

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110624\
 Data File : BE101517.D
 Acq On : 7 Nov 2024 4:13
 Operator : RC/JU
 Sample : P4711-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CF-613-COMP-16

Quant Time: Nov 07 04:20:51 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)

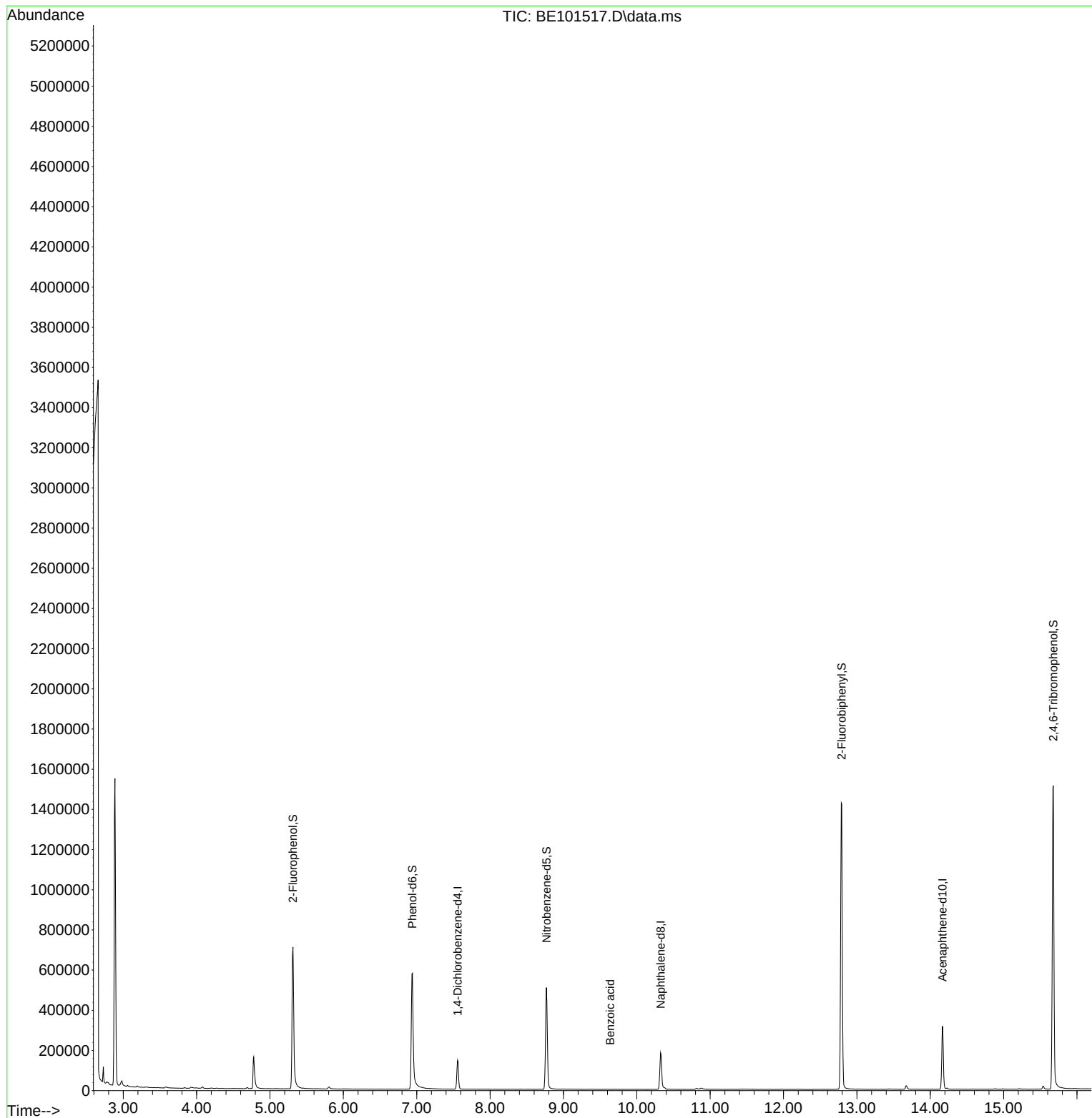
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	40273	20.000	ng	0.00
21) Naphthalene-d8	10.325	136	167638	20.000	ng	0.00
39) Acenaphthene-d10	14.168	164	113961	20.000	ng	0.00
64) Phenanthrene-d10	16.906	188	288408	20.000	ng	0.00
76) Chrysene-d12	21.065	240	425100	20.000	ng	-0.01
86) Perylene-d12	23.345	264	566650	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.313	112	368762	161.904	ng	0.00
7) Phenol-d6	6.941	99	435262	139.380	ng	0.00
23) Nitrobenzene-d5	8.768	82	305082	114.953	ng	0.00
42) 2,4,6-Tribromophenol	15.678	330	401858	187.399	ng	0.00
45) 2-Fluorobiphenyl	12.793	172	797703	114.293	ng	0.00
79) Terphenyl-d14	19.503	244	2228221	116.027	ng	0.00
Target Compounds						
32) Benzoic acid	9.638	122	16	6.842	ng	96

