

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110624\
 Data File : BE101510.D
 Acq On : 6 Nov 2024 00:03
 Operator : RC/JU
 Sample : P4667-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TP-10

Quant Time: Nov 07 01:06:40 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)

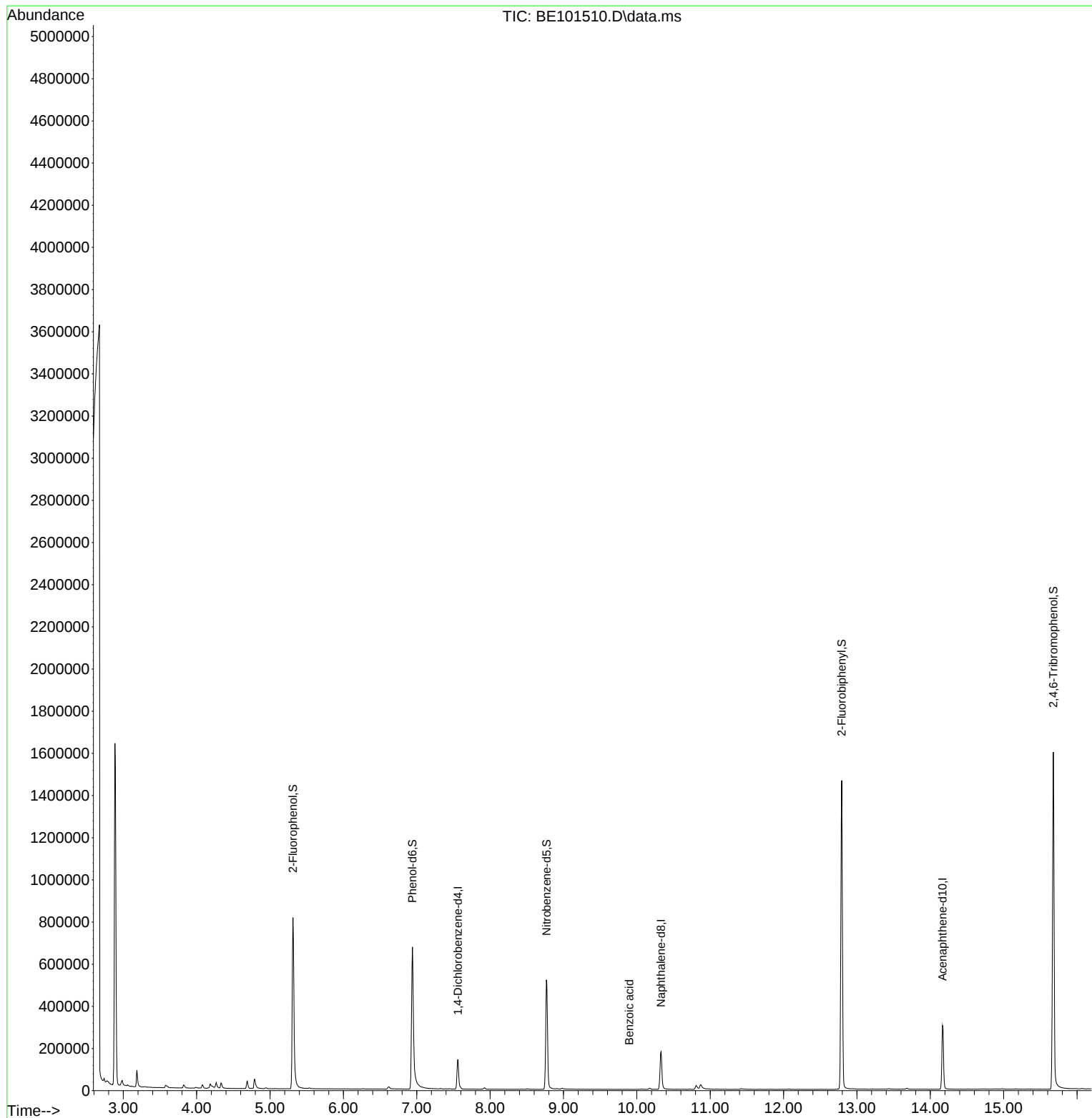
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	40478	20.000	ng	0.00
21) Naphthalene-d8	10.330	136	166705	20.000	ng	0.00
39) Acenaphthene-d10	14.167	164	114664	20.000	ng	0.00
64) Phenanthrene-d10	16.905	188	290228	20.000	ng	0.00
76) Chrysene-d12	21.065	240	389181	20.000	ng	-0.01
86) Perylene-d12	23.350	264	317703	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.313	112	419730	183.348	ng	0.00
7) Phenol-d6	6.940	99	511546	162.978	ng	0.00
23) Nitrobenzene-d5	8.767	82	317325	120.235	ng	0.00
42) 2,4,6-Tribromophenol	15.677	330	409963	190.006	ng	0.00
45) 2-Fluorobiphenyl	12.792	172	787866	112.191	ng	0.00
79) Terphenyl-d14	19.502	244	2164170	123.092	ng	0.00
Target Compounds						
32) Benzoic acid	9.896	122	10	6.839	ng	Qvalue # 1

