

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110724\
 Data File : BE101533.D
 Acq On : 7 Nov 2024 16:19
 Operator : RC/JU
 Sample : P4680-04RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-F26

Quant Time: Nov 07 16:30:01 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)

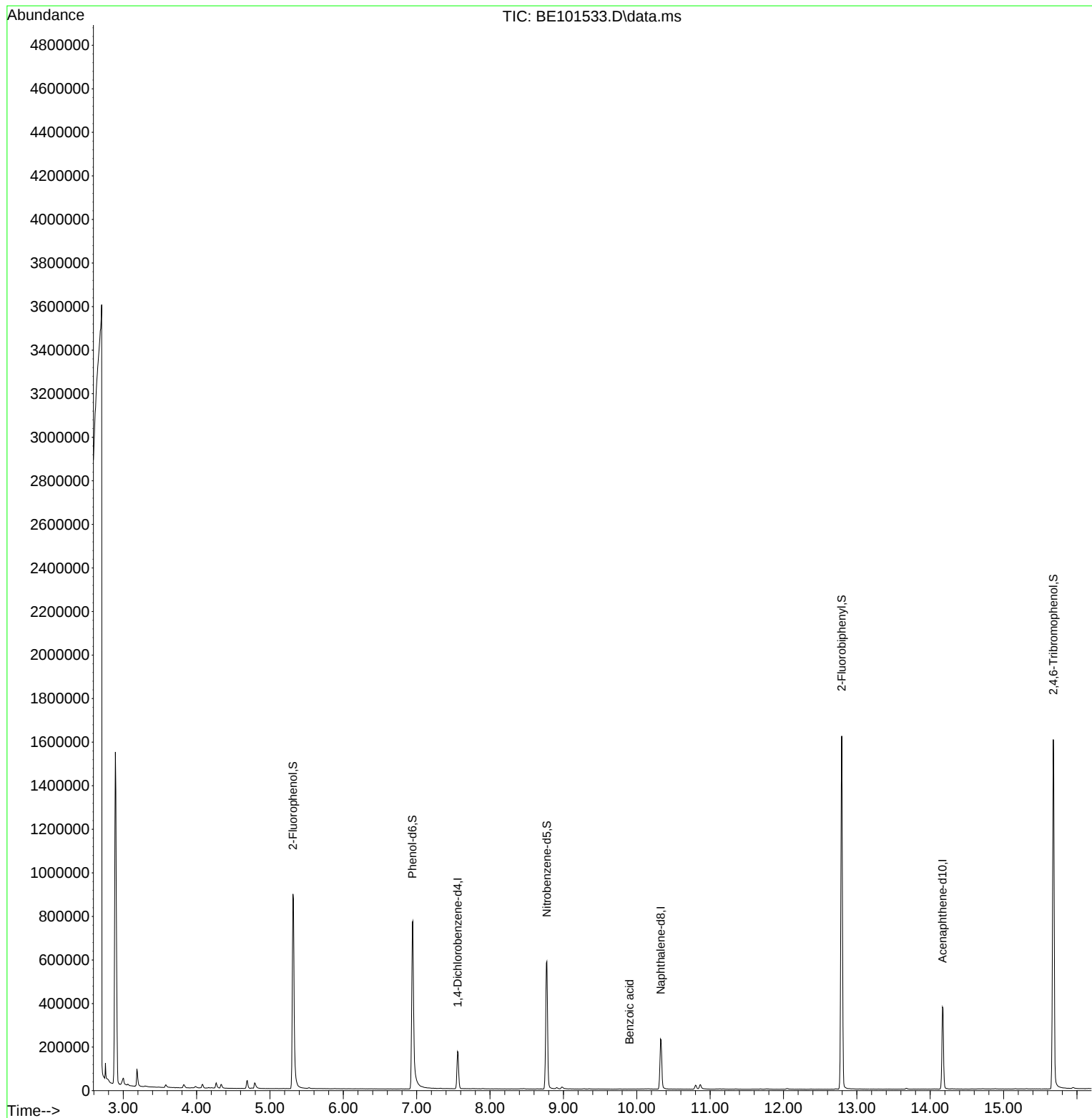
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	49424	20.000	ng	0.00
21) Naphthalene-d8	10.325	136	209567	20.000	ng	0.00
39) Acenaphthene-d10	14.168	164	136302	20.000	ng	0.00
64) Phenanthrene-d10	16.906	188	319261	20.000	ng	0.00
76) Chrysene-d12	21.066	240	395210	20.000	ng	-0.01
86) Perylene-d12	23.351	264	526168	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.314	112	475423	170.086	ng	0.00
7) Phenol-d6	6.941	99	581368	151.697	ng	0.00
23) Nitrobenzene-d5	8.774	82	364388	109.829	ng	0.00
42) 2,4,6-Tribromophenol	15.678	330	426167	166.161	ng	0.00
45) 2-Fluorobiphenyl	12.793	172	880146	105.435	ng	0.00
79) Terphenyl-d14	19.503	244	2036010	114.036	ng	0.00
Target Compounds						
32) Benzoic acid	9.902	122	15	6.840	ng	Qvalue # 61

