

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110724\
 Data File : BE101530.D
 Acq On : 7 Nov 2024 14:31
 Operator : RC/JU
 Sample : P4711-10RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CF-613-COMP-17

Quant Time: Nov 07 14:13:47 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)

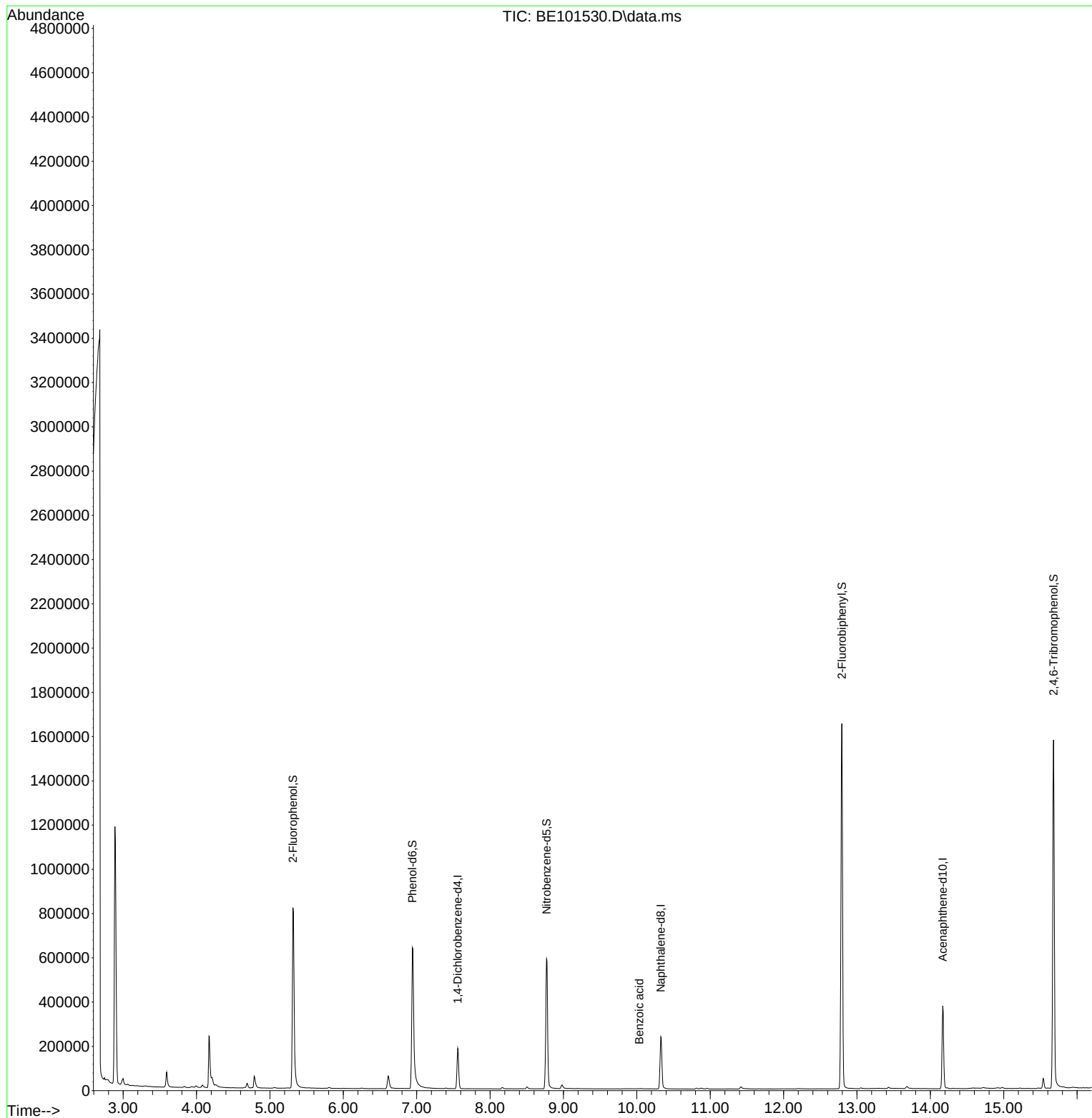
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	52015	20.000	ng	0.00
21) Naphthalene-d8	10.326	136	217168	20.000	ng	0.00
39) Acenaphthene-d10	14.169	164	126302	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	320318	20.000	ng	0.00
76) Chrysene-d12	21.067	240	355224	20.000	ng	-0.01
86) Perylene-d12	23.352	264	115918	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.315	112	439838	149.517	ng	0.00
7) Phenol-d6	6.942	99	486198	120.545	ng	0.00
23) Nitrobenzene-d5	8.769	82	359492	104.561	ng	0.00
42) 2,4,6-Tribromophenol	15.679	330	402839	169.501	ng	0.00
45) 2-Fluorobiphenyl	12.794	172	896499	115.897	ng	0.00
79) Terphenyl-d14	19.504	244	1991901	124.124	ng	0.00
Target Compounds						
32) Benzoic acid	10.033	122	92	6.872	ng	Qvalue 93

