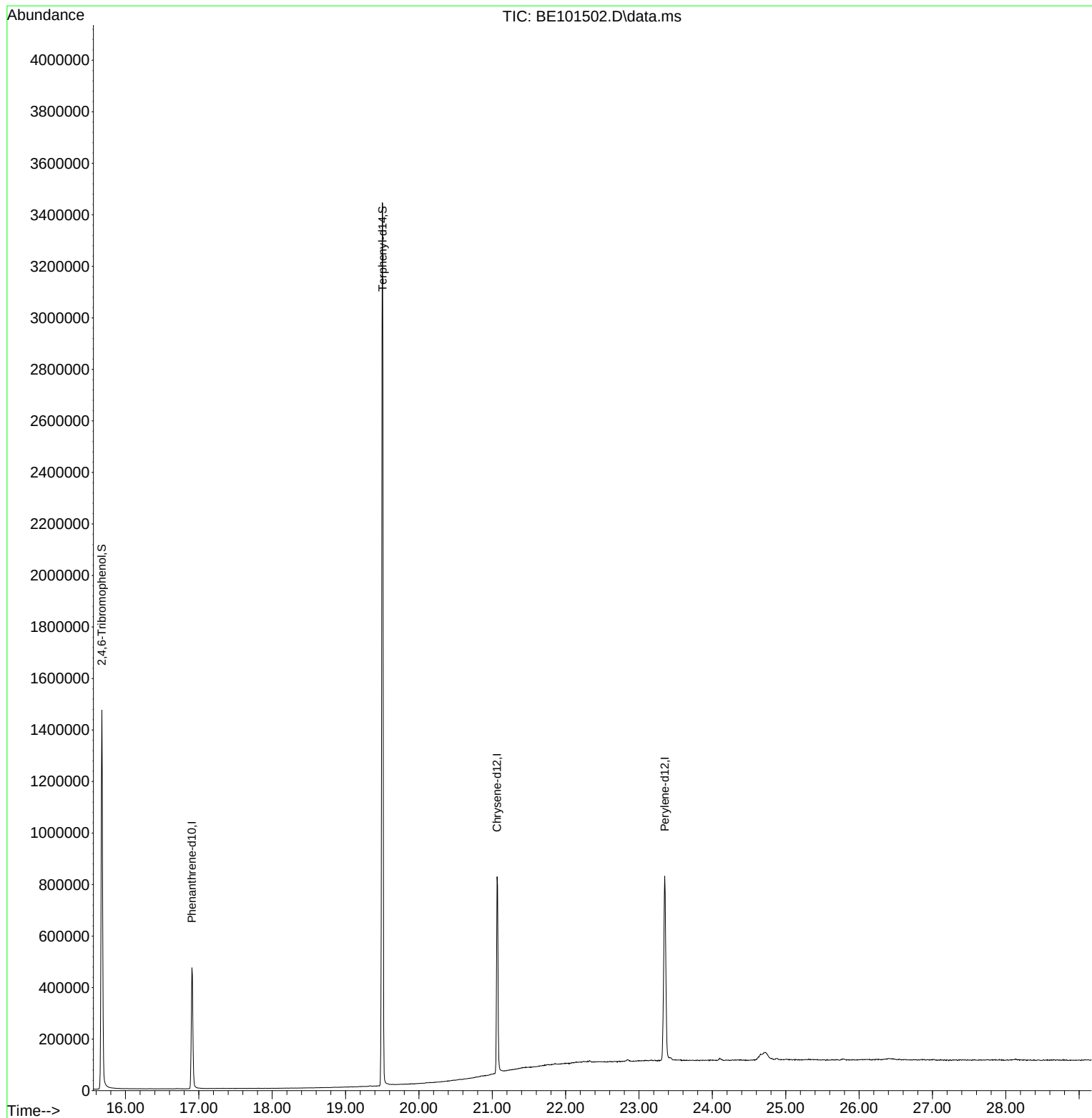
Quant Time: Nov 07 01:03:51 2024
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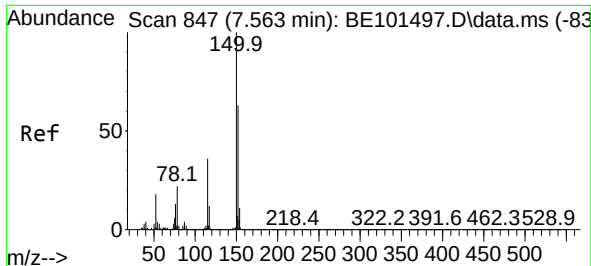