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

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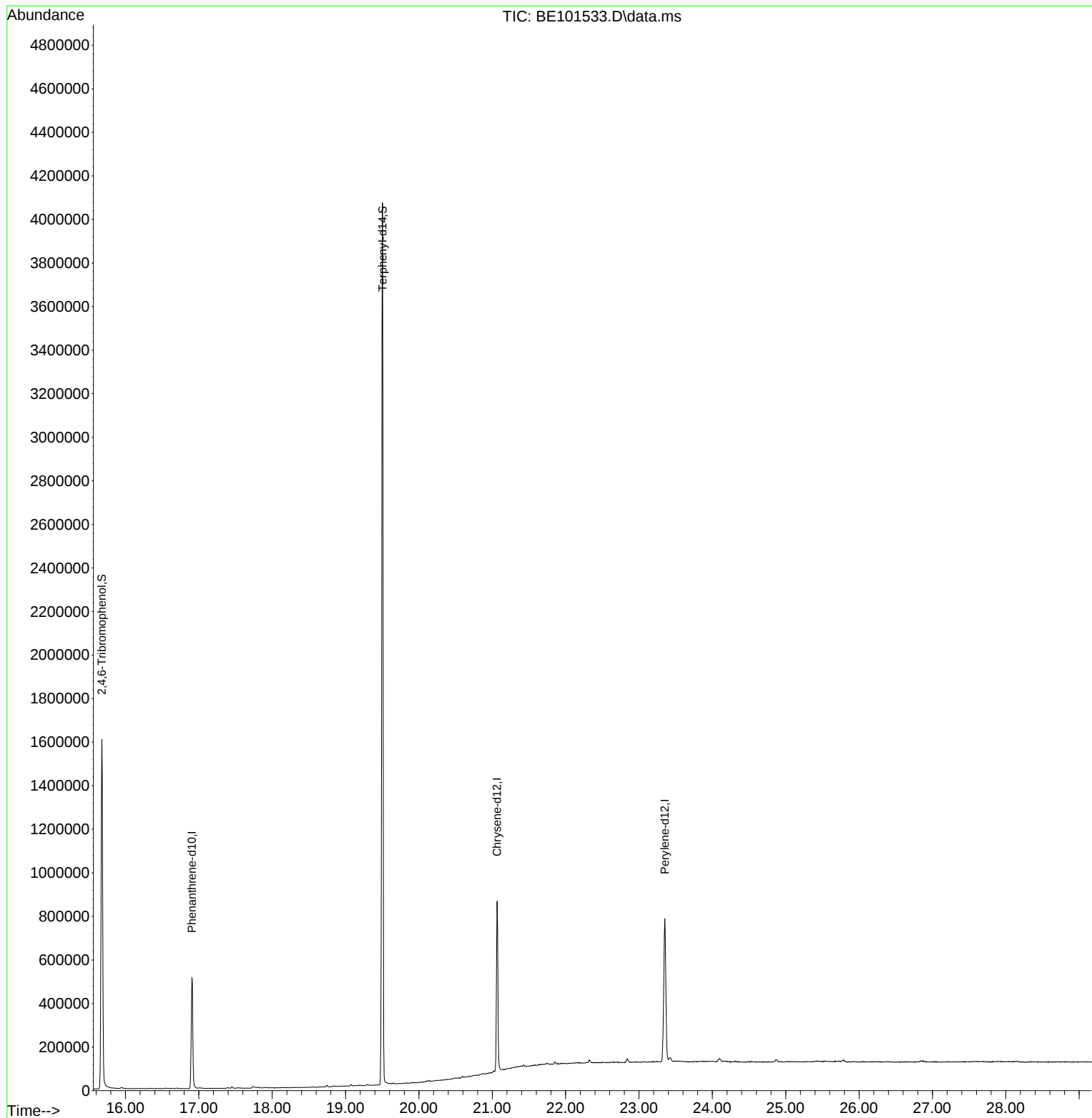
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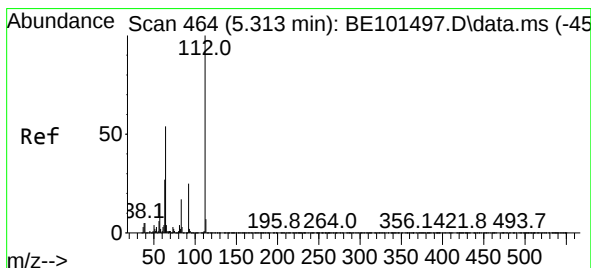
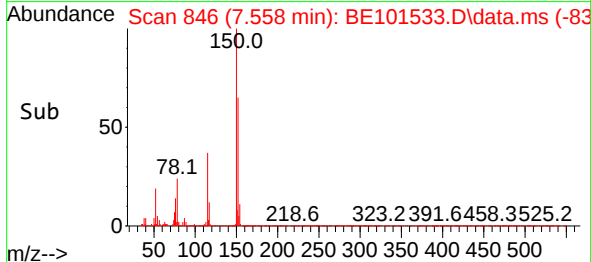
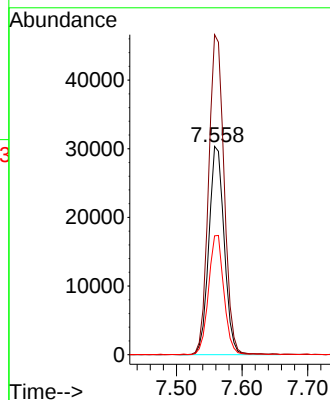
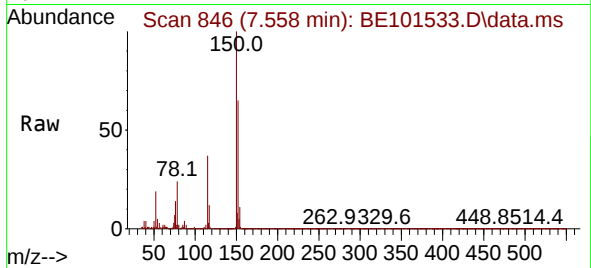