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

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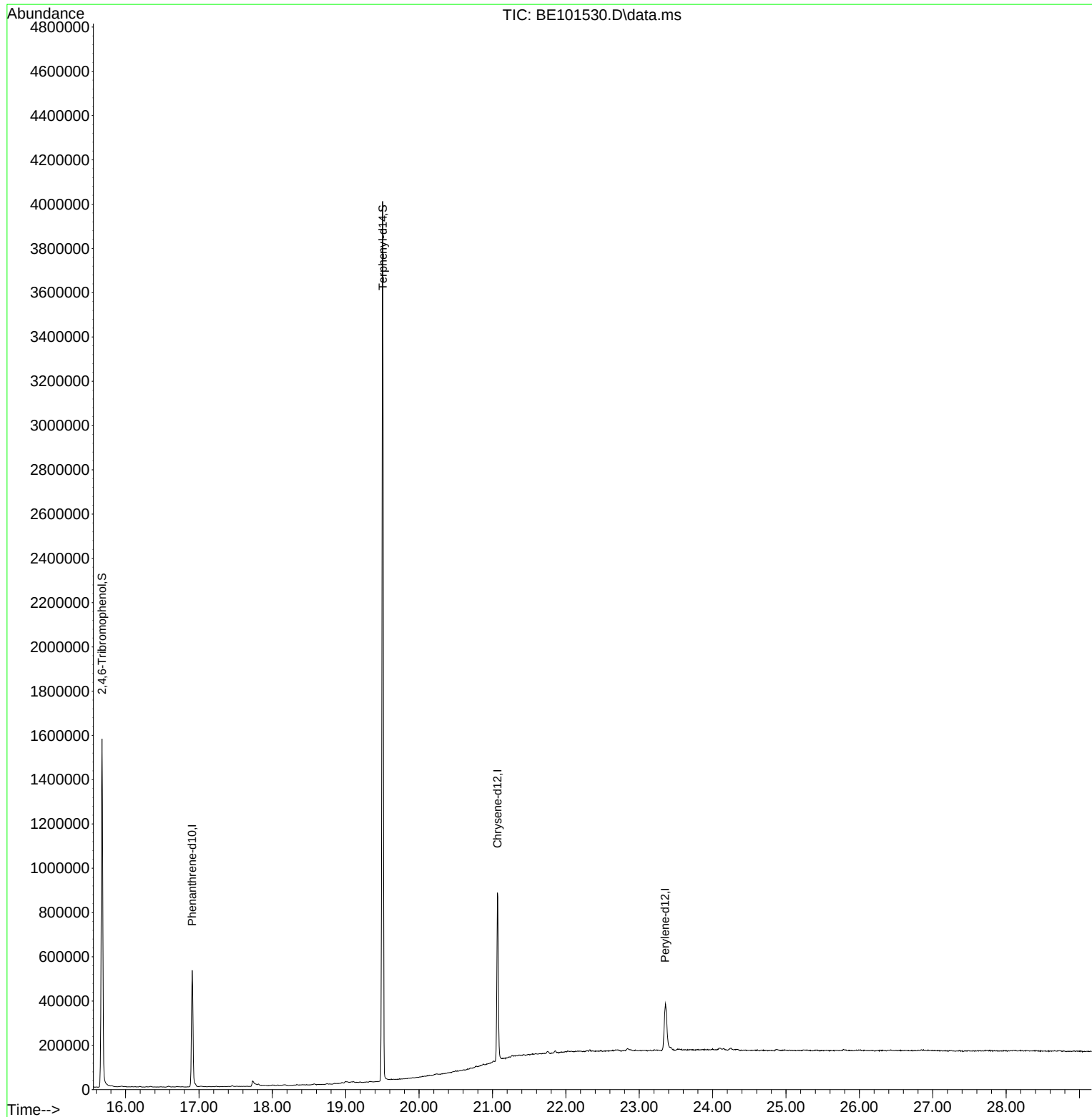
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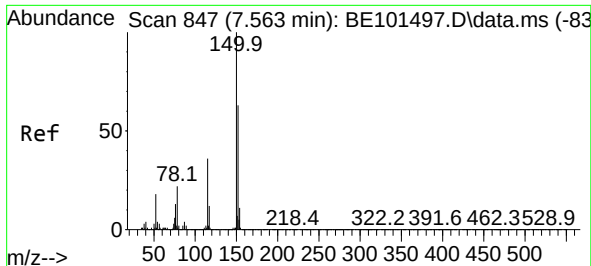


