

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110624\
 Data File : BE101514.D
 Acq On : 7 Nov 2024 2:26
 Operator : RC/JU
 Sample : P4680-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-F26

Quant Time: Nov 07 02:20:51 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)

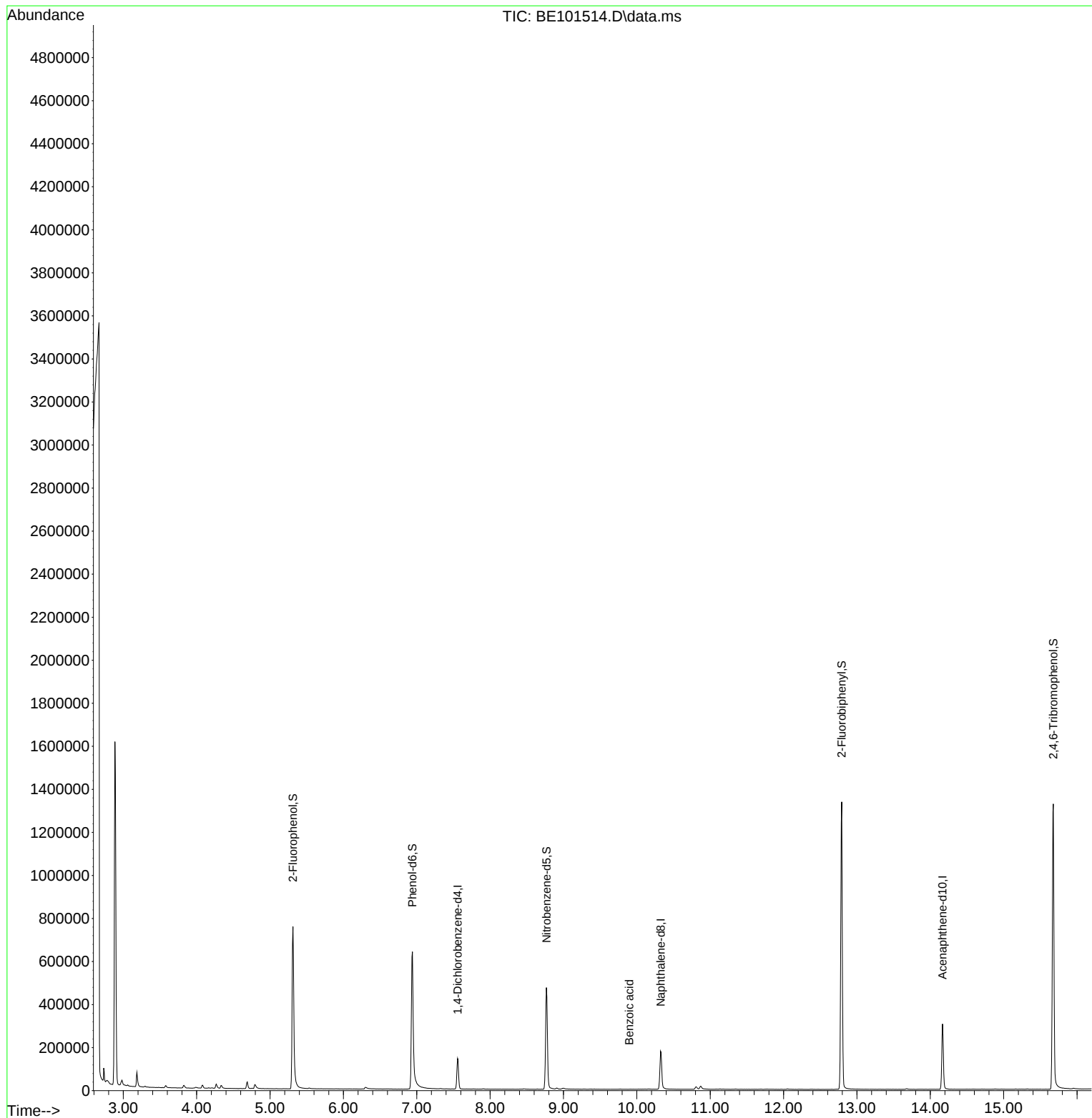
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	40600	20.000	ng	0.00
21) Naphthalene-d8	10.324	136	164818	20.000	ng	0.00
39) Acenaphthene-d10	14.167	164	109250	20.000	ng	0.00
64) Phenanthrene-d10	16.905	188	268649	20.000	ng	0.00
76) Chrysene-d12	21.065	240	412444	20.000	ng	-0.01
86) Perylene-d12	23.350	264	561420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.313	112	392043	170.739	ng	0.00
7) Phenol-d6	6.940	99	468128	148.697	ng	0.00
23) Nitrobenzene-d5	8.767	82	289191	110.830	ng	0.00
42) 2,4,6-Tribromophenol	15.677	330	349052	169.793	ng	0.00
45) 2-Fluorobiphenyl	12.792	172	712737	106.522	ng	0.00
79) Terphenyl-d14	19.502	244	2046205	109.819	ng	0.00
Target Compounds						
32) Benzoic acid	9.896	122	16	6.843	ng	Qvalue # 68