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.558 min Scan# 847
Delta R.T. -0.005 min
Lab File: BE101533.D
Acq: 7 Nov 2024 16:19

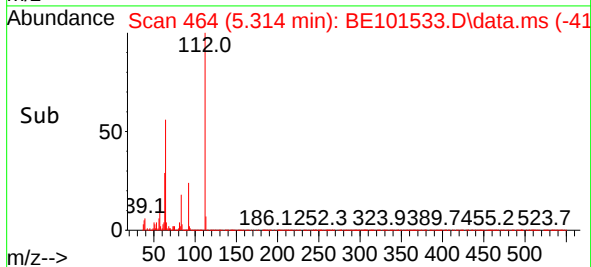
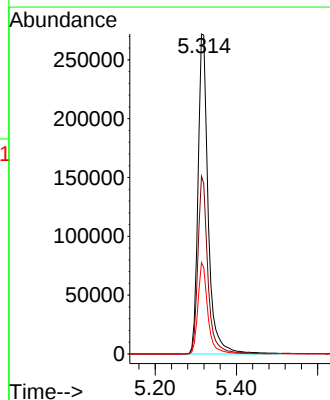
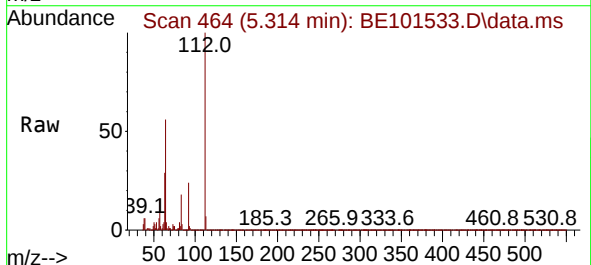
Instrument :
BNA_E
ClientSampleId :
BP-F26

Tgt Ion:152 Resp: 49424
Ion Ratio Lower Upper
152 100
150 153.6 126.3 189.5
115 57.1 45.0 67.4