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

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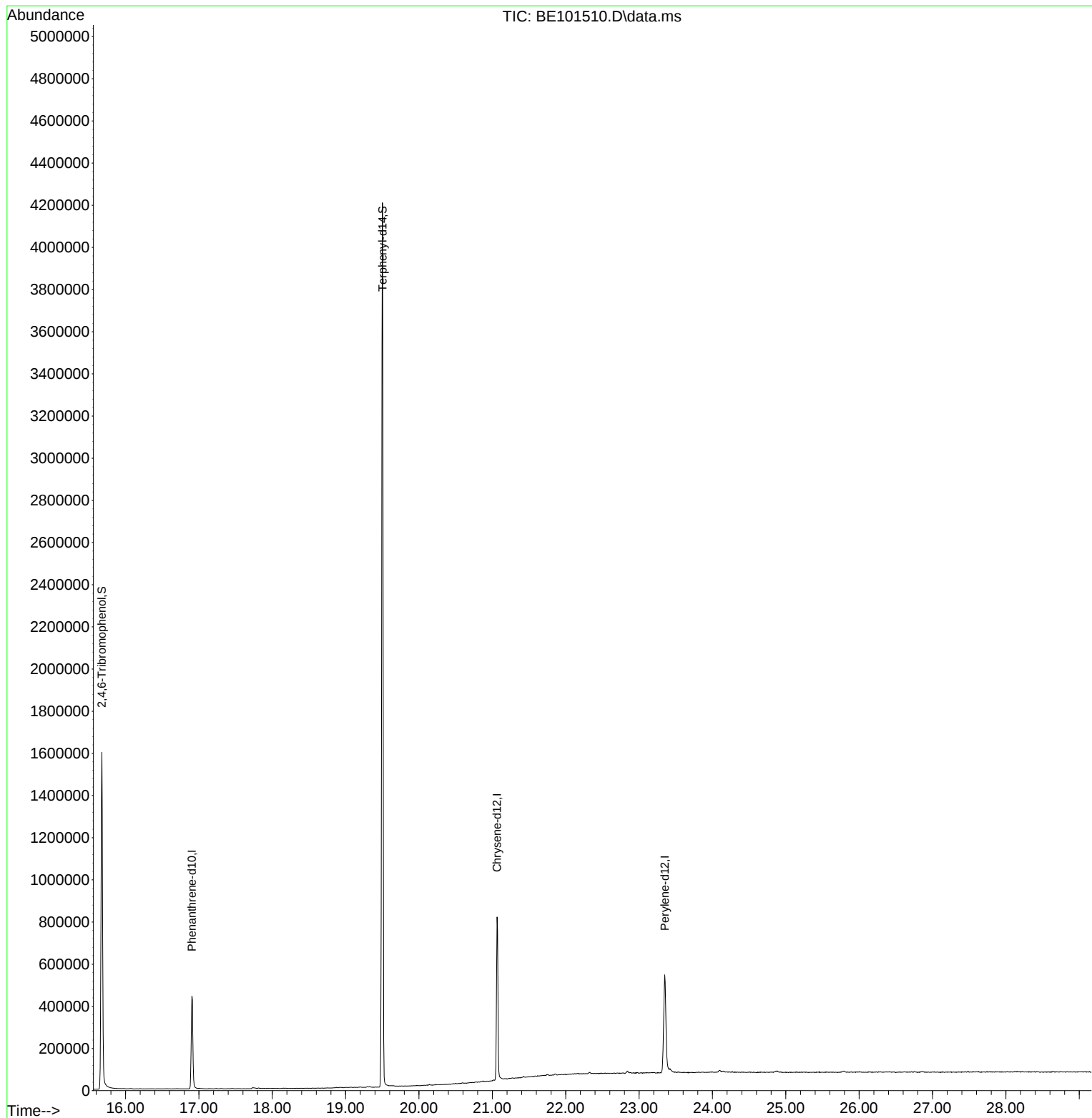
Quant Time: Nov 07 01:06:40 2024
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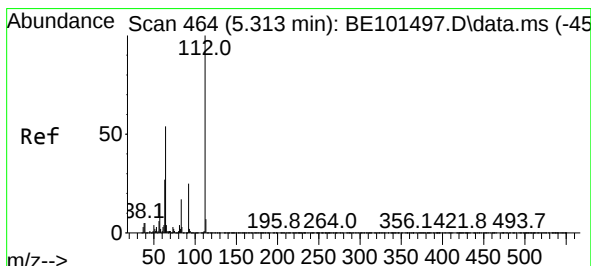
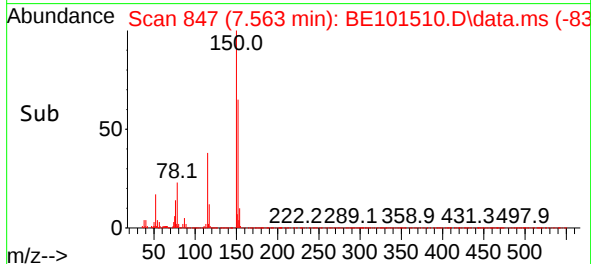
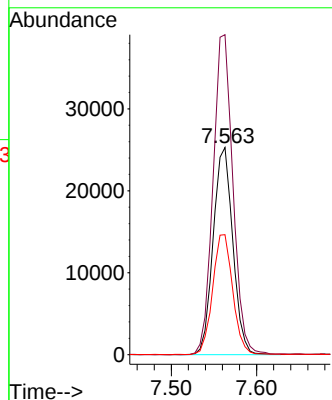
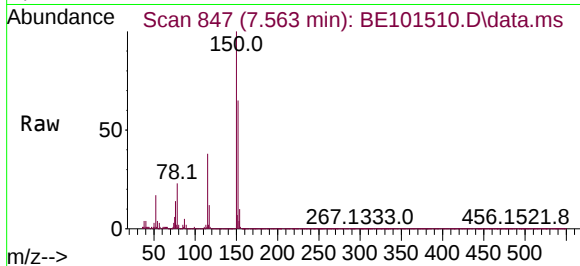