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

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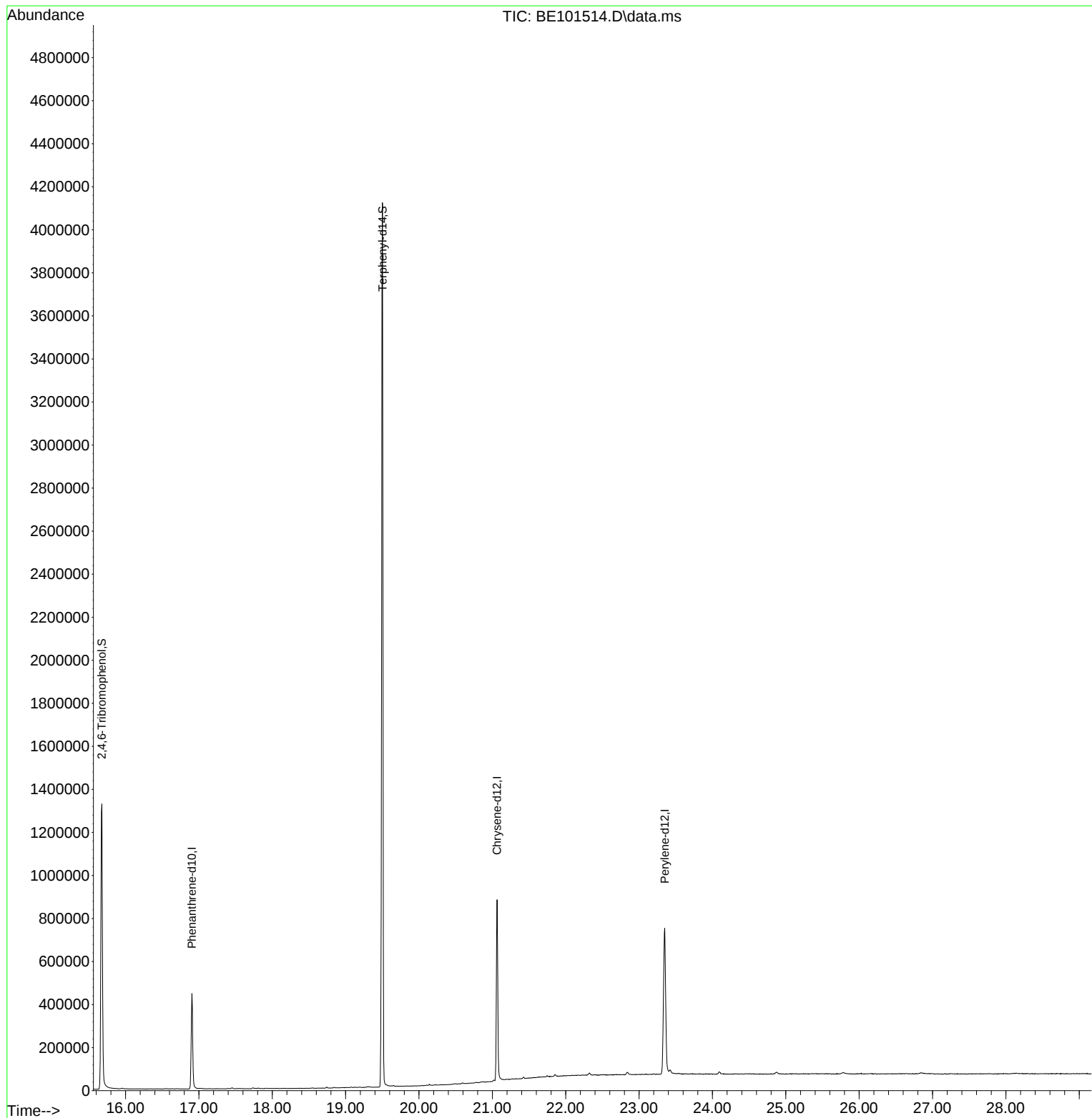
Quant Time: Nov 07 02:20:51 2024
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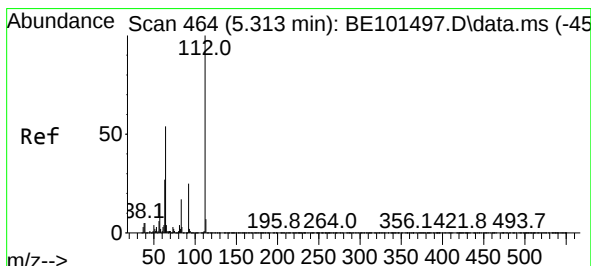
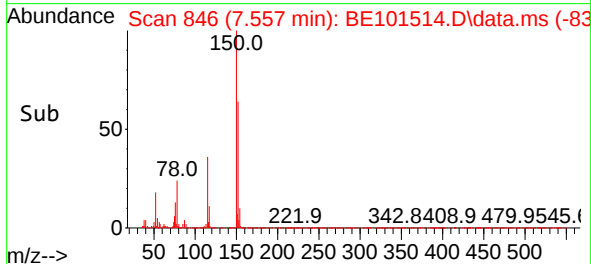
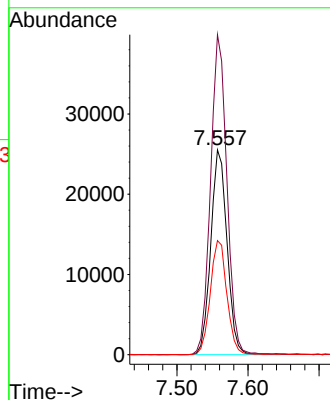
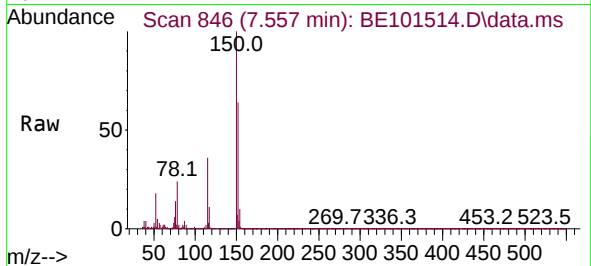