#5
2-Fluorophenol
Concen: 170.086 ng
RT: 5.314 min Scan# 464
Delta R.T. 0.001 min
Lab File: BE101533.D
Acq: 7 Nov 2024 16:19

Tgt Ion:112 Resp: 475423
Ion Ratio Lower Upper
112 100
64 55.6 43.2 64.8
63 28.6 21.8 32.6

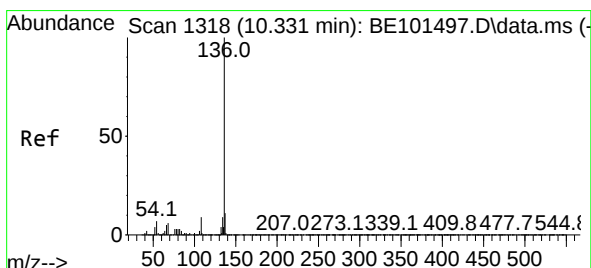
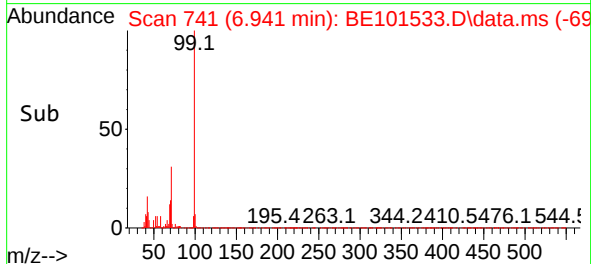
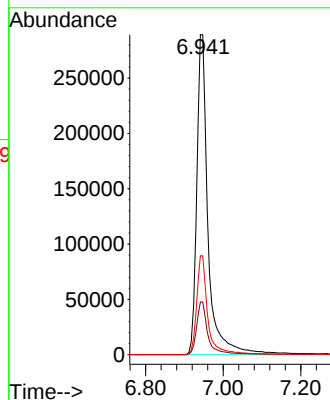
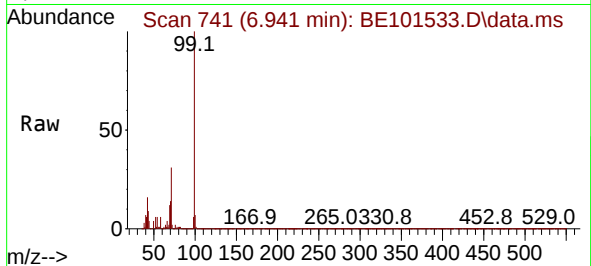




#7
Phenol-d6
Concen: 151.697 ng
RT: 6.941 min Scan# 741
Delta R.T. -0.005 min
Lab File: BE101533.D
Acq: 7 Nov 2024 16:19

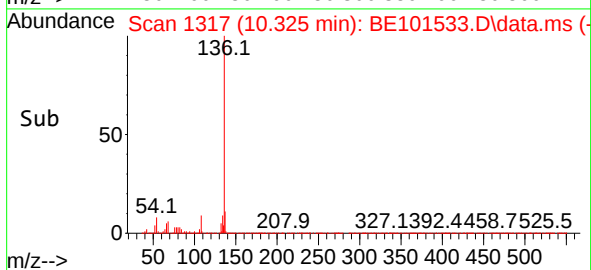
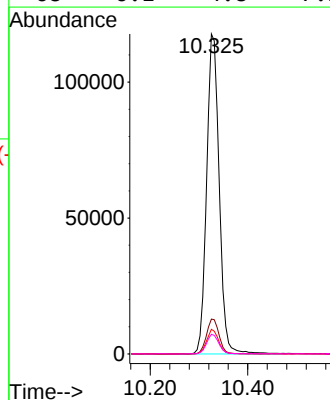
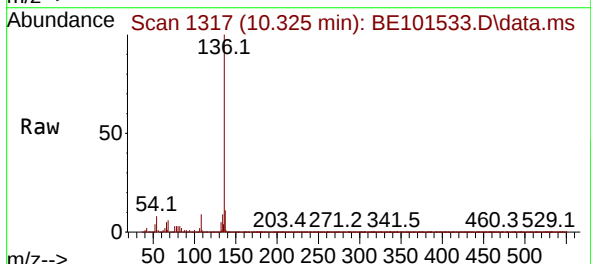
Instrument :
BNA_E
ClientSampleId :
BP-F26