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

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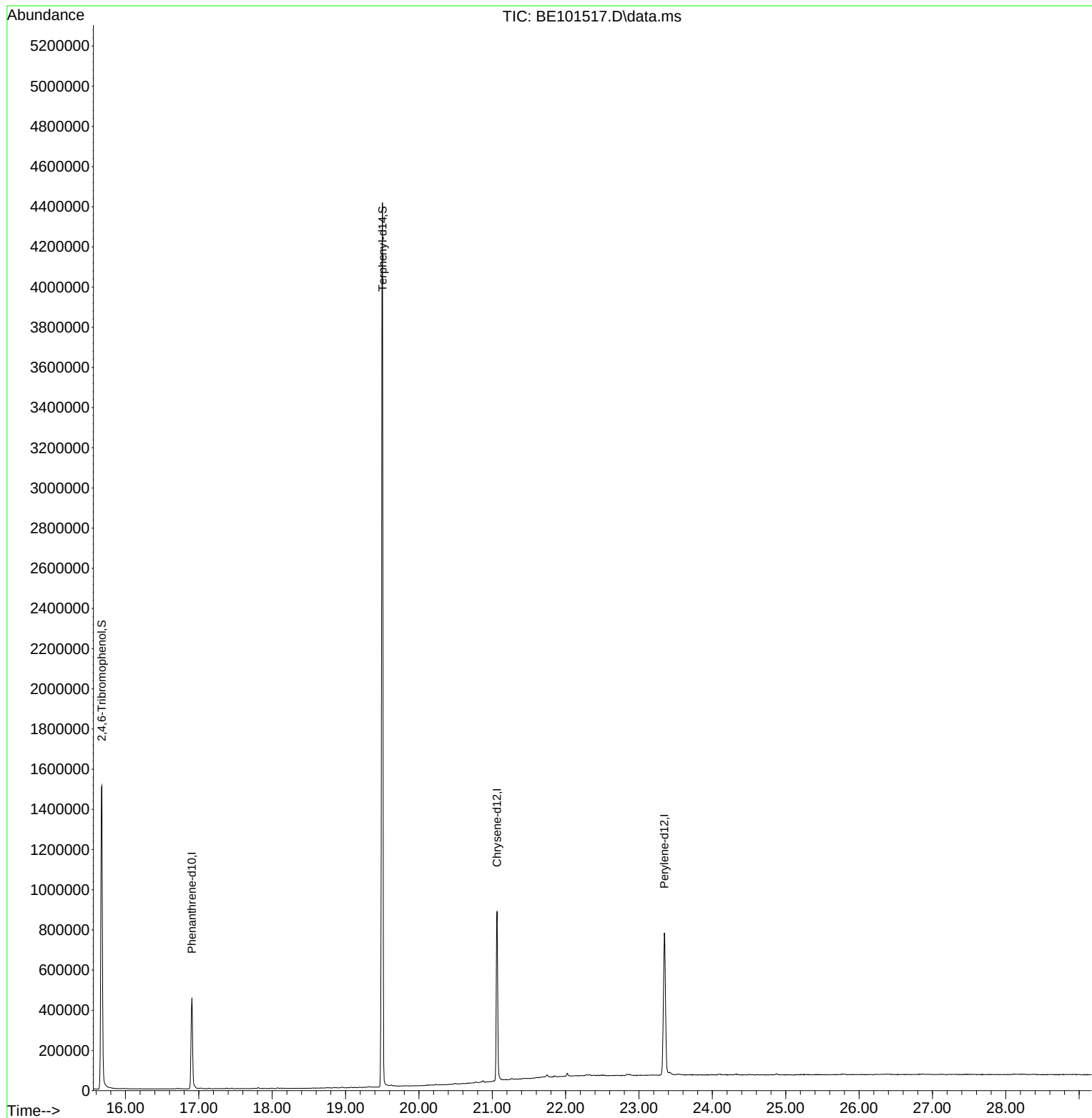
Quant Time: Nov 07 04:20:51 2024
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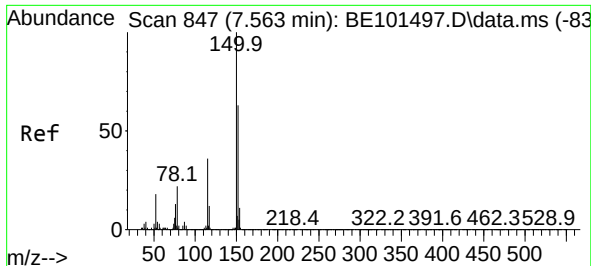