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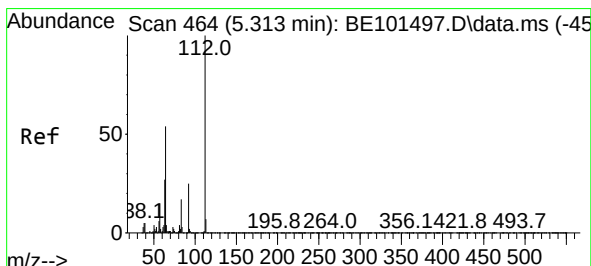
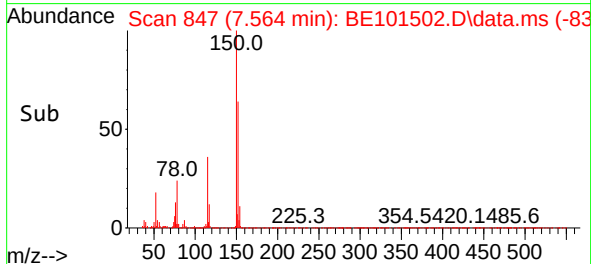
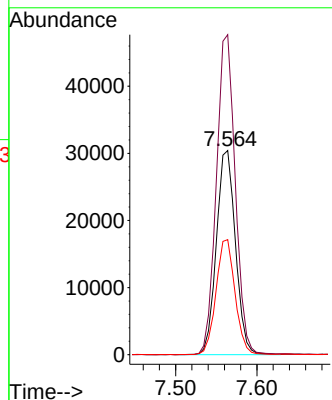
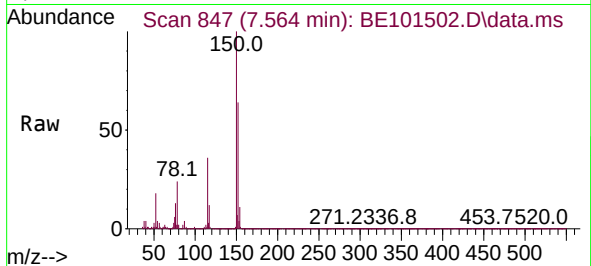




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.564 min Scan# 847
Delta R.T. 0.001 min
Lab File: BE101502.D
Acq: 6 Nov 2024 19:16

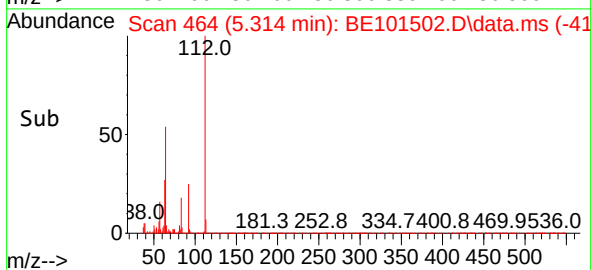
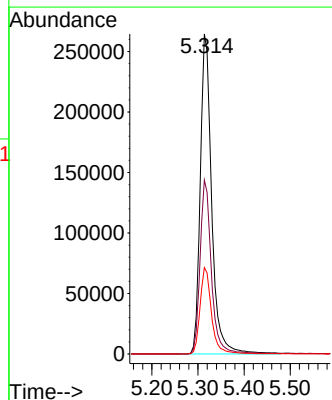
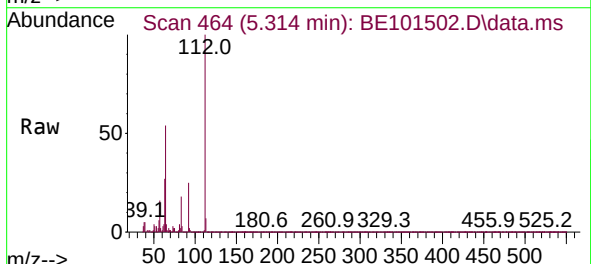
Instrument :
BNA_E
ClientSampleId :
PB164561BL