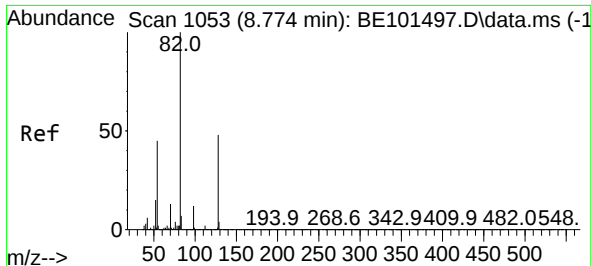
Tgt Ion: 99 Resp: 581368
Ion Ratio Lower Upper
99 100
42 16.4 12.5 18.7
71 30.9 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.325 min Scan# 1317
Delta R.T. -0.005 min
Lab File: BE101533.D
Acq: 7 Nov 2024 16:19

Tgt Ion: 136 Resp: 209567
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.7 5.6 8.4
68 6.1 4.8 7.2

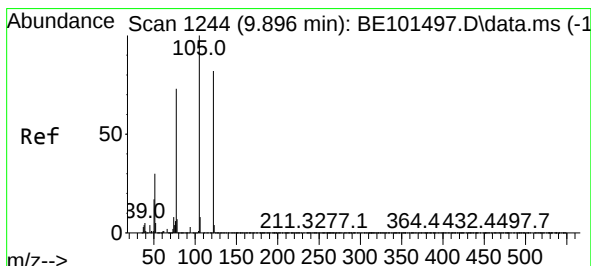
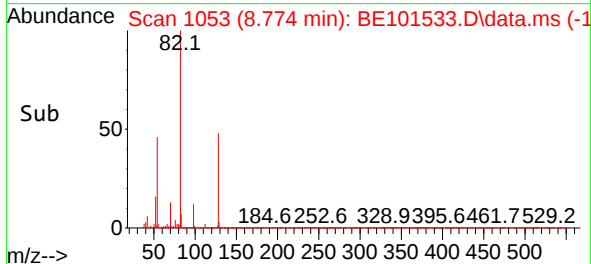
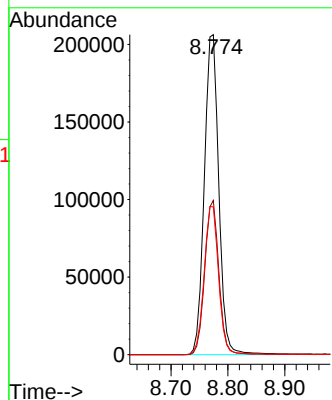
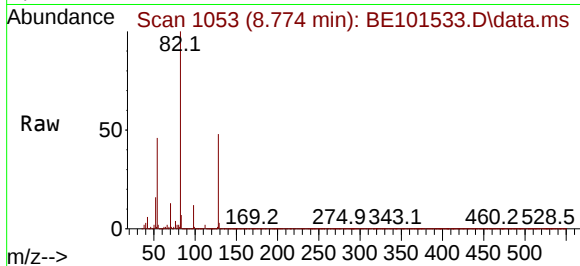




#23
Nitrobenzene-d5
Concen: 109.829 ng
RT: 8.774 min Scan# 1053
Delta R.T. 0.001 min
Lab File: BE101533.D
Acq: 7 Nov 2024 16:19

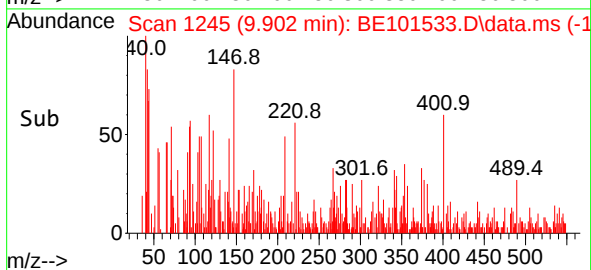
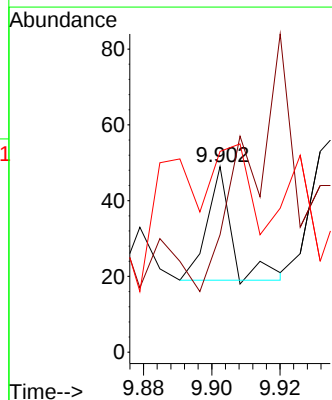
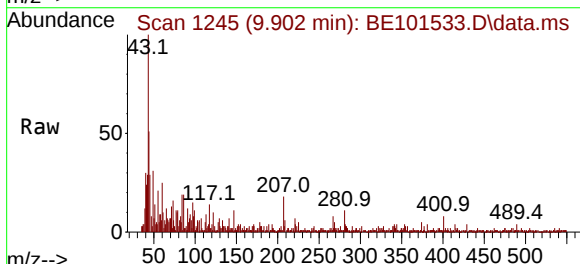
Instrument :
BNA_E
ClientSampleId :
BP-F26