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.557 min Scan# 847
Delta R.T. -0.006 min
Lab File: BE101514.D
Acq: 7 Nov 2024 2:26

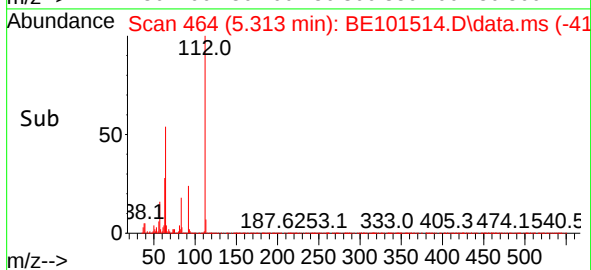
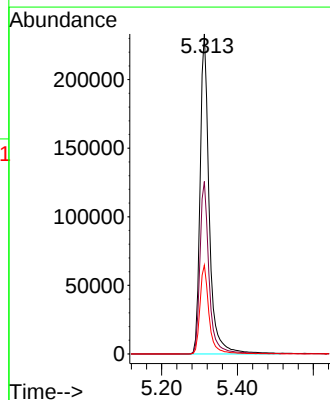
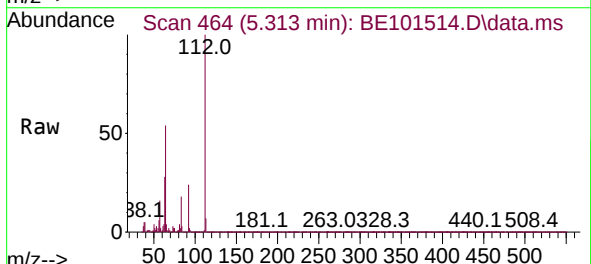
Instrument :
BNA_E
ClientSampleId :
BP-F26

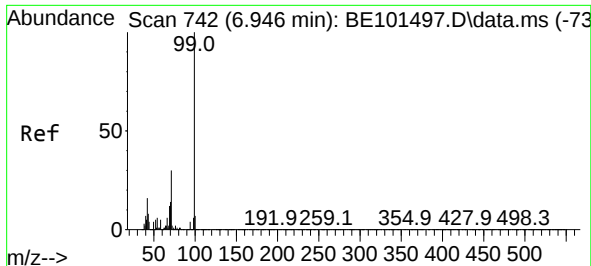
Tgt Ion:152 Resp: 40600
Ion Ratio Lower Upper
152 100
150 156.3 126.3 189.5
115 55.7 45.0 67.4



#5
2-Fluorophenol
Concen: 170.739 ng
RT: 5.313 min Scan# 464
Delta R.T. -0.000 min
Lab File: BE101514.D
Acq: 7 Nov 2024 2:26

Tgt Ion:112 Resp: 392043
Ion Ratio Lower Upper
112 100
64 53.9 43.2 64.8
63 27.8 21.8 32.6