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.563 min Scan# 847
Delta R.T. -0.000 min
Lab File: BE101510.D
Acq: 6 Nov 2024 00:03

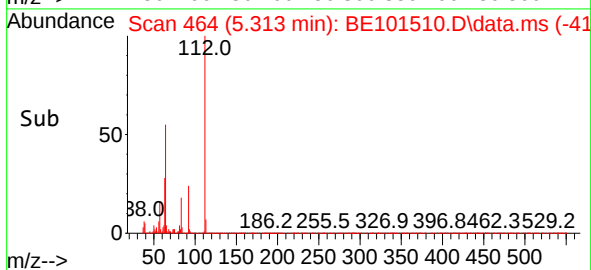
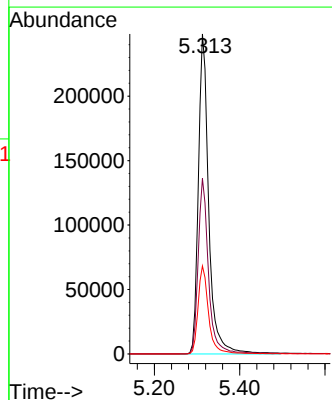
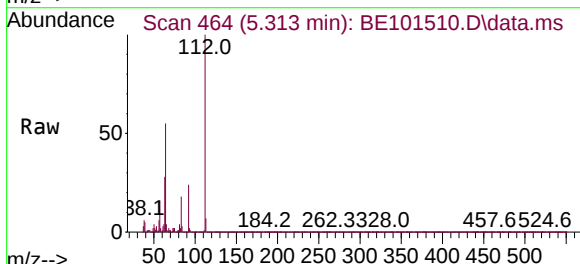
Instrument :
BNA_E
ClientSampleId :
TP-10

Tgt Ion:152 Resp: 40478
Ion Ratio Lower Upper
152 100
150 154.4 126.3 189.5
115 57.9 45.0 67.4



#5
2-Fluorophenol
Concen: 183.348 ng
RT: 5.313 min Scan# 464
Delta R.T. -0.000 min
Lab File: BE101510.D
Acq: 6 Nov 2024 00:03

Tgt Ion:112 Resp: 419730
Ion Ratio Lower Upper
112 100
64 54.8 43.2 64.8
63 27.5 21.8 32.6