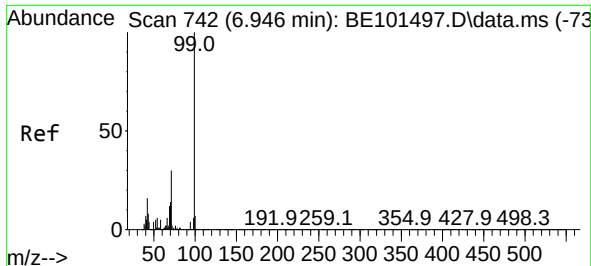
Tgt Ion:152 Resp: 49754
Ion Ratio Lower Upper
152 100
150 156.7 126.3 189.5
115 56.3 45.0 67.4



#5
2-Fluorophenol
Concen: 162.118 ng
RT: 5.314 min Scan# 464
Delta R.T. 0.001 min
Lab File: BE101502.D
Acq: 6 Nov 2024 19:16

Tgt Ion:112 Resp: 456176
Ion Ratio Lower Upper
112 100
64 54.4 43.2 64.8
63 27.0 21.8 32.6

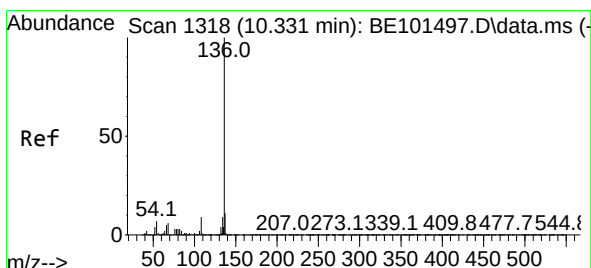
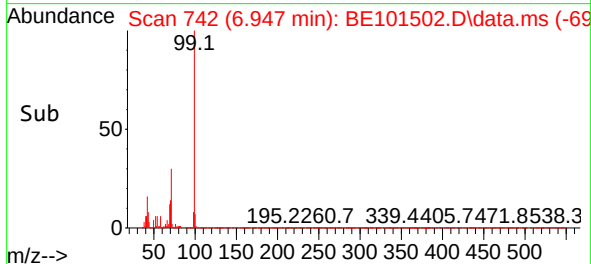
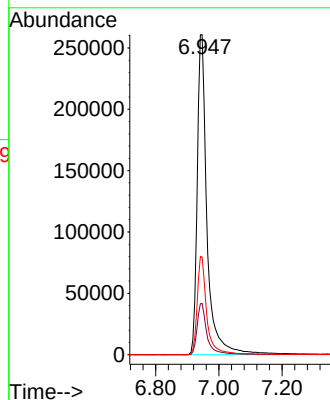
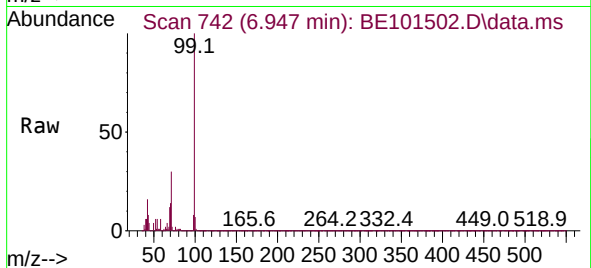




#7
Phenol-d6
Concen: 146.119 ng
RT: 6.947 min Scan# 742
Delta R.T. 0.001 min
Lab File: BE101502.D
Acq: 6 Nov 2024 19:16

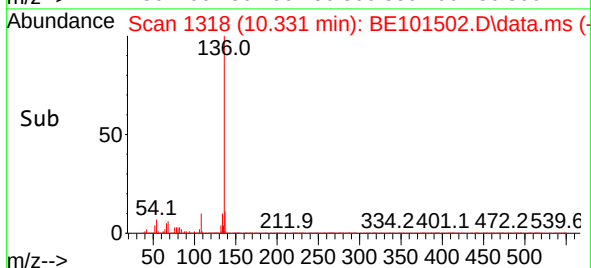
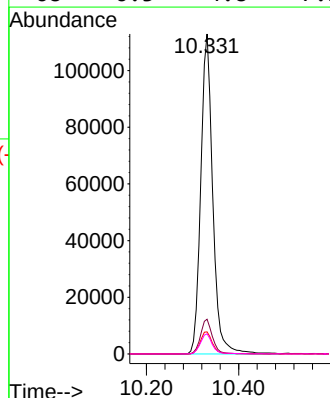
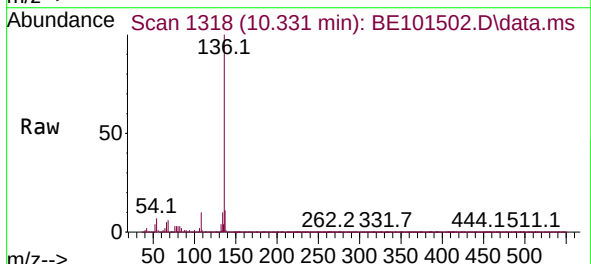
Instrument :
BNA_E
ClientSampleId :
PB164561BL