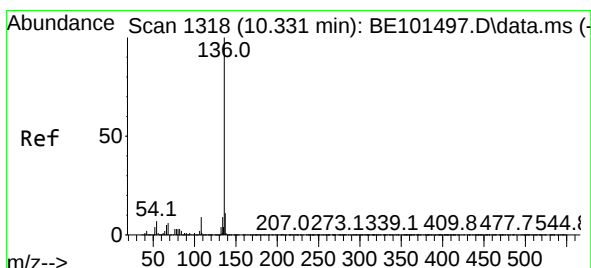
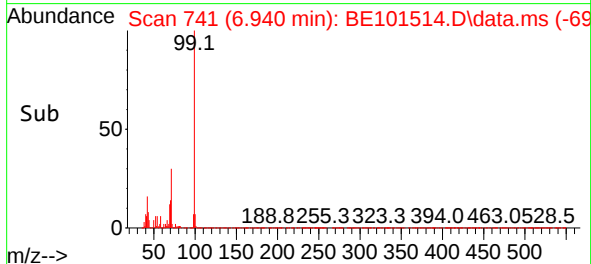
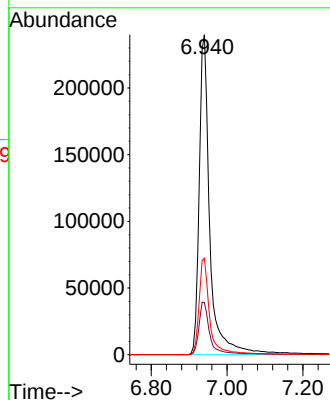
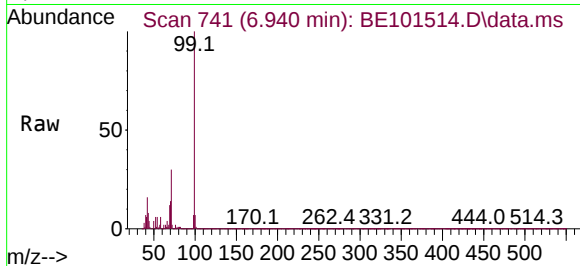




#7
Phenol-d6
Concen: 148.697 ng
RT: 6.940 min Scan# 741
Delta R.T. -0.006 min
Lab File: BE101514.D
Acq: 7 Nov 2024 2:26

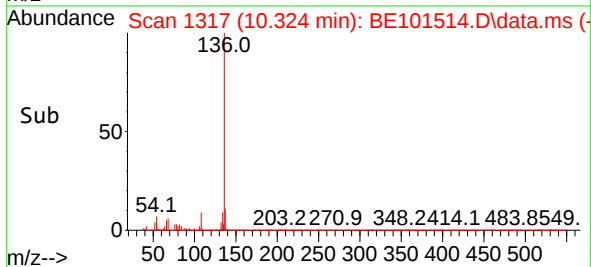
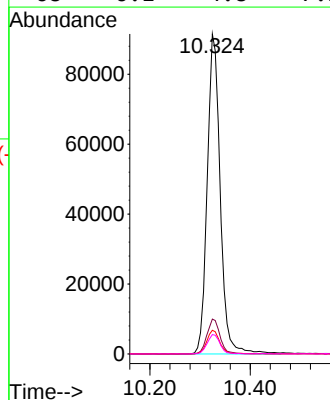
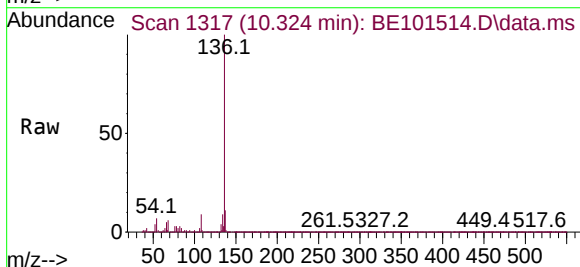
Instrument :
BNA_E
ClientSampleId :
BP-F26

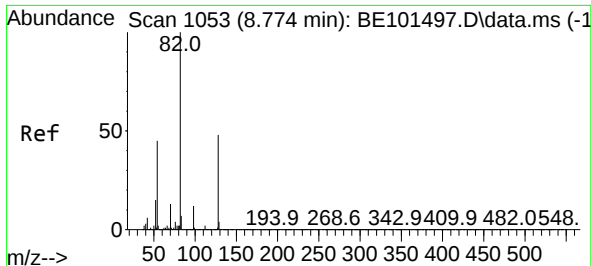
Tgt Ion: 99 Resp: 468128
Ion Ratio Lower Upper
99 100
42 16.4 12.5 18.7
71 30.1 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.324 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BE101514.D
Acq: 7 Nov 2024 2:26

Tgt Ion: 136 Resp: 164818
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.4 5.6 8.4
68 6.1 4.8 7.2