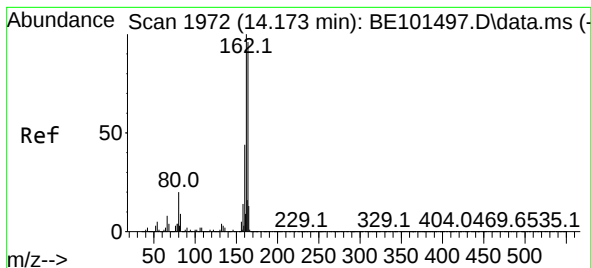
Tgt Ion:	82	Resp:	364388
Ion	Ratio	Lower	Upper
82	100		
128	48.2	38.6	58.0
54	46.2	36.3	54.5



#32
Benzoic acid
Concen: 6.840 ng
RT: 9.902 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BE101533.D
Acq: 7 Nov 2024 16:19

Tgt Ion:	122	Resp:	15
Ion	Ratio	Lower	Upper
122	100		
105	63.3	100.6	140.6#
77	108.2	68.6	108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.168 min Scan# 1972

Delta R.T. -0.005 min

Lab File: BE101533.D

Acq: 7 Nov 2024 16:19

Instrument :

BNA_E

ClientSampleId :

BP-F26

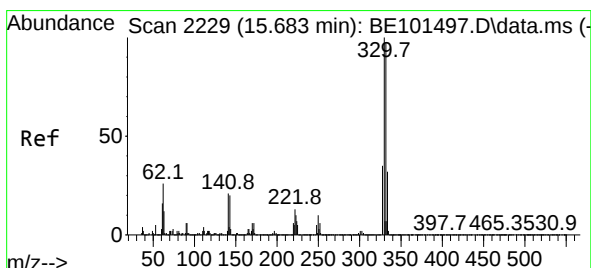
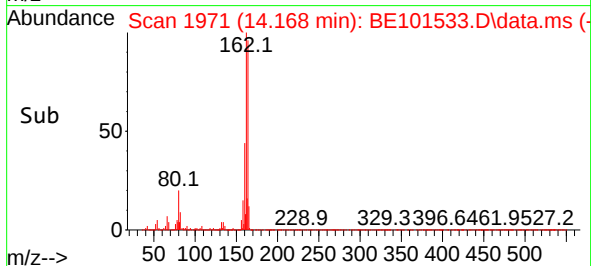
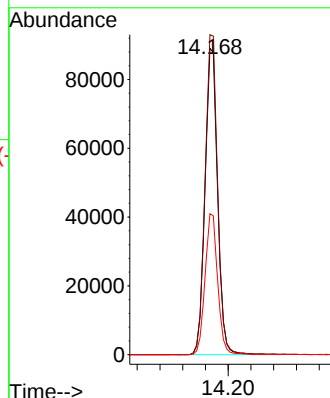
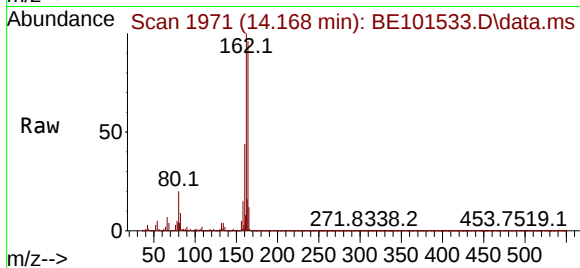
Tgt Ion:164 Resp: 136302