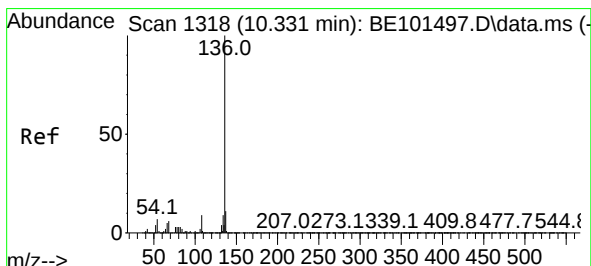
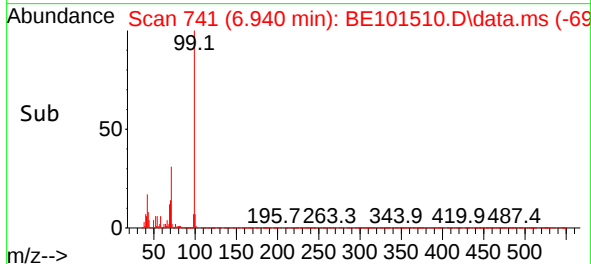
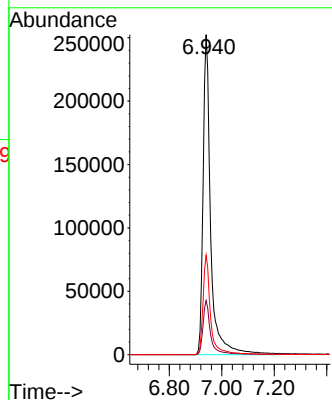
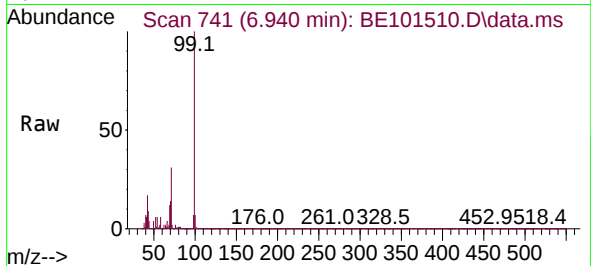




#7
Phenol-d6
Concen: 162.978 ng
RT: 6.940 min Scan# 741
Delta R.T. -0.006 min
Lab File: BE101510.D
Acq: 6 Nov 2024 00:03

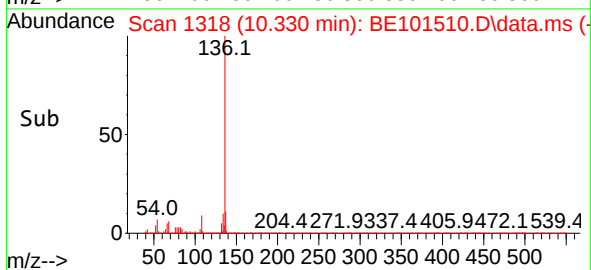
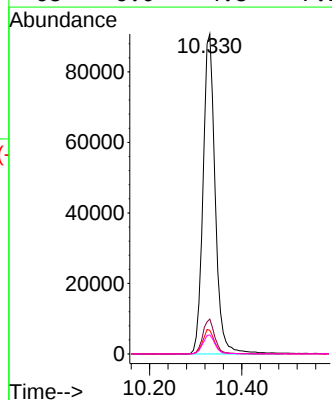
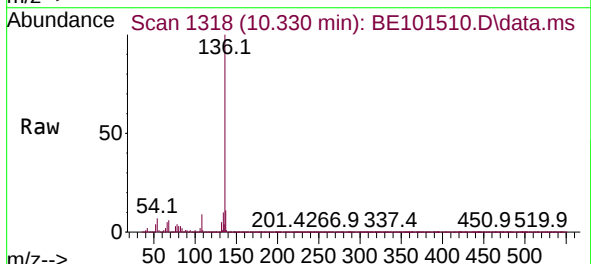
Instrument :
BNA_E
ClientSampleId :
TP-10

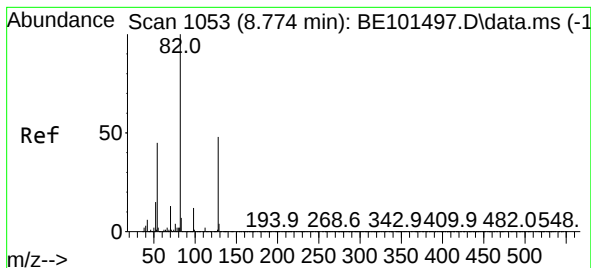
Tgt Ion: 99 Resp: 511546
Ion Ratio Lower Upper
99 100
42 16.9 12.5 18.7
71 31.1 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.330 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BE101510.D
Acq: 6 Nov 2024 00:03

Tgt Ion:136 Resp: 166705
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.4 5.6 8.4
68 6.0 4.8 7.2