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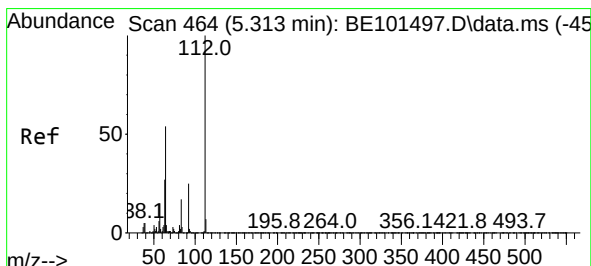
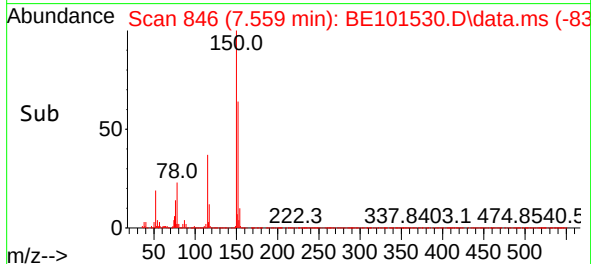
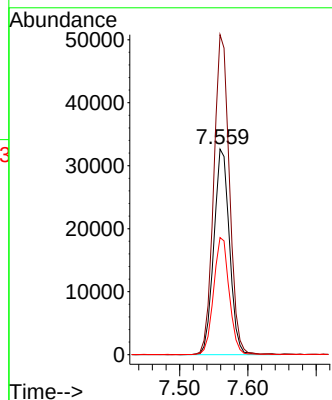
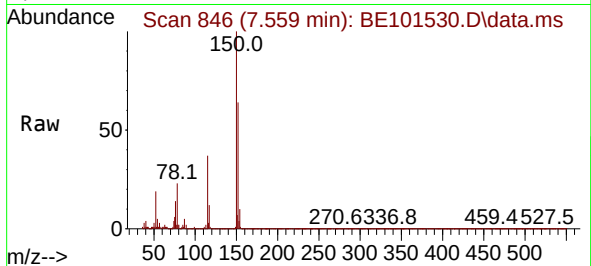




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.559 min Scan# 847
 Delta R.T. -0.004 min
 Lab File: BE101530.D
 Acq: 7 Nov 2024 14:31

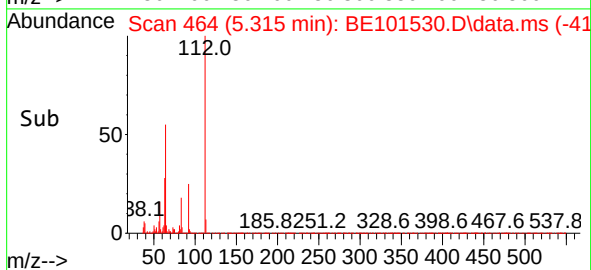
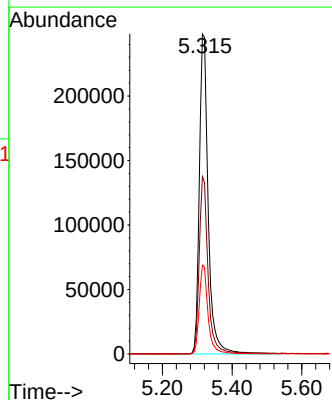
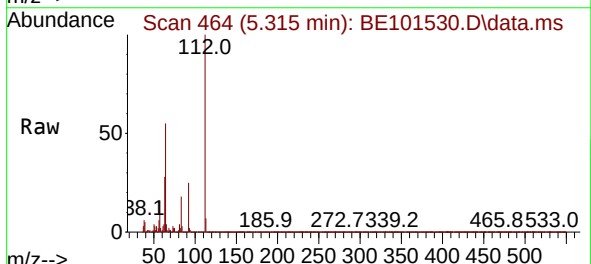
Instrument :
 BNA_E
 ClientSampleId :
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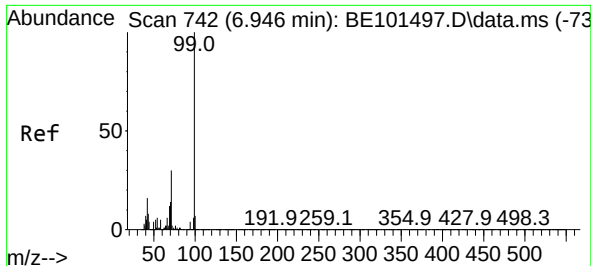
Tgt Ion:152 Resp: 52015
 Ion Ratio Lower Upper
 152 100
 150 155.6 126.3 189.5
 115 57.0 45.0 67.4



#5
 2-Fluorophenol
 Concen: 149.517 ng
 RT: 5.315 min Scan# 464
 Delta R.T. 0.002 min
 Lab File: BE101530.D
 Acq: 7 Nov 2024 14:31

Tgt Ion:112 Resp: 439838
 Ion Ratio Lower Upper
 112 100
 64 55.4 43.2 64.8
 63 27.8 21.8 32.6