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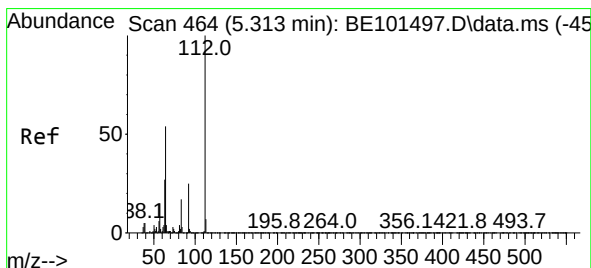
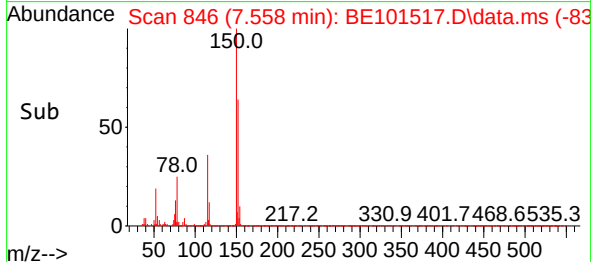
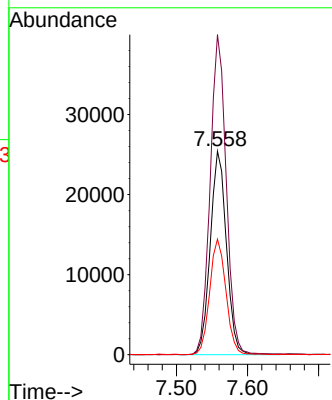
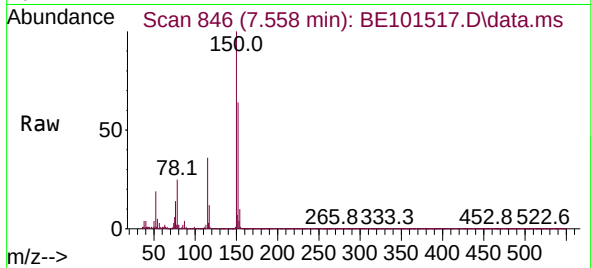




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.558 min Scan# 847
Delta R.T. -0.005 min
Lab File: BE101517.D
Acq: 7 Nov 2024 4:13

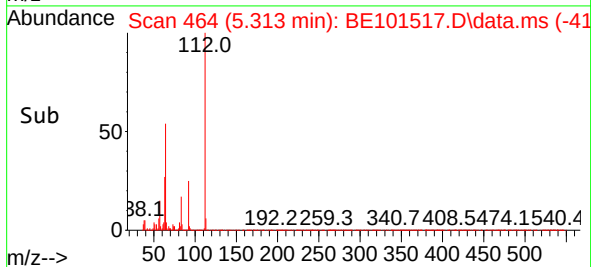
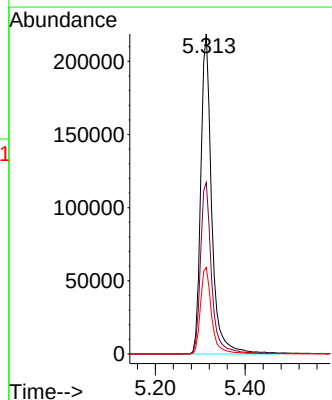
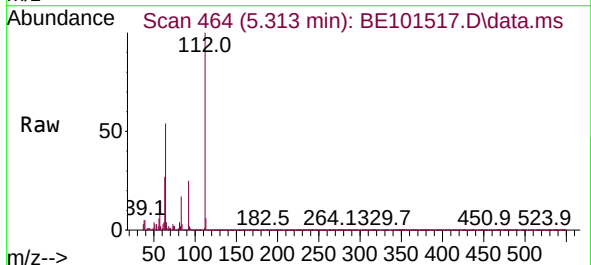
Instrument :
BNA_E
ClientSampleId :
CF-613-COMP-16

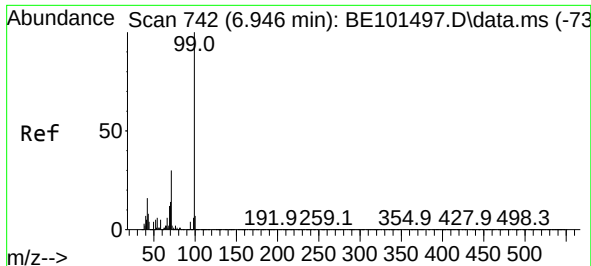
Tgt Ion:152 Resp: 40273
Ion Ratio Lower Upper
152 100
150 157.3 126.3 189.5
115 56.7 45.0 67.4



#5
2-Fluorophenol
Concen: 161.904 ng
RT: 5.313 min Scan# 464
Delta R.T. 0.000 min
Lab File: BE101517.D
Acq: 7 Nov 2024 4:13

Tgt Ion:112 Resp: 368762
Ion Ratio Lower Upper
112 100
64 53.6 43.2 64.8
63 27.1 21.8 32.6