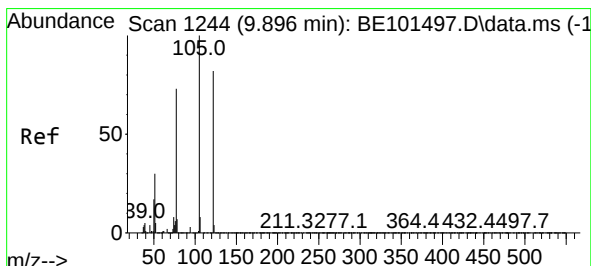
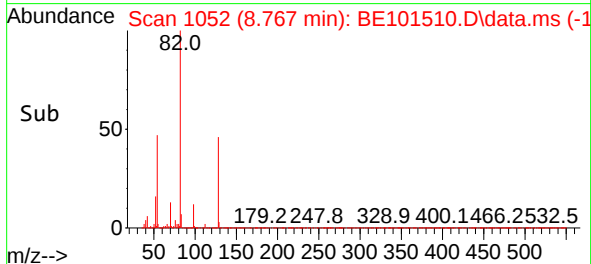
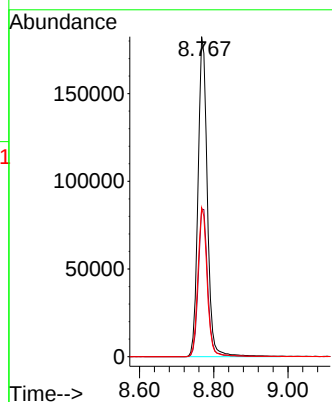
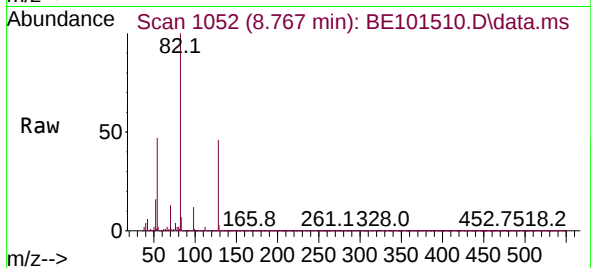




#23
Nitrobenzene-d5
Concen: 120.235 ng
RT: 8.767 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BE101510.D
Acq: 6 Nov 2024 00:03

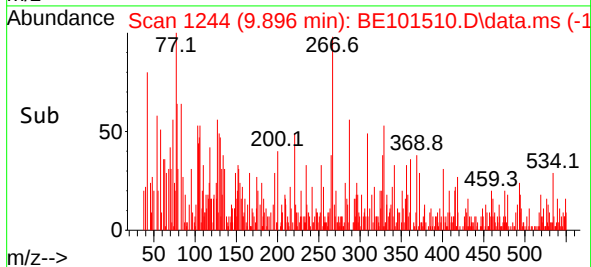
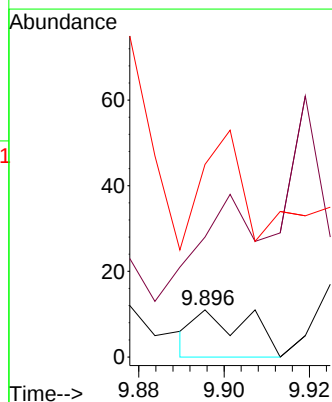
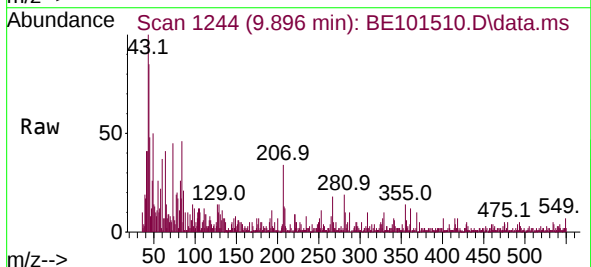
Instrument :
BNA_E
ClientSampleId :
TP-10

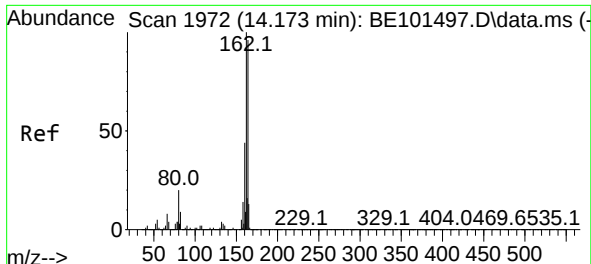
Tgt Ion: 82 Resp: 317325
Ion Ratio Lower Upper
82 100
128 46.2 38.6 58.0
54 46.6 36.3 54.5



#32
Benzoic acid
Concen: 6.839 ng
RT: 9.896 min Scan# 1244
Delta R.T. -0.000 min
Lab File: BE101510.D
Acq: 6 Nov 2024 00:03

Tgt Ion:122 Resp: 10
Ion Ratio Lower Upper
122 100
105 254.5 100.6 140.6#
77 409.1 68.6 108.6#