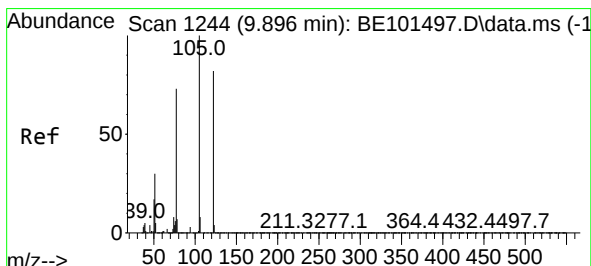
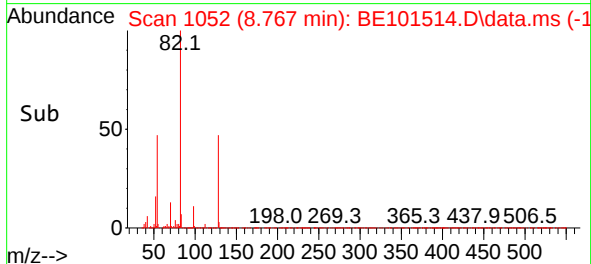
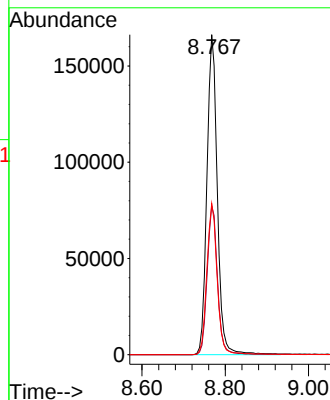
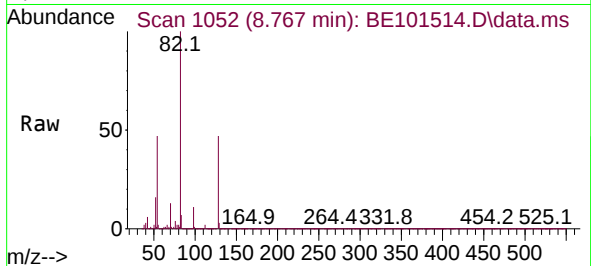




#23
Nitrobenzene-d5
Concen: 110.830 ng
RT: 8.767 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BE101514.D
Acq: 7 Nov 2024 2:26

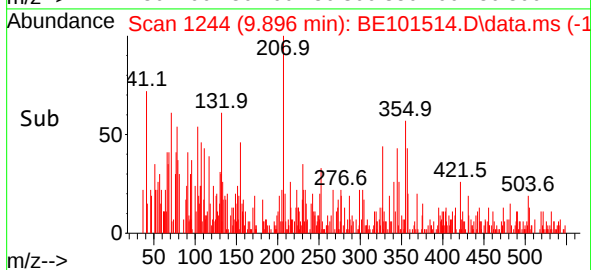
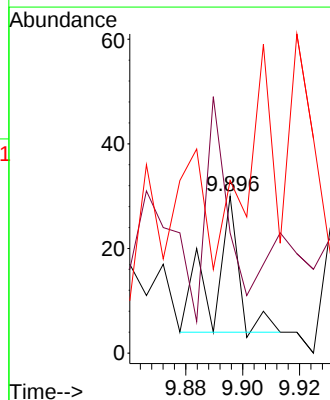
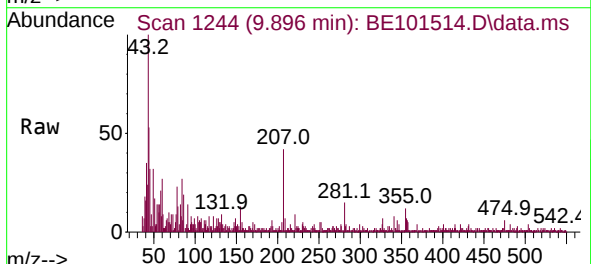
Instrument :
BNA_E
ClientSampleId :
BP-F26

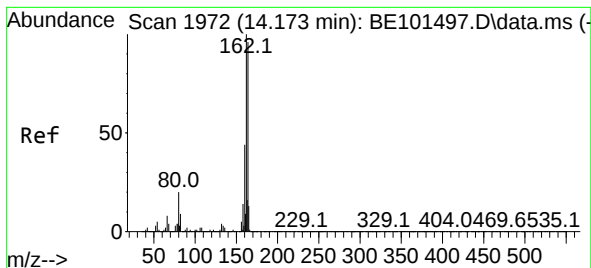
Tgt Ion: 82 Resp: 289191
Ion Ratio Lower Upper
82 100
128 46.6 38.6 58.0
54 47.2 36.3 54.5



#32
Benzoic acid
Concen: 6.843 ng
RT: 9.896 min Scan# 1244
Delta R.T. -0.000 min
Lab File: BE101514.D
Acq: 7 Nov 2024 2:26

Tgt Ion: 122 Resp: 16
Ion Ratio Lower Upper
122 100
105 76.7 100.6 140.6#
77 110.0 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: BE101514.D