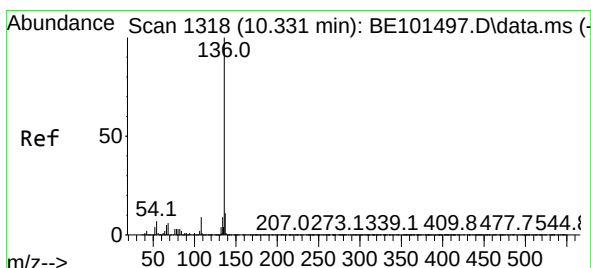
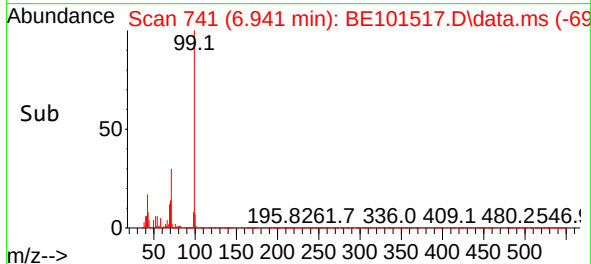
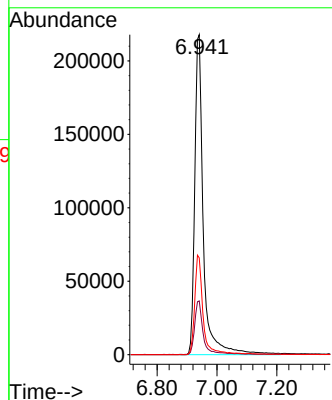
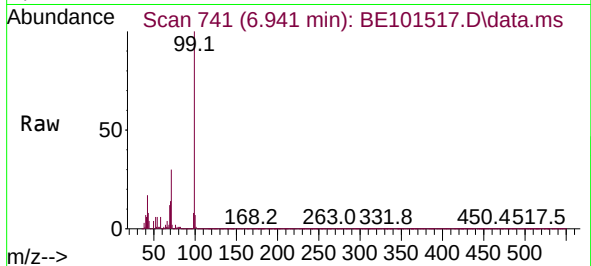




#7
Phenol-d6
Concen: 139.380 ng
RT: 6.941 min Scan# 741
Delta R.T. -0.006 min
Lab File: BE101517.D
Acq: 7 Nov 2024 4:13

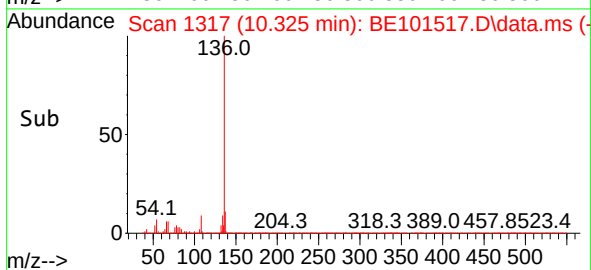
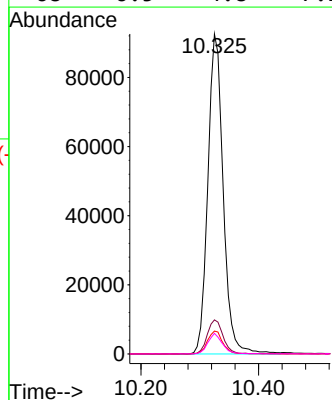
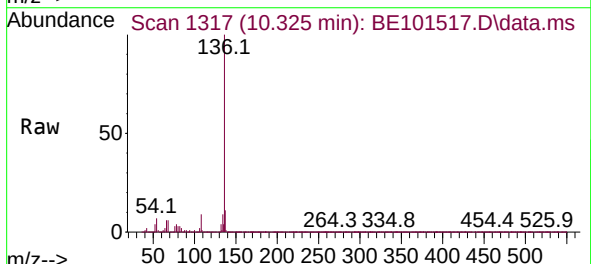
Instrument :
BNA_E
ClientSampleId :
CF-613-COMP-16

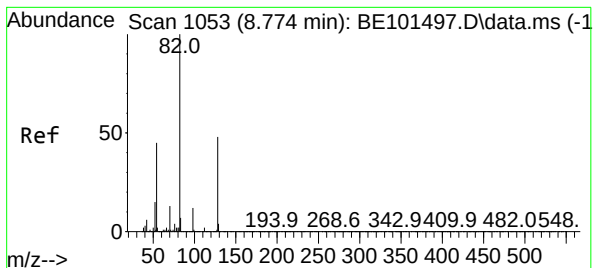
Tgt Ion: 99 Resp: 435262
Ion Ratio Lower Upper
99 100
42 16.8 12.5 18.7
71 30.3 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.325 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BE101517.D
Acq: 7 Nov 2024 4:13

Tgt Ion: 136 Resp: 167638
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.1 5.6 8.4
68 6.5 4.8 7.2