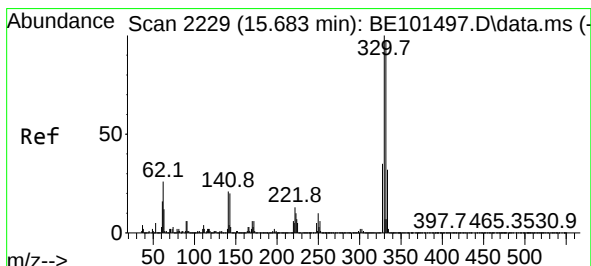
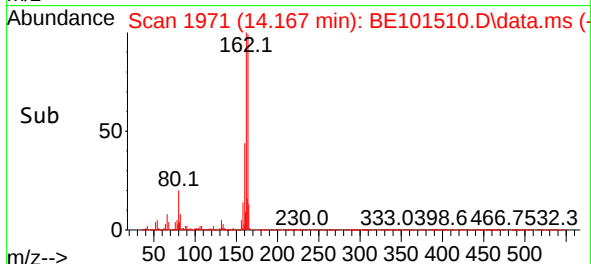
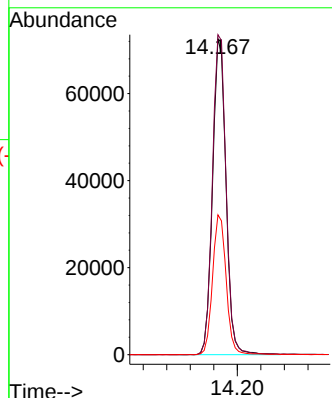
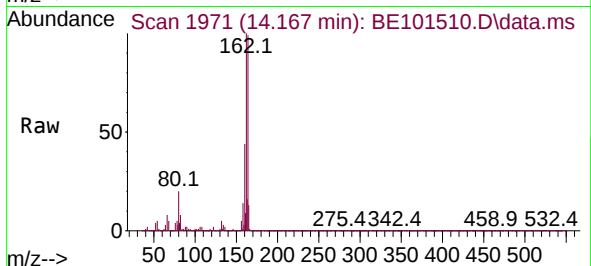




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.167 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BE101510.D
Acq: 6 Nov 2024 00:03

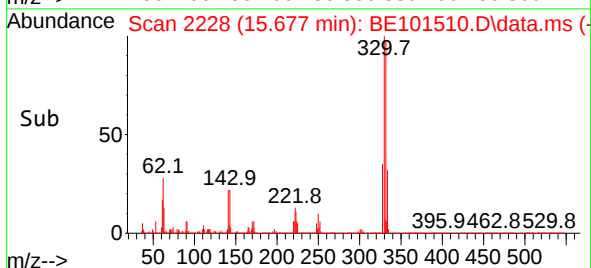
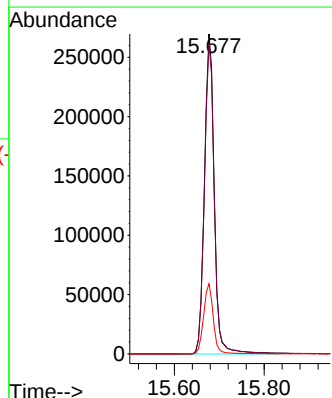
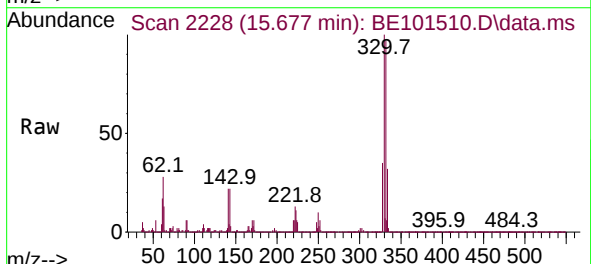
Instrument :
BNA_E
ClientSampleId :
TP-10

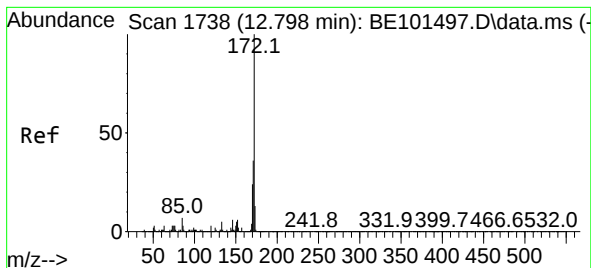
Tgt Ion:164 Resp: 114664
Ion Ratio Lower Upper
164 100
162 101.3 83.7 125.5
160 44.3 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 190.006 ng
RT: 15.677 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BE101510.D
Acq: 6 Nov 2024 00:03

Tgt Ion:330 Resp: 409963
Ion Ratio Lower Upper
330 100
332 97.4 77.7 116.5
141 21.9 17.0 25.4





#45

2-Fluorobiphenyl

Concen: 112.191 ng

RT: 12.792 min Scan# 1

Delta R.T. -0.006 min

Lab File: BE101510.D

Acq: 6 Nov 2024 00:03

Instrument :

BNA_E

ClientSampleId :