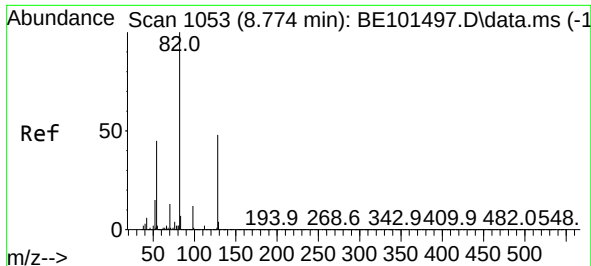
Tgt Ion: 99 Resp: 563729
Ion Ratio Lower Upper
99 100
42 16.0 12.5 18.7
71 30.5 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.331 min Scan# 1318
Delta R.T. 0.001 min
Lab File: BE101502.D
Acq: 6 Nov 2024 19:16

Tgt Ion: 136 Resp: 204369
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.9 5.6 8.4
68 6.3 4.8 7.2

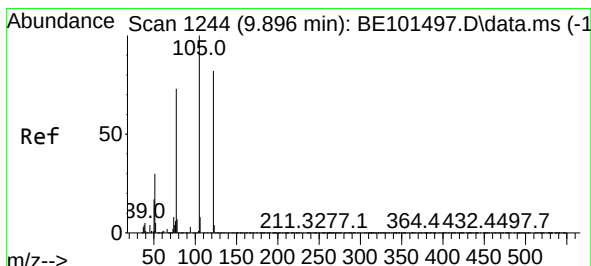
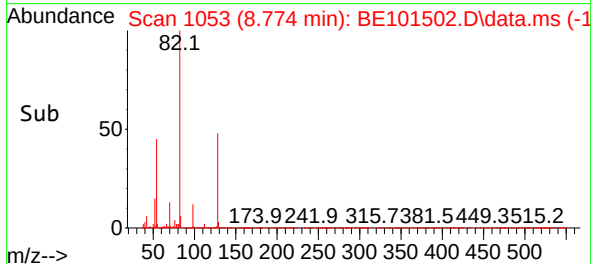
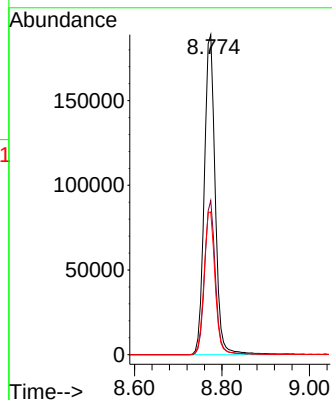
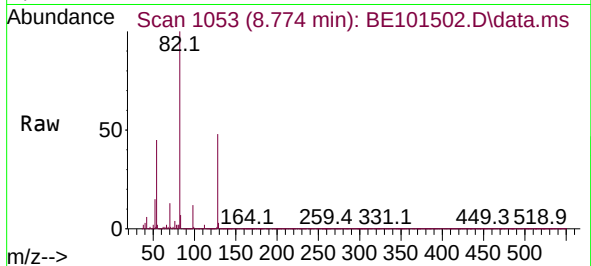




#23
Nitrobenzene-d5
Concen: 101.695 ng
RT: 8.774 min Scan# 1053
Delta R.T. 0.001 min
Lab File: BE101502.D
Acq: 6 Nov 2024 19:16