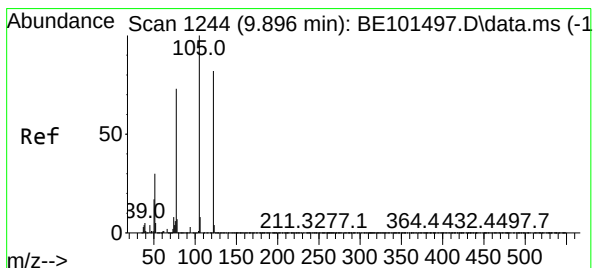
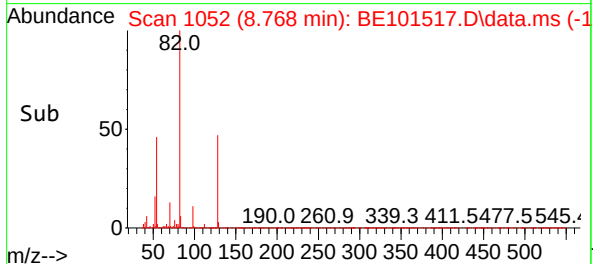
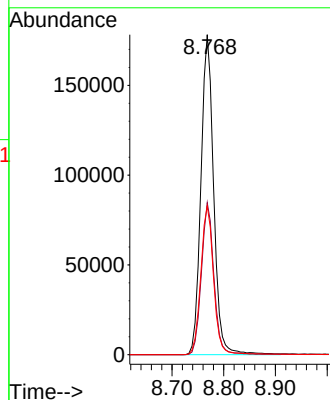
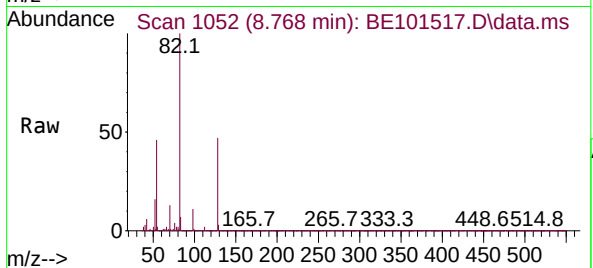




#23
Nitrobenzene-d5
Concen: 114.953 ng
RT: 8.768 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BE101517.D
Acq: 7 Nov 2024 4:13

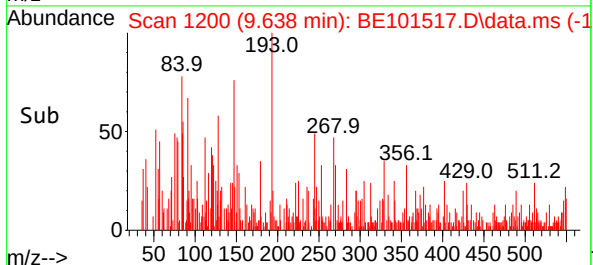
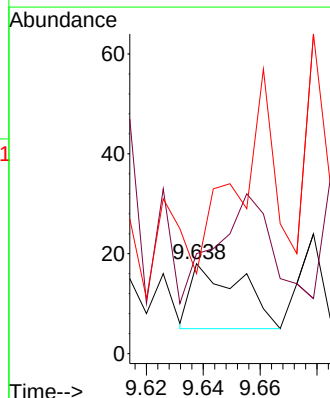
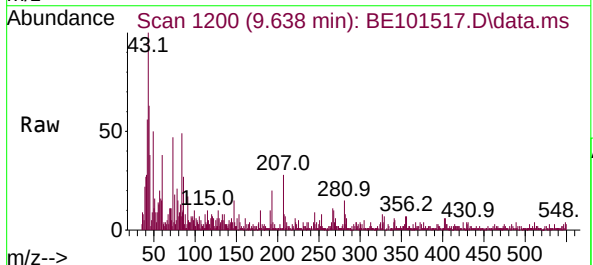
Instrument :
BNA_E
ClientSampleId :
CF-613-COMP-16

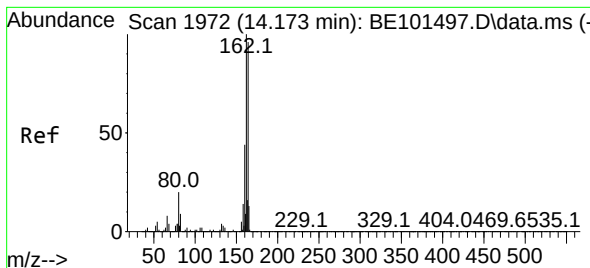
Tgt Ion: 82 Resp: 305082
Ion Ratio Lower Upper
82 100
128 47.5 38.6 58.0
54 46.4 36.3 54.5



#32
Benzoic acid
Concen: 6.842 ng
RT: 9.638 min Scan# 1200
Delta R.T. -0.258 min
Lab File: BE101517.D
Acq: 7 Nov 2024 4:13

Tgt Ion: 122 Resp: 16
Ion Ratio Lower Upper
122 100
105 127.8 100.6 140.6
77 88.9 68.6 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.168 min Scan# 1972