TP-10

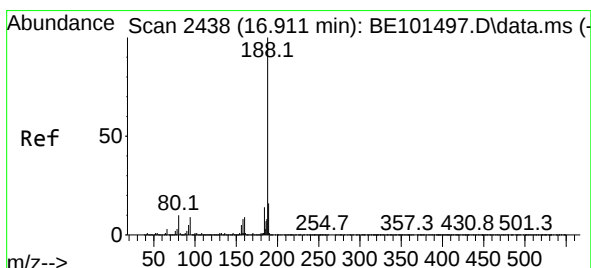
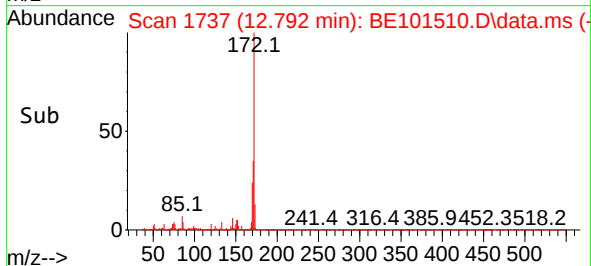
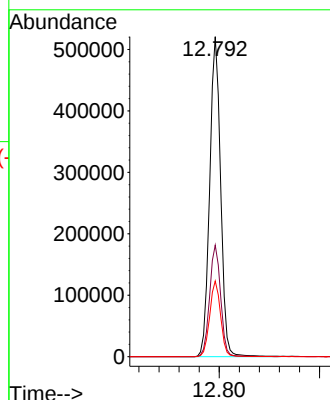
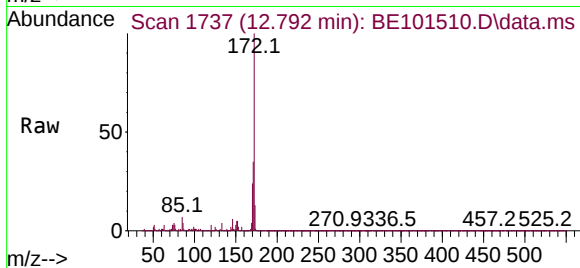
Tgt Ion:172 Resp: 787866

Ion Ratio Lower Upper

172 100

171 34.9 28.6 43.0

170 23.6 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.905 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BE101510.D

Acq: 6 Nov 2024 00:03

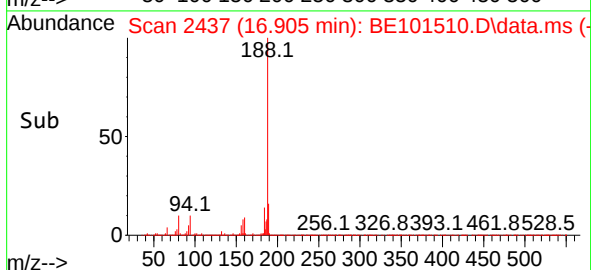
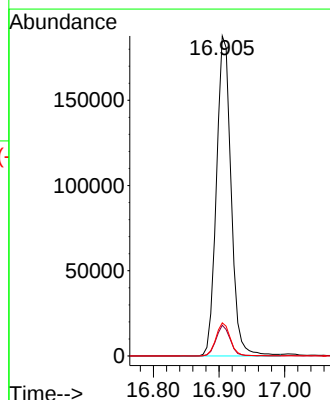
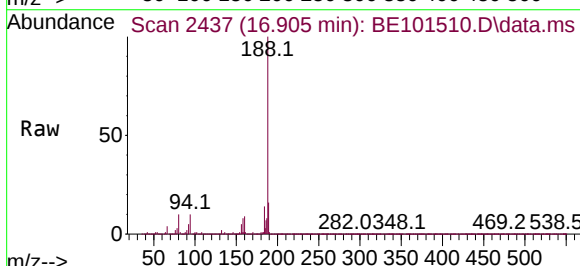
Tgt Ion:188 Resp: 290228

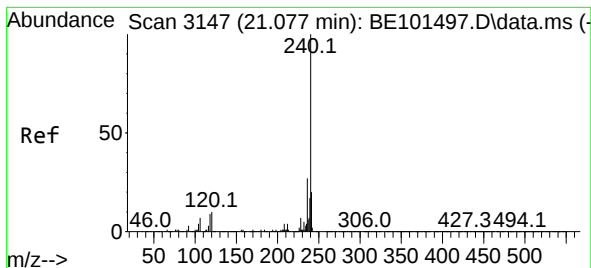
Ion Ratio Lower Upper

188 100

94 9.6 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: BE101510.D

Acq: 6 Nov 2024 00:03

Instrument :

BNA_E

ClientSampleId :