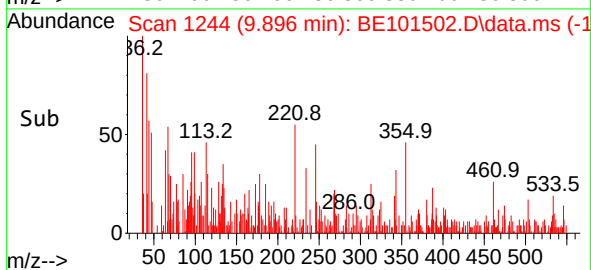
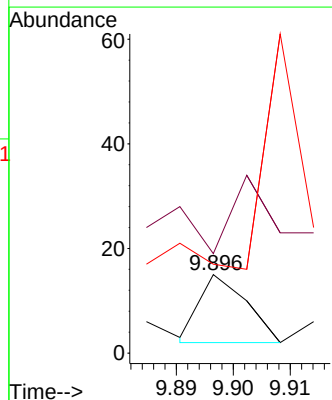
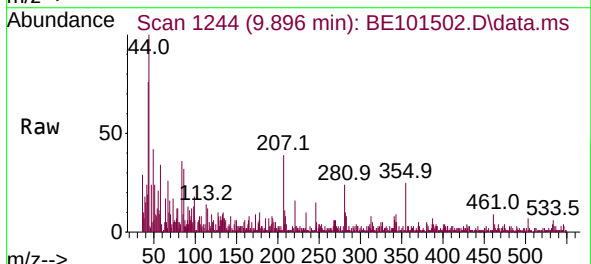
Instrument :
BNA_E
ClientSampleId :
PB164561BL

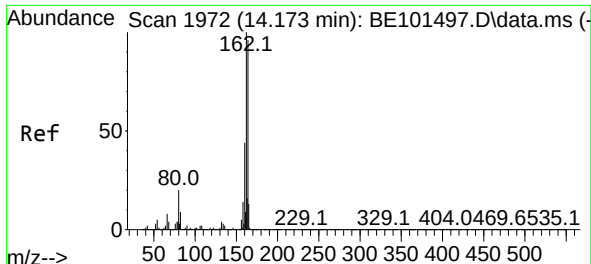
Tgt Ion: 82 Resp: 329032
Ion Ratio Lower Upper
82 100
128 48.2 38.6 58.0
54 44.6 36.3 54.5



#32
Benzoic acid
Concen: 6.837 ng
RT: 9.896 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BE101502.D
Acq: 6 Nov 2024 19:16

Tgt Ion: 122 Resp: 7
Ion Ratio Lower Upper
122 100
105 126.7 100.6 140.6
77 113.3 68.6 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.174 min Scan# 1972

Delta R.T. 0.001 min

Lab File: BE101502.D

Acq: 6 Nov 2024 19:16

Instrument :

BNA_E

ClientSampleId :

PB164561BL

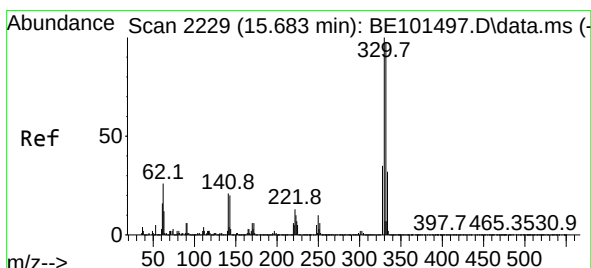
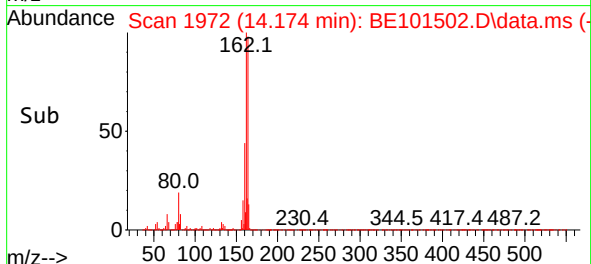
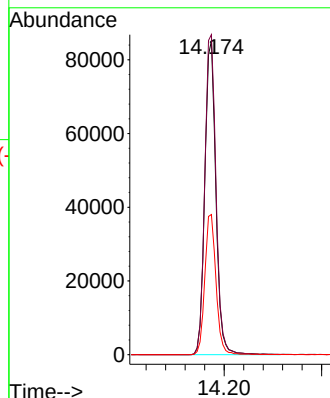
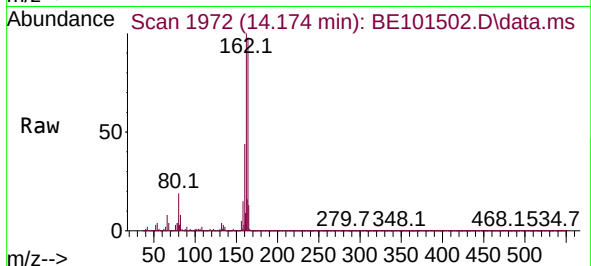
Tgt Ion:164 Resp: 133519