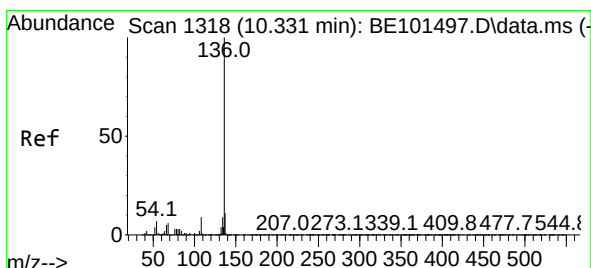
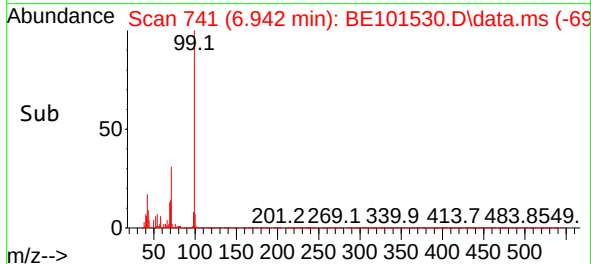
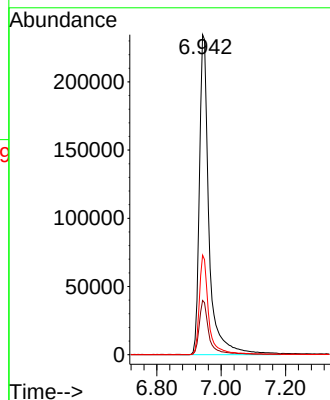
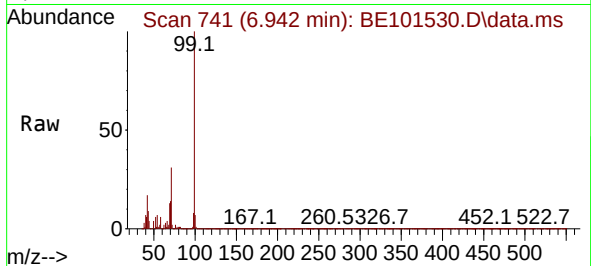




#7
Phenol-d6
Concen: 120.545 ng
RT: 6.942 min Scan# 741
Delta R.T. -0.004 min
Lab File: BE101530.D
Acq: 7 Nov 2024 14:31

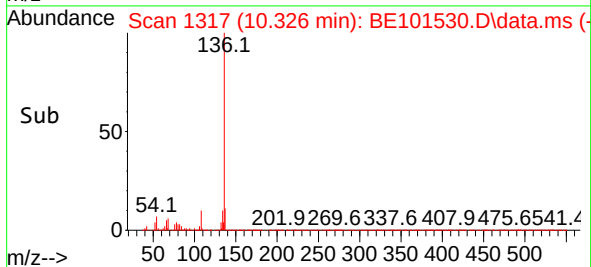
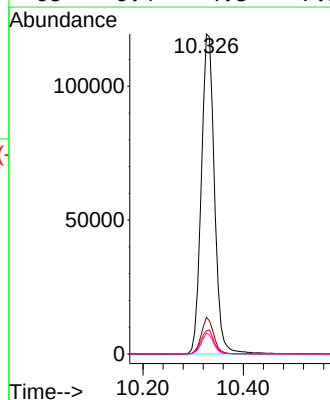
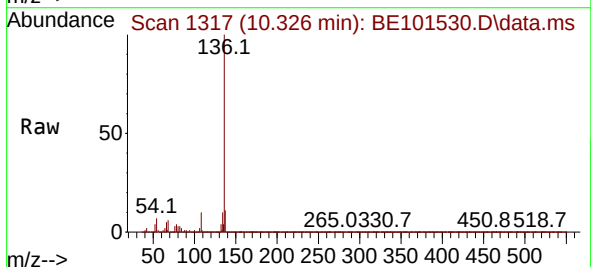
Instrument :
BNA_E
ClientSampleId :
CF-613-COMP-17

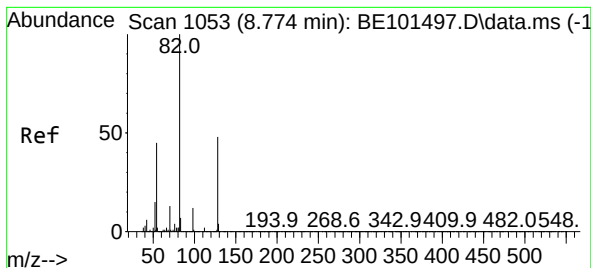
Tgt Ion: 99 Resp: 486198
Ion Ratio Lower Upper
99 100
42 17.0 12.5 18.7
71 31.1 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.326 min Scan# 1317
Delta R.T. -0.004 min
Lab File: BE101530.D
Acq: 7 Nov 2024 14:31

Tgt Ion: 136 Resp: 217168
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 7.3 5.6 8.4
68 6.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 104.561 ng

RT: 8.769 min Scan# 1052

Delta R.T. -0.004 min

Lab File: BE101530.D

Acq: 7 Nov 2024 14:31

Instrument :