TP-10

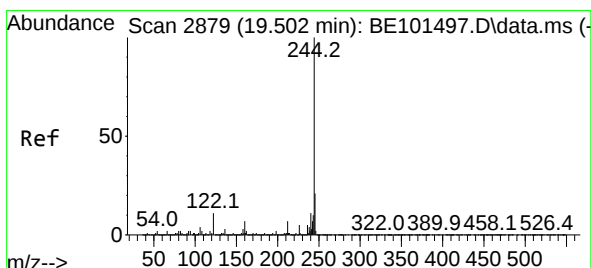
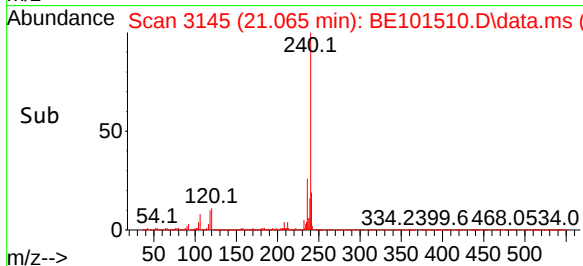
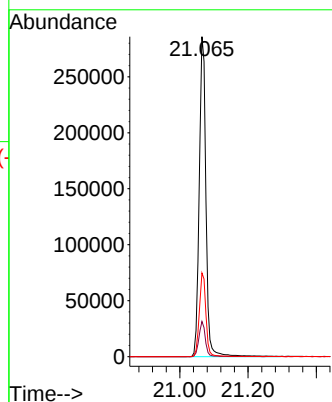
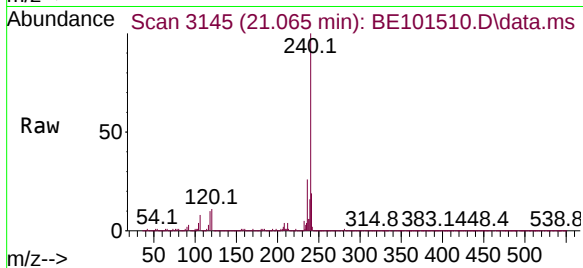
Tgt Ion:240 Resp: 389181

Ion Ratio Lower Upper

240 100

120 11.0 8.2 12.4

236 26.1 21.4 32.2



#79

Terphenyl-d14

Concen: 123.092 ng

RT: 19.502 min Scan# 2879

Delta R.T. -0.000 min

Lab File: BE101510.D

Acq: 6 Nov 2024 00:03

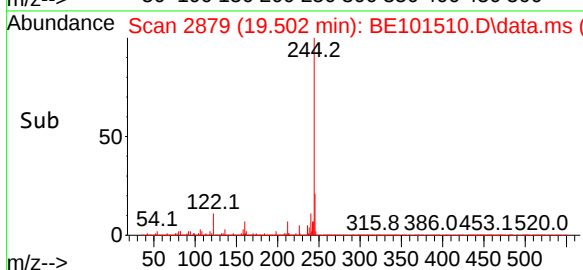
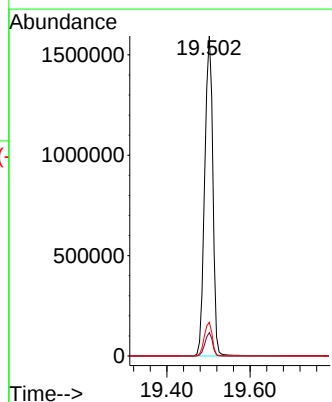
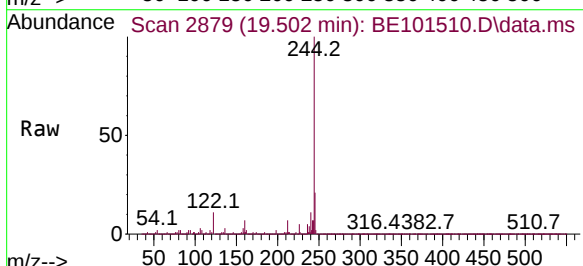
Tgt Ion:244 Resp: 2164170

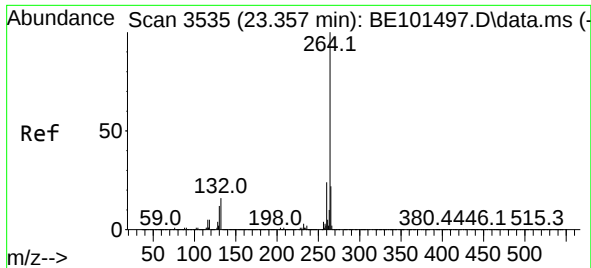
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.5 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.350 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BE101510.D
 Acq: 6 Nov 2024 00:03

Instrument :
 BNA_E
 ClientSampleId :
 TP-10

Tgt Ion:264 Resp: 317703
 Ion Ratio Lower Upper
 264 100
 260 27.0 19.4 29.2
 265 21.1 17.4 26.2