Ion Ratio Lower Upper

164 100

162 104.5 83.7 125.5

160 46.0 37.1 55.7



#42

2,4,6-Tribromophenol

Concen: 166.161 ng

RT: 15.678 min Scan# 2228

Delta R.T. -0.005 min

Lab File: BE101533.D

Acq: 7 Nov 2024 16:19

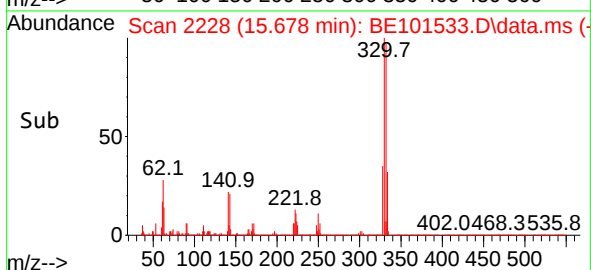
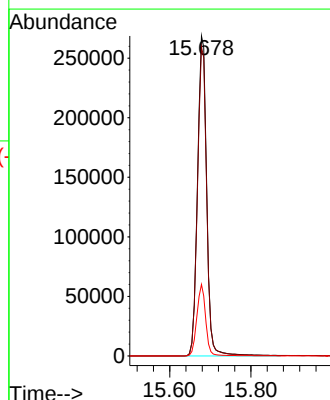
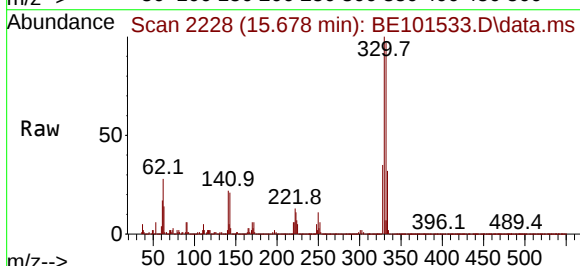
Tgt Ion:330 Resp: 426167

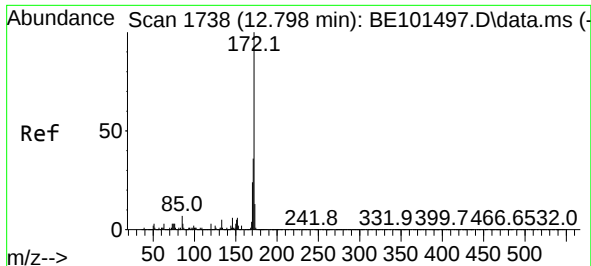
Ion Ratio Lower Upper

330 100

332 96.9 77.7 116.5

141 21.7 17.0 25.4

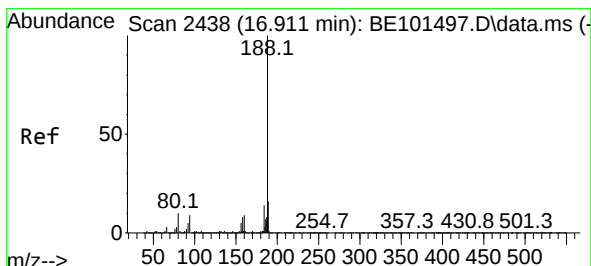
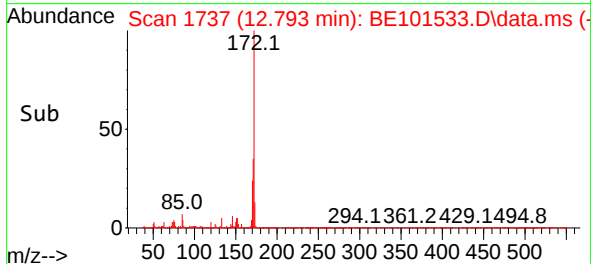
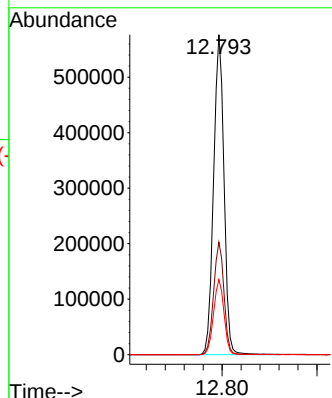
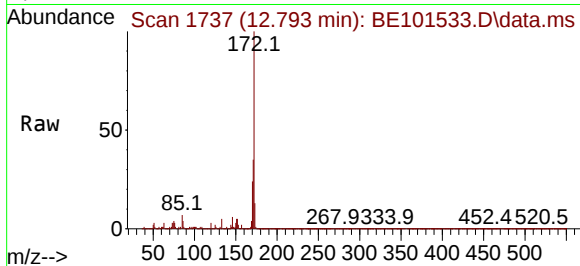




#45
2-Fluorobiphenyl
Concen: 105.435 ng
RT: 12.793 min Scan# 1
Delta R.T. -0.005 min
Lab File: BE101533.D
Acq: 7 Nov 2024 16:19