BNA_E

ClientSampleId :

CF-613-COMP-17

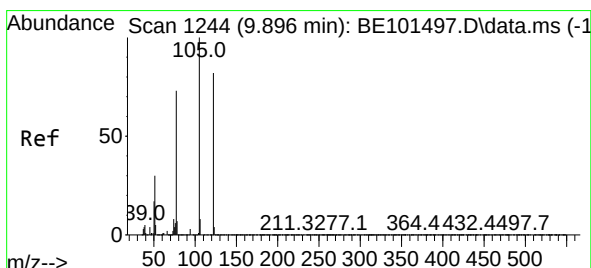
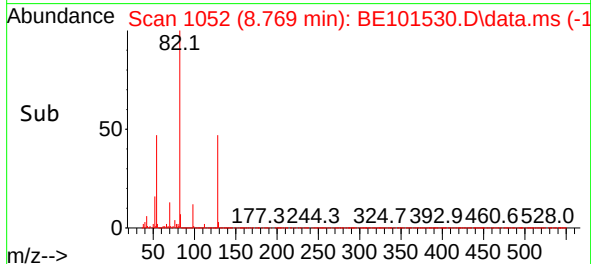
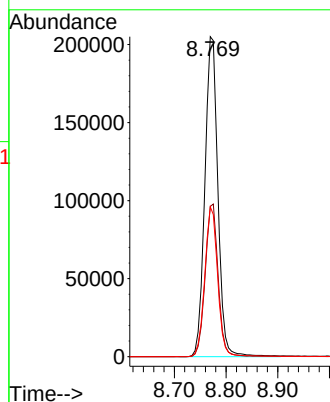
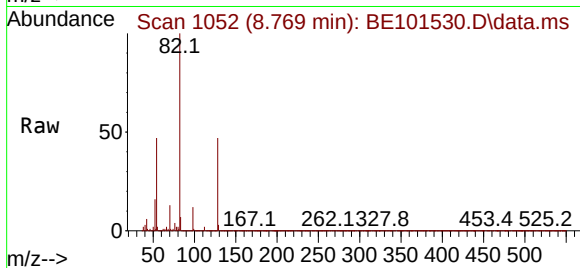
Tgt Ion: 82 Resp: 359492

Ion Ratio Lower Upper

82 100

128 47.0 38.6 58.0

54 46.9 36.3 54.5



#32

Benzoic acid

Concen: 6.872 ng

RT: 10.033 min Scan# 1267

Delta R.T. 0.137 min

Lab File: BE101530.D

Acq: 7 Nov 2024 14:31

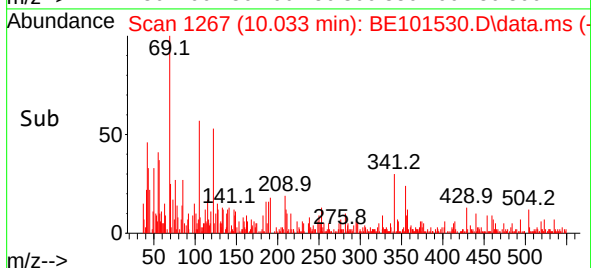
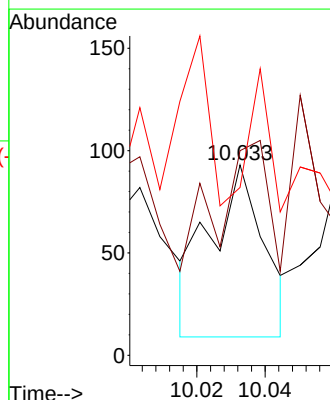
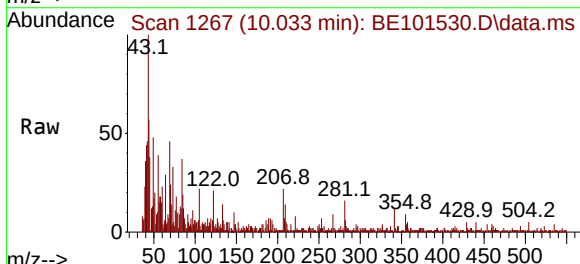
Tgt Ion: 122 Resp: 92

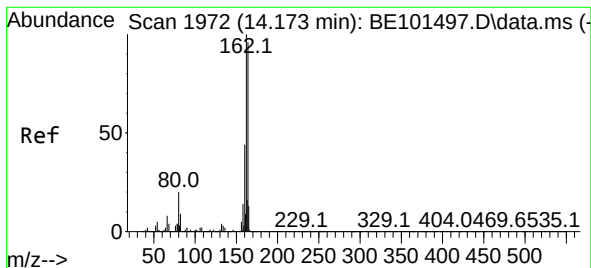
Ion Ratio Lower Upper

122 100

105 107.5 100.6 140.6

77 88.2 68.6 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.169 min Scan# 1972

Delta R.T. -0.004 min

Lab File: BE101530.D

Acq: 7 Nov 2024 14:31

Instrument :