Delta R.T. -0.006 min

Lab File: BE101517.D

Acq: 7 Nov 2024 4:13

Instrument :

BNA_E

ClientSampleId :

CF-613-COMP-16

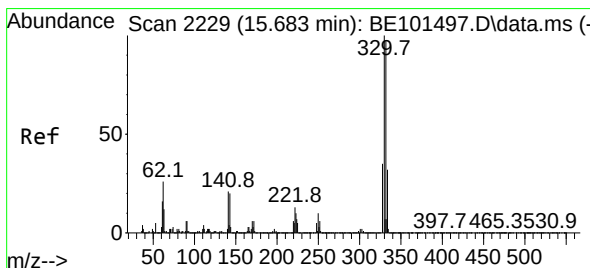
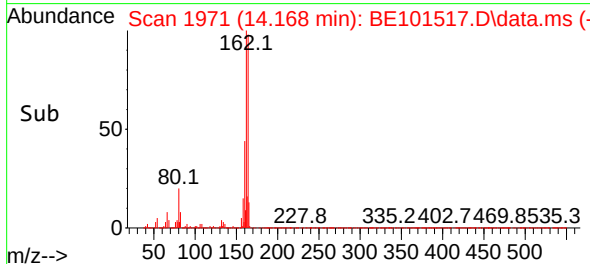
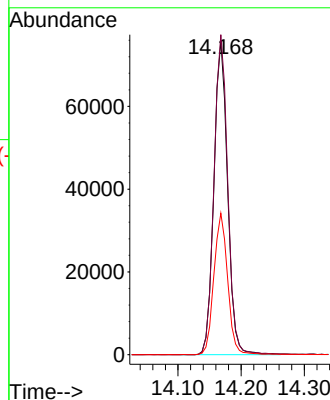
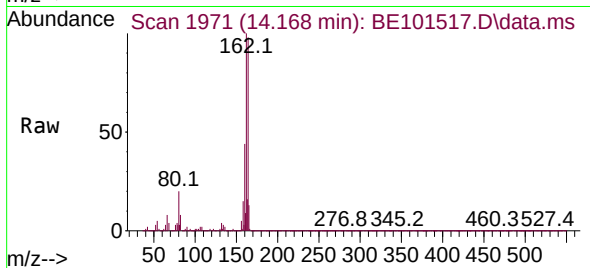
Tgt Ion:164 Resp: 113961

Ion Ratio Lower Upper

164 100

162 102.0 83.7 125.5

160 45.1 37.1 55.7



#42

2,4,6-Tribromophenol

Concen: 187.399 ng

RT: 15.678 min Scan# 2228

Delta R.T. -0.006 min

Lab File: BE101517.D

Acq: 7 Nov 2024 4:13

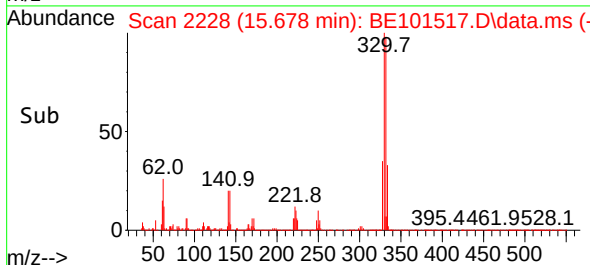
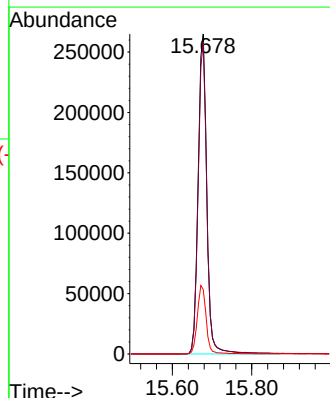
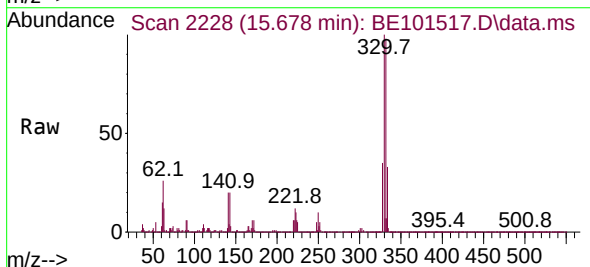
Tgt Ion:330 Resp: 401858

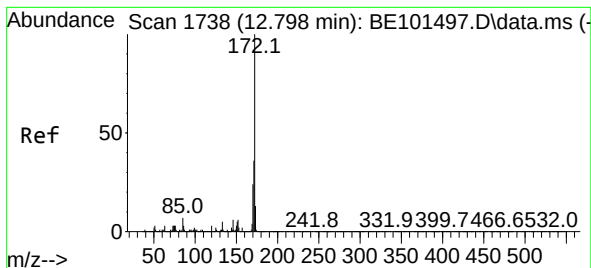
Ion Ratio Lower Upper

330 100

332 96.9 77.7 116.5

141 21.8 17.0 25.4





#45

2-Fluorobiphenyl

Concen: 114.293 ng

RT: 12.793 min Scan# 1

Delta R.T. -0.006 min

Lab File: BE101517.D

Acq: 7 Nov 2024 4:13

Instrument :