Ion Ratio Lower Upper

164 100

162 102.0 83.7 125.5

160 44.6 37.1 55.7



#42

2,4,6-Tribromophenol

Concen: 147.376 ng

RT: 15.678 min Scan# 2228

Delta R.T. -0.005 min

Lab File: BE101502.D

Acq: 6 Nov 2024 19:16

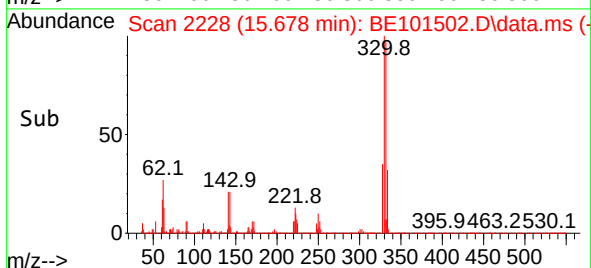
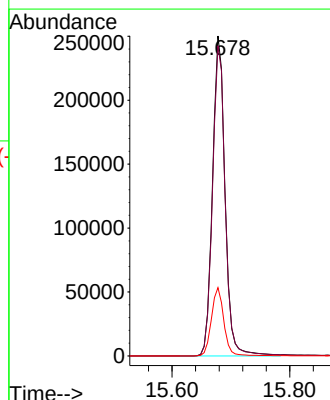
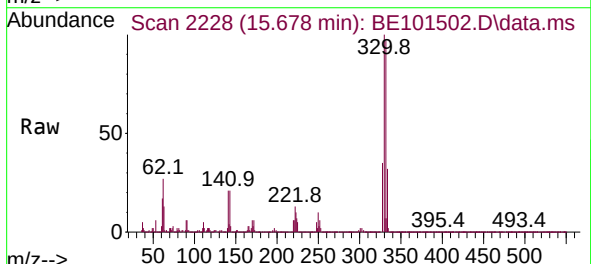
Tgt Ion:330 Resp: 370270

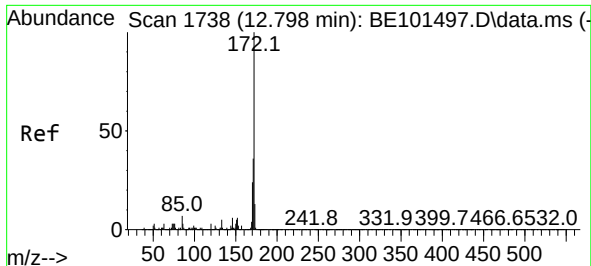
Ion Ratio Lower Upper

330 100

332 98.5 77.7 116.5

141 21.4 17.0 25.4

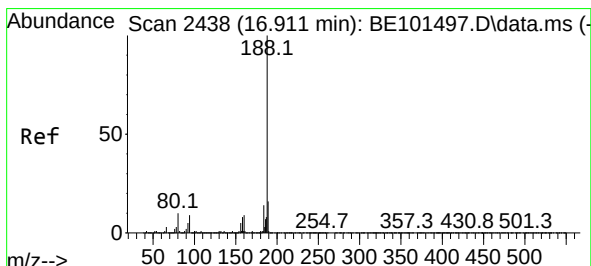
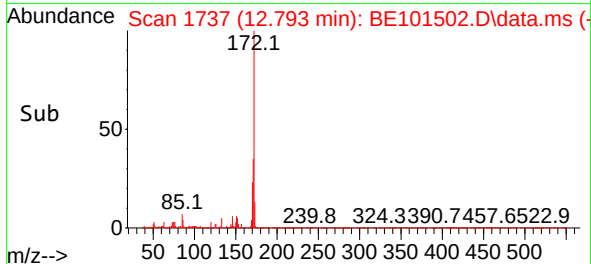
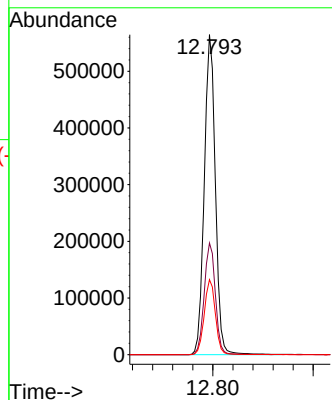
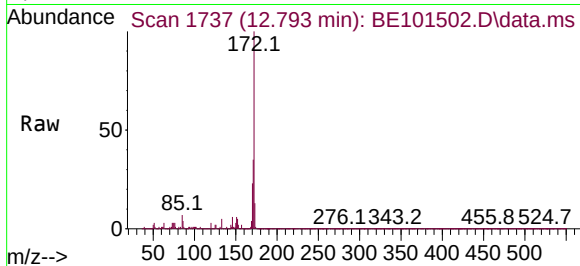