BNA_E

ClientSampleId :

CF-613-COMP-17

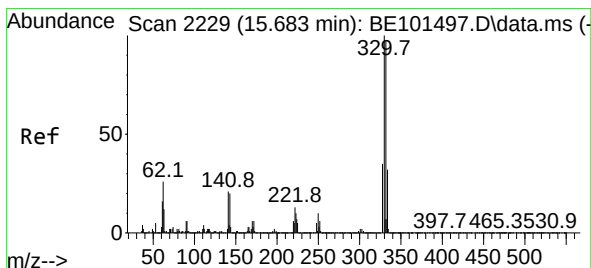
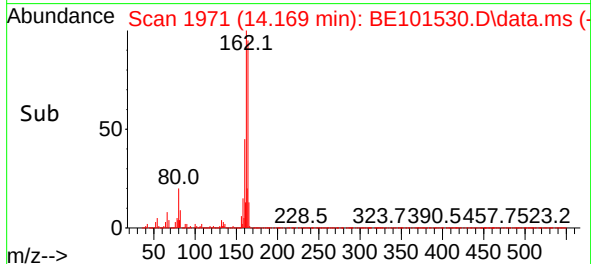
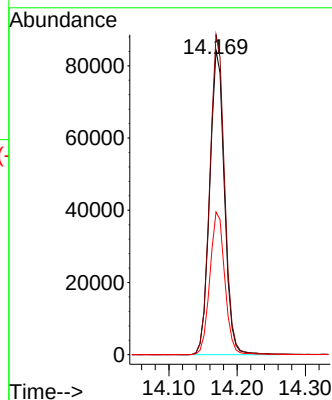
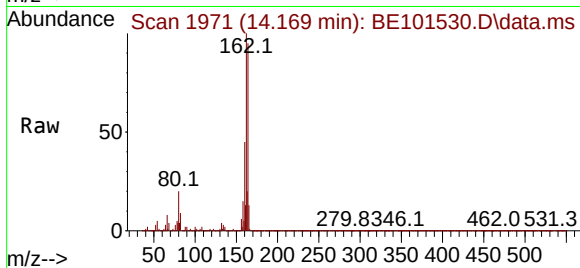
Tgt Ion:164 Resp: 126302

Ion Ratio Lower Upper

164 100

162 105.2 83.7 125.5

160 46.9 37.1 55.7



#42

2,4,6-Tribromophenol

Concen: 169.501 ng

RT: 15.679 min Scan# 2228

Delta R.T. -0.004 min

Lab File: BE101530.D

Acq: 7 Nov 2024 14:31

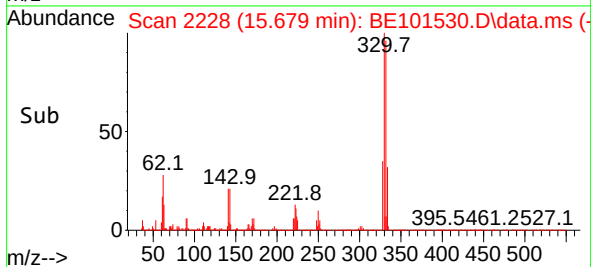
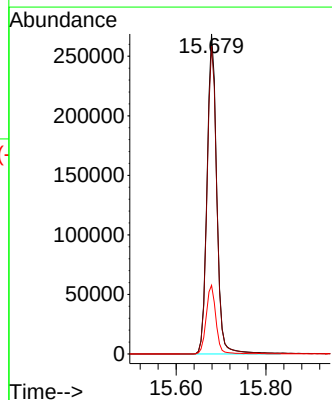
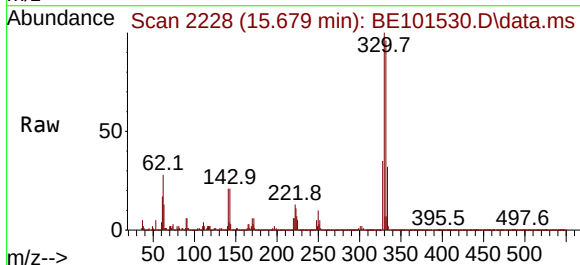
Tgt Ion:330 Resp: 402839