BNA_E

ClientSampleId :

CF-613-COMP-16

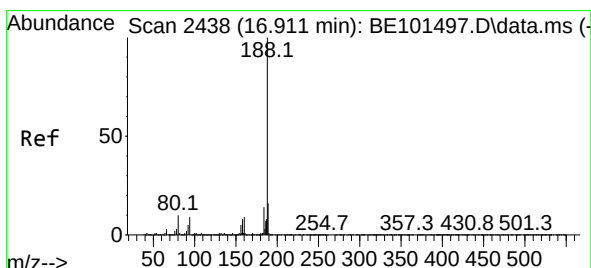
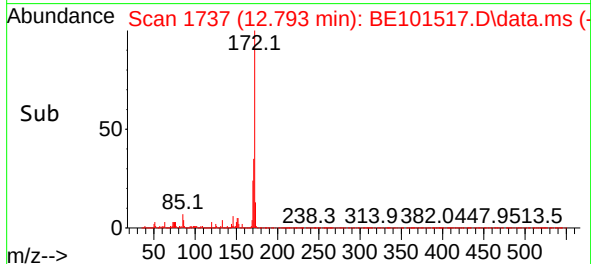
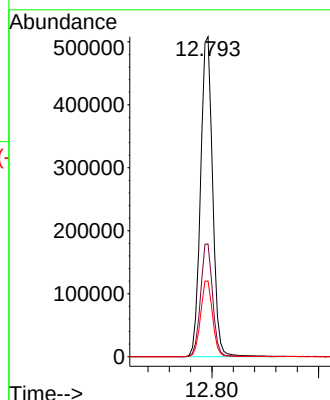
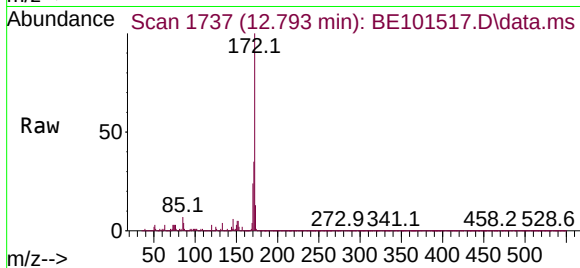
Tgt Ion:172 Resp: 797703

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: 16.906 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BE101517.D

Acq: 7 Nov 2024 4:13

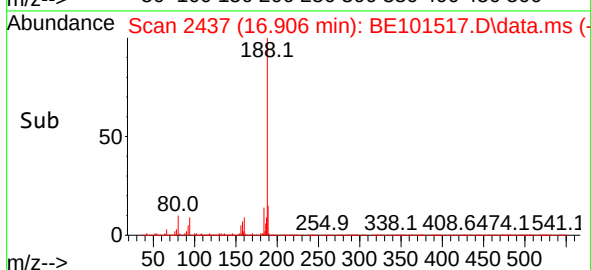
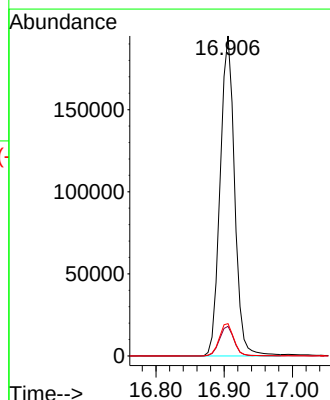
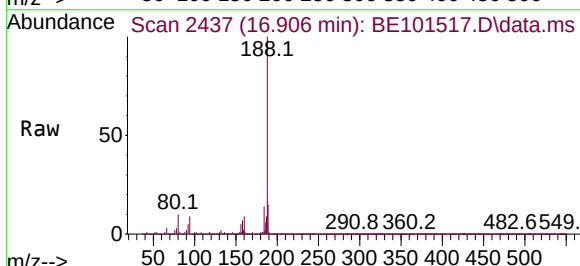
Tgt Ion:188 Resp: 288408

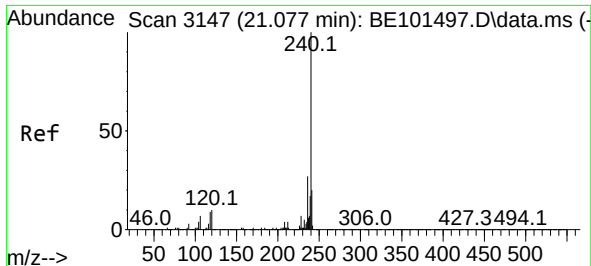
Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 10.1 8.0 12.0