#45
2-Fluorobiphenyl
Concen: 105.833 ng
RT: 12.793 min Scan# 11
Delta R.T. -0.005 min
Lab File: BE101502.D
Acq: 6 Nov 2024 19:16

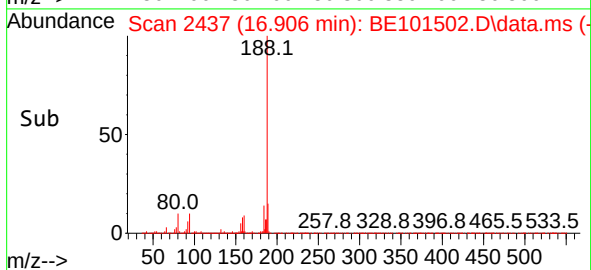
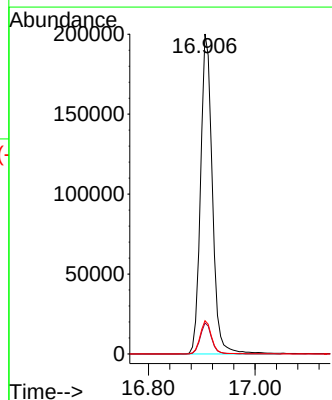
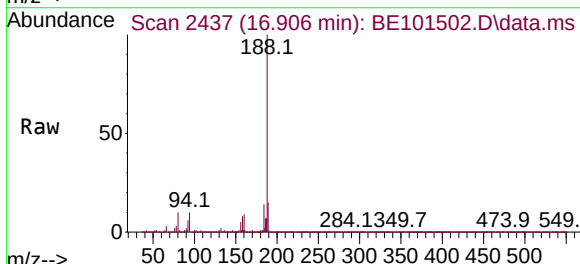
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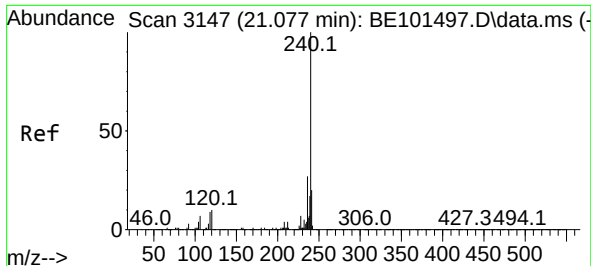
Tgt Ion:172 Resp: 865426
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.5 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.906 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BE101502.D
Acq: 6 Nov 2024 19:16

Tgt Ion:188 Resp: 306761
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.4 8.0 12.0