Acq: 7 Nov 2024 2:26

Instrument :

BNA_E

ClientSampleId :

BP-F26

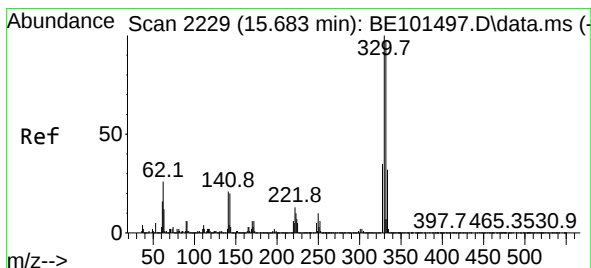
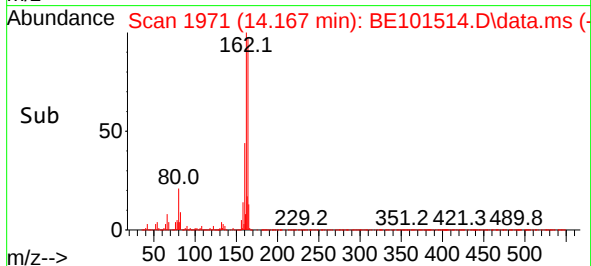
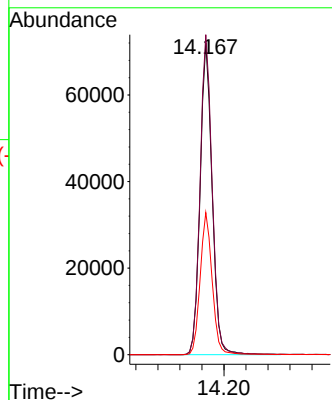
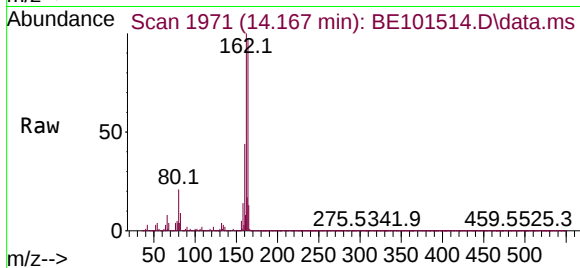
Tgt Ion:164 Resp: 109250

Ion Ratio Lower Upper

164 100

162 102.6 83.7 125.5

160 45.6 37.1 55.7



#42

2,4,6-Tribromophenol

Concen: 169.793 ng

RT: 15.677 min Scan# 2228

Delta R.T. -0.006 min

Lab File: BE101514.D

Acq: 7 Nov 2024 2:26

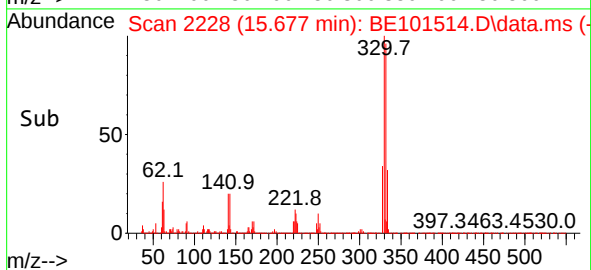
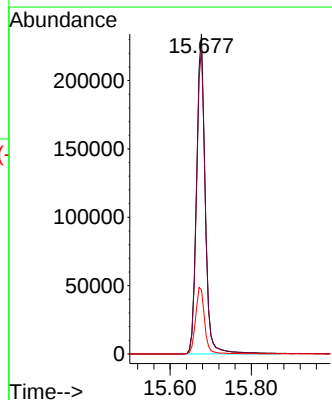
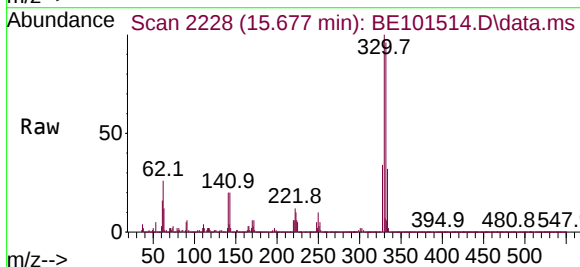
Tgt Ion:330 Resp: 349052