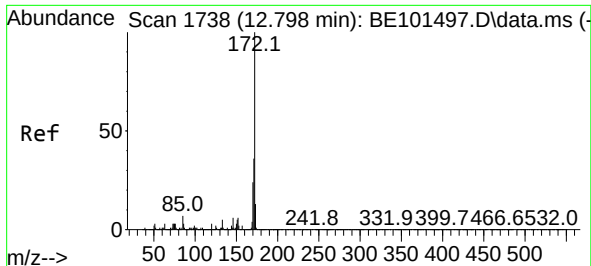
Ion Ratio Lower Upper

330 100

332 97.5 77.7 116.5

141 21.5 17.0 25.4

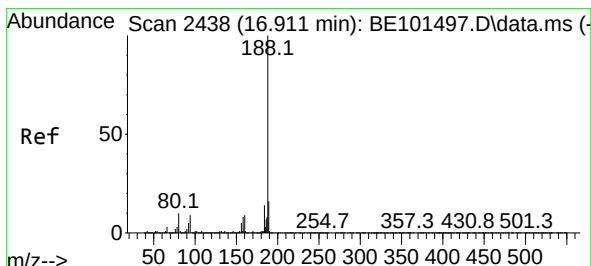
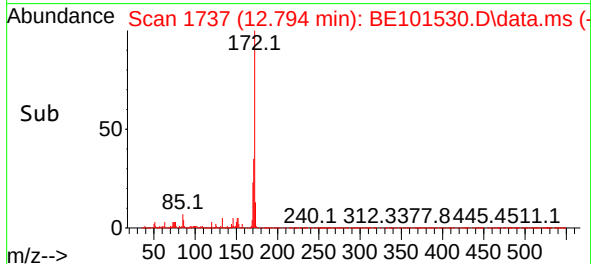
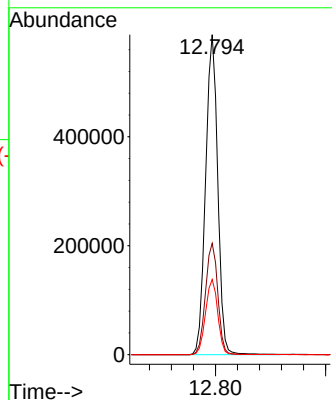
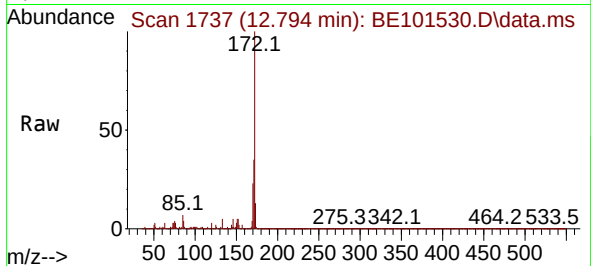




#45
2-Fluorobiphenyl
Concen: 115.897 ng
RT: 12.794 min Scan# 11
Delta R.T. -0.004 min
Lab File: BE101530.D
Acq: 7 Nov 2024 14:31

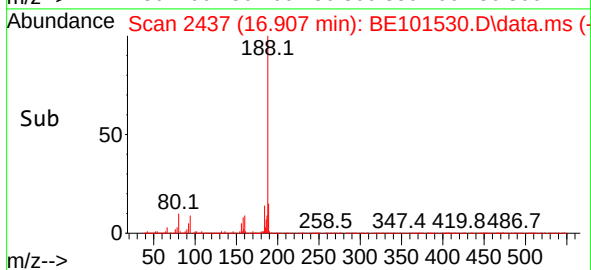
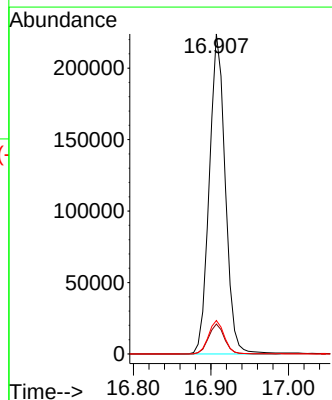
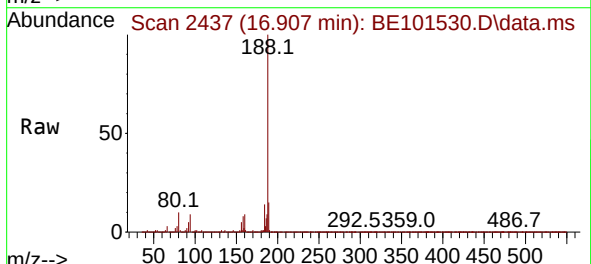
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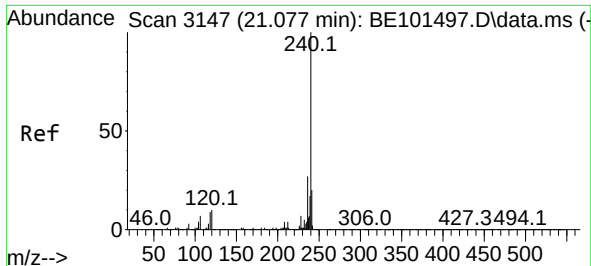
Tgt Ion:172 Resp: 896499
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 23.5 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2437
Delta R.T. -0.004 min
Lab File: BE101530.D
Acq: 7 Nov 2024 14:31

Tgt Ion:188 Resp: 320318
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.4 8.0 12.0