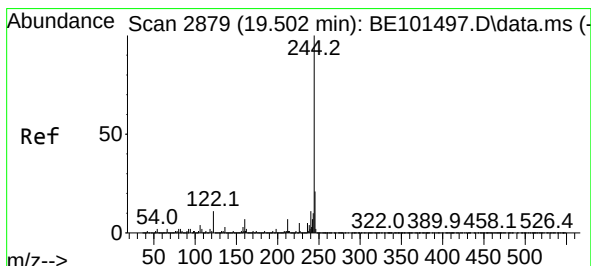
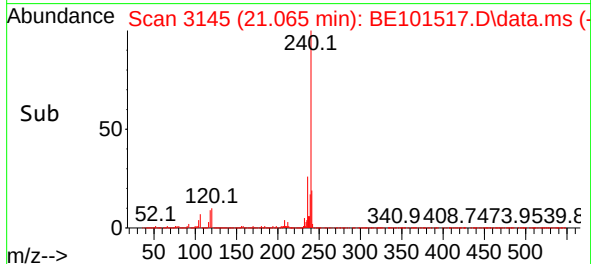
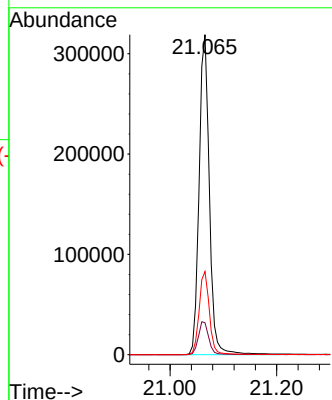
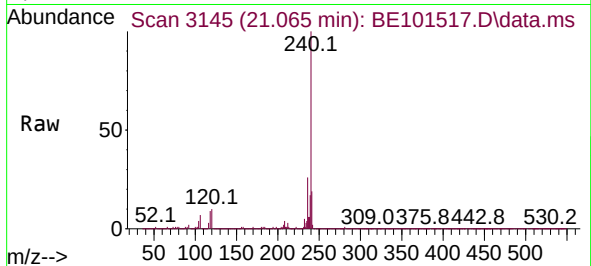




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.065 min Scan# 3147
Delta R.T. -0.011 min
Lab File: BE101517.D
Acq: 7 Nov 2024 4:13

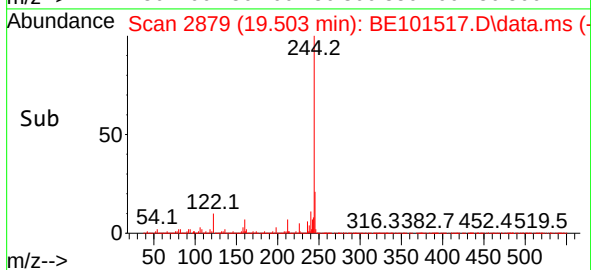
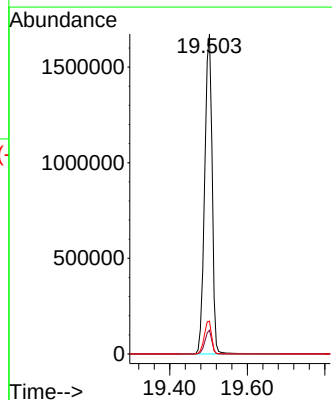
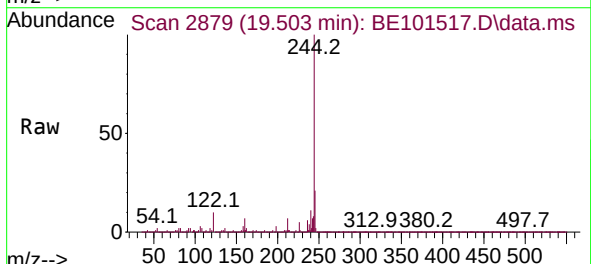
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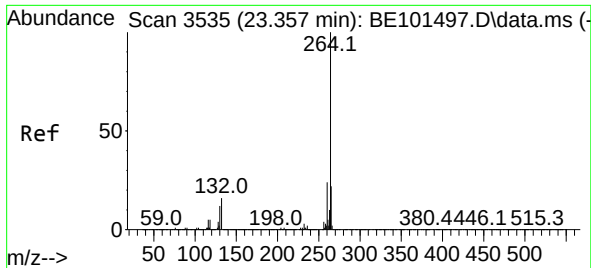
Tgt Ion:240 Resp: 425100
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.4
236 26.0 21.4 32.2



#79
Terphenyl-d14
Concen: 116.027 ng
RT: 19.503 min Scan# 2879
Delta R.T. 0.000 min
Lab File: BE101517.D
Acq: 7 Nov 2024 4:13

Tgt Ion:244 Resp: 2228221
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 10.3 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.345 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: BE101517.D
 Acq: 7 Nov 2024 4:13

Instrument :
 BNA_E
 ClientSampleId :
 CF-613-COMP-16

Tgt Ion:264 Resp: 566650
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.8 17.4 26.2