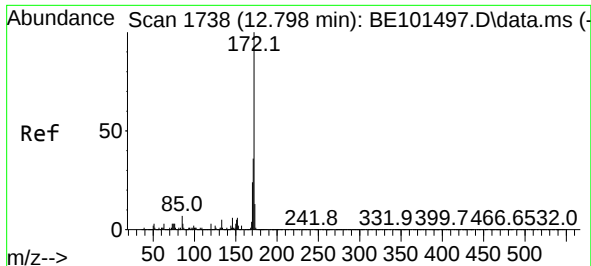
Ion Ratio Lower Upper

330 100

332 97.0 77.7 116.5

141 21.7 17.0 25.4

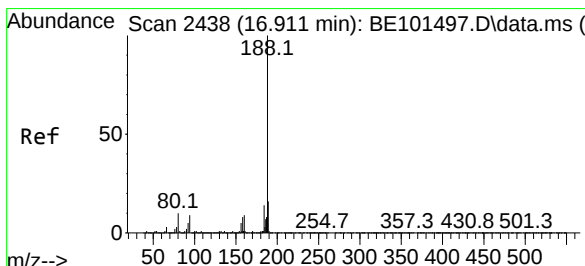
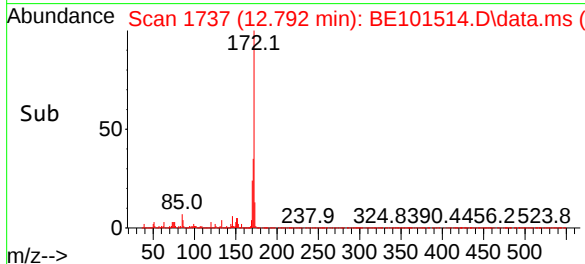
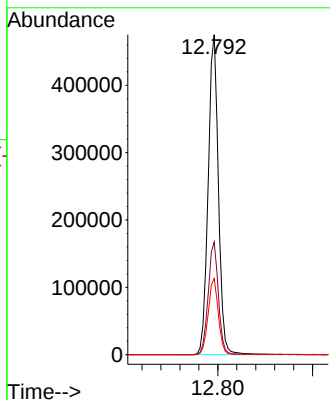
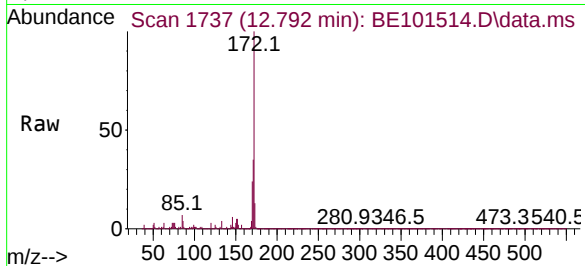




#45
2-Fluorobiphenyl
Concen: 106.522 ng
RT: 12.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BE101514.D
Acq: 7 Nov 2024 2:26

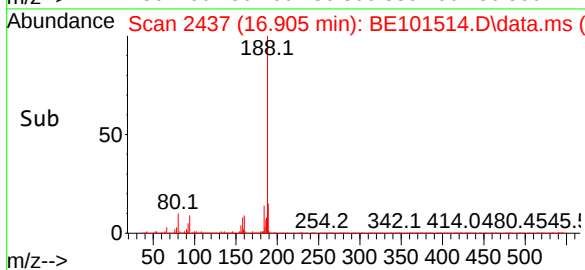
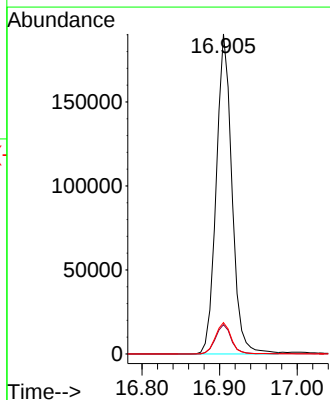
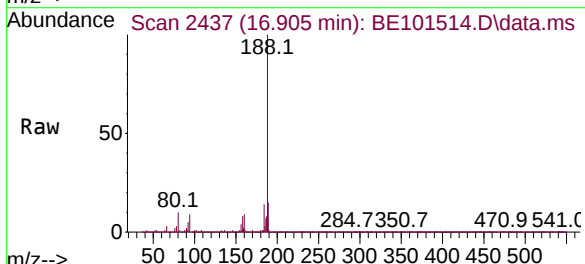
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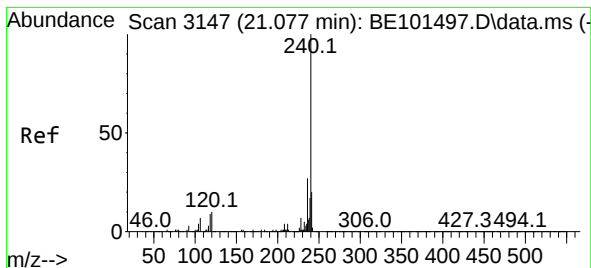
Tgt Ion:172 Resp: 712737
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.8 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.905 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BE101514.D
Acq: 7 Nov 2024 2:26

Tgt Ion:188 Resp: 268649
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.8 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: BE101514.D

Acq: 7 Nov 2024 2:26

Instrument :

BNA_E

ClientSampleId :