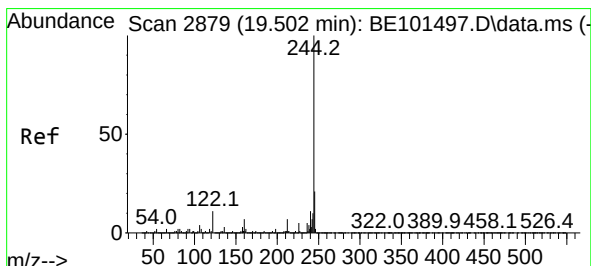
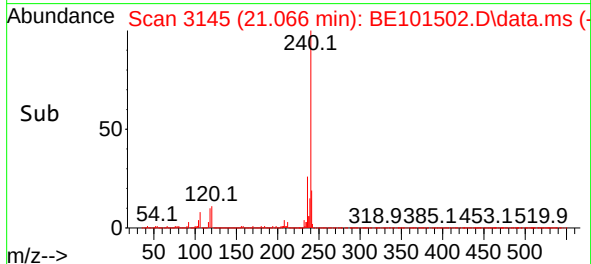
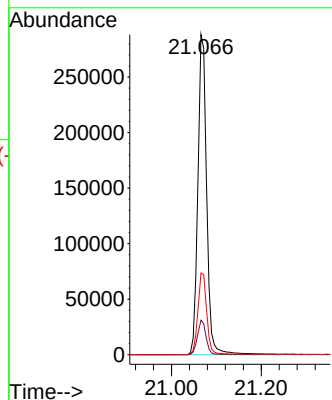
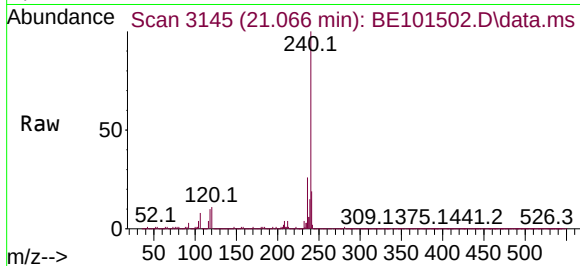




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.066 min Scan# 3145
Delta R.T. -0.011 min
Lab File: BE101502.D
Acq: 6 Nov 2024 19:16

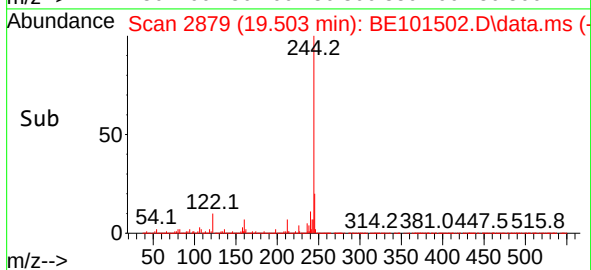
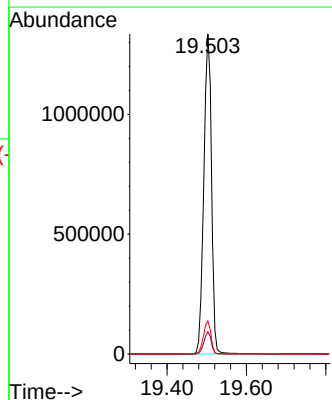
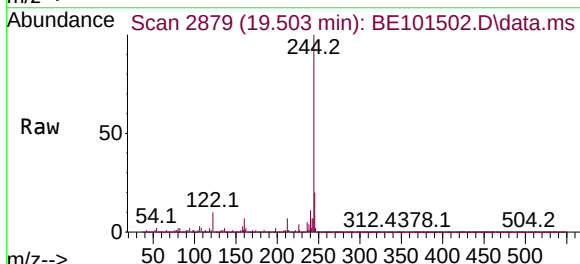
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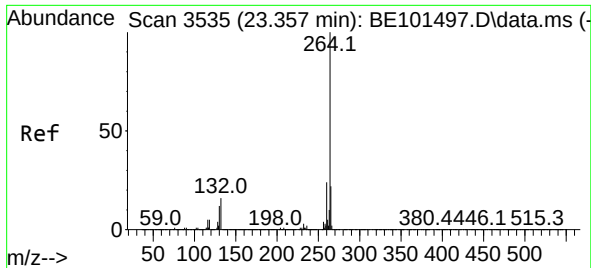
Tgt Ion:240 Resp: 392502
Ion Ratio Lower Upper
240 100
120 10.7 8.2 12.4
236 25.5 21.4 32.2



#79
Terphenyl-d14
Concen: 101.497 ng
RT: 19.503 min Scan# 2879
Delta R.T. 0.001 min
Lab File: BE101502.D
Acq: 6 Nov 2024 19:16

Tgt Ion:244 Resp: 1799718
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 10.3 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.351 min Scan# 31
 Delta R.T. -0.005 min
 Lab File: BE101502.D
 Acq: 6 Nov 2024 19:16

Instrument :
 BNA_E
 ClientSampleId :
 PB164561BL

Tgt Ion:264 Resp: 573520
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.5 17.4 26.2