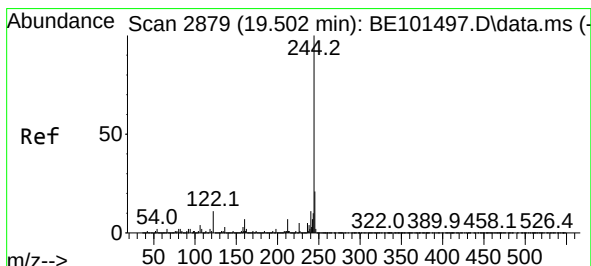
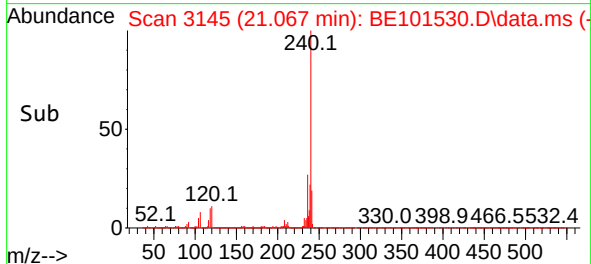
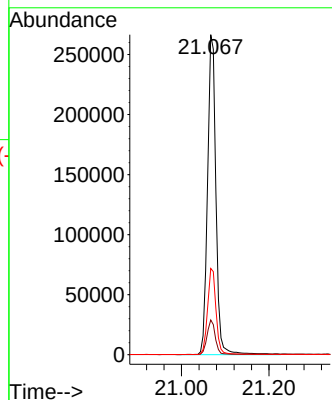
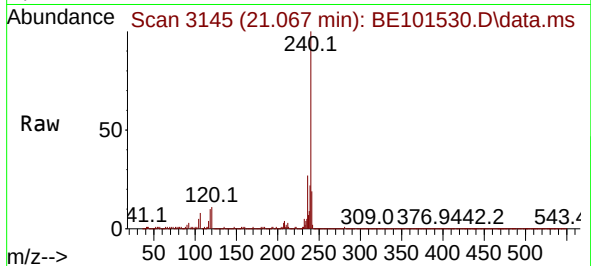




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.067 min Scan# 3147
Delta R.T. -0.010 min
Lab File: BE101530.D
Acq: 7 Nov 2024 14:31

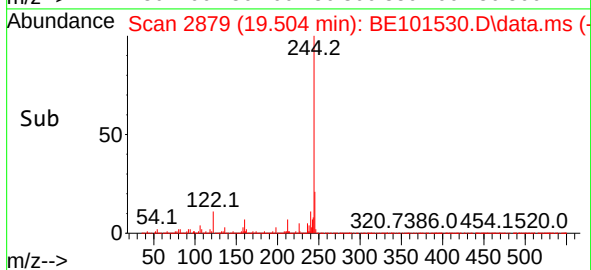
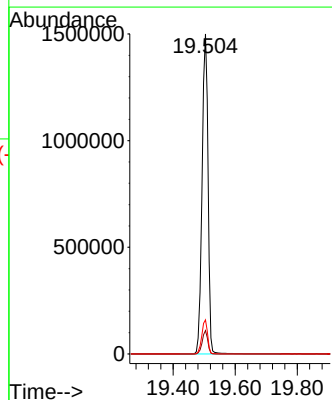
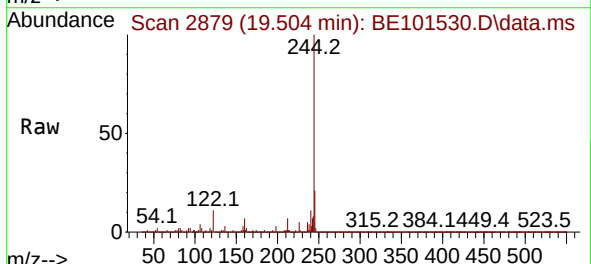
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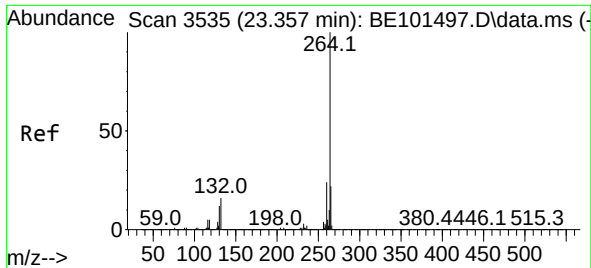
Tgt Ion:240 Resp: 355224
Ion Ratio Lower Upper
240 100
120 10.9 8.2 12.4
236 27.0 21.4 32.2



#79
Terphenyl-d14
Concen: 124.124 ng
RT: 19.504 min Scan# 2879
Delta R.T. 0.002 min
Lab File: BE101530.D
Acq: 7 Nov 2024 14:31

Tgt Ion:244 Resp: 1991901
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.7 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.352 min Scan# 31
Delta R.T. -0.004 min
Lab File: BE101530.D
Acq: 7 Nov 2024 14:31

Instrument :
BNA_E
ClientSampleId :
CF-613-COMP-17

Tgt Ion:264 Resp: 115918

Ion	Ratio	Lower	Upper
264	100		
260	31.9	19.4	29.2#
265	21.8	17.4	26.2