BP-F26

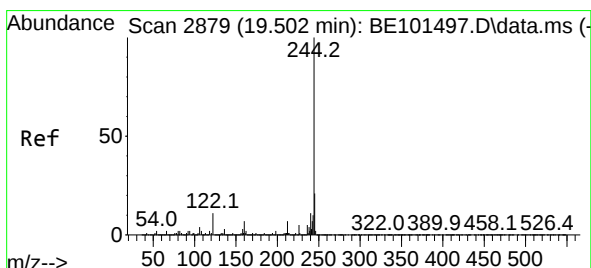
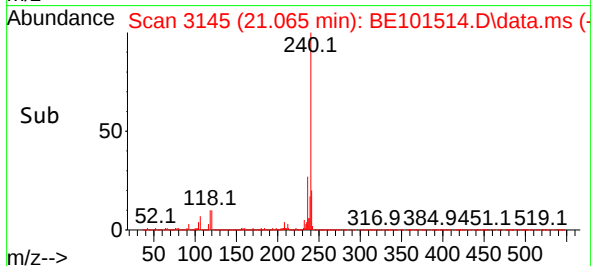
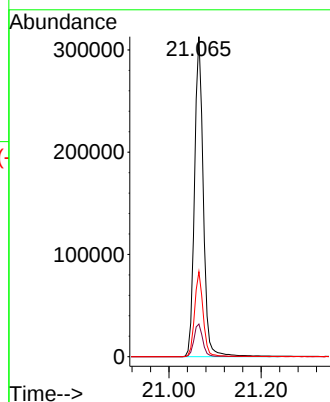
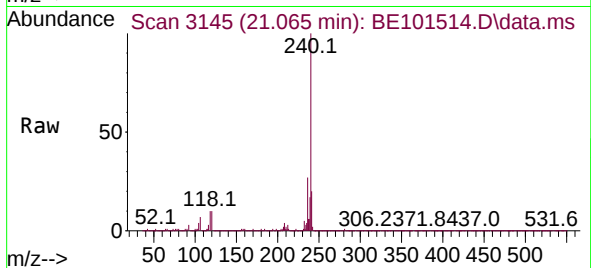
Tgt Ion:240 Resp: 412444

Ion Ratio Lower Upper

240 100

120 10.2 8.2 12.4

236 26.5 21.4 32.2



#79

Terphenyl-d14

Concen: 109.819 ng

RT: 19.502 min Scan# 2879

Delta R.T. -0.000 min

Lab File: BE101514.D

Acq: 7 Nov 2024 2:26

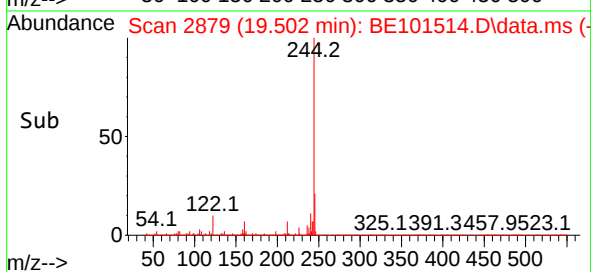
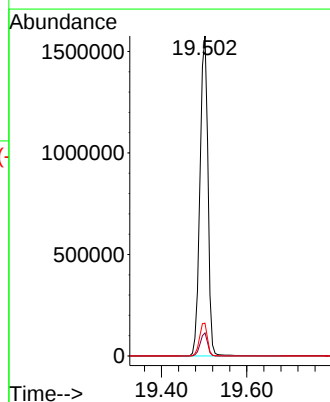
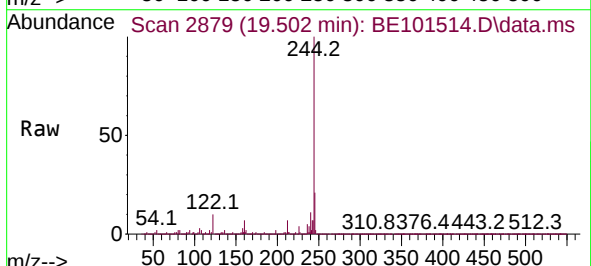
Tgt Ion:244 Resp: 2046205

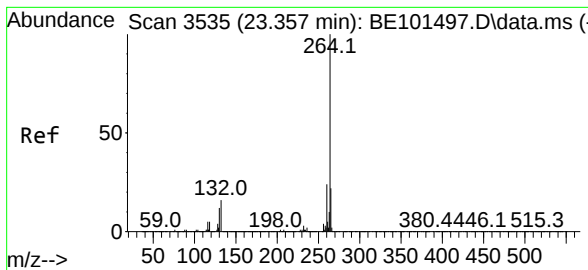
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.2 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: BE101514.D
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Instrument :
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Tgt Ion:	264	Resp:	561420
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.2	17.4	26.2