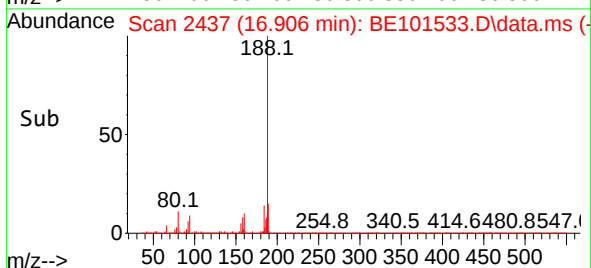
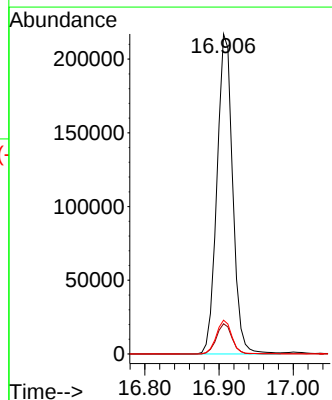
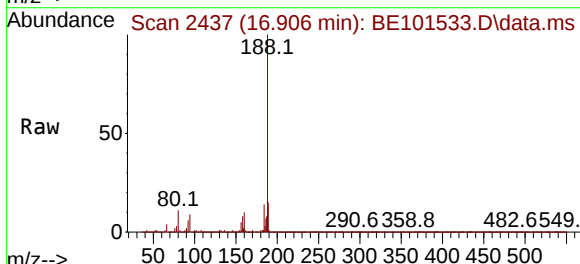
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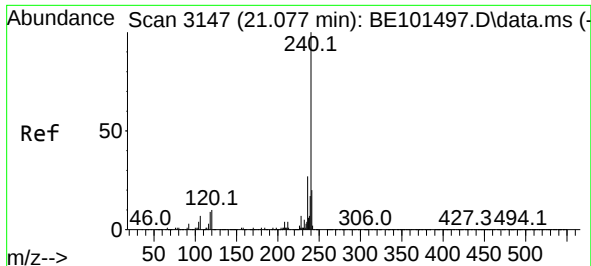
Tgt Ion:172 Resp: 880146
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.5 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.906 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BE101533.D
Acq: 7 Nov 2024 16:19

Tgt Ion:188 Resp: 319261
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.5 8.0 12.0

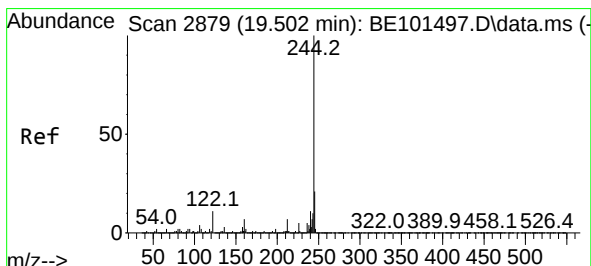
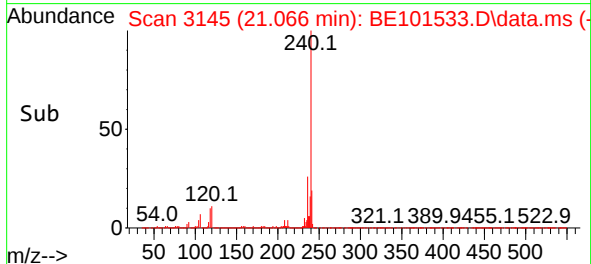
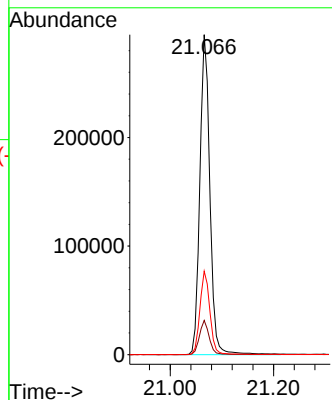
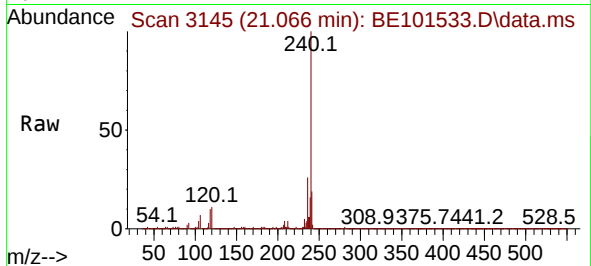




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.066 min Scan# 3147
Delta R.T. -0.011 min
Lab File: BE101533.D
Acq: 7 Nov 2024 16:19

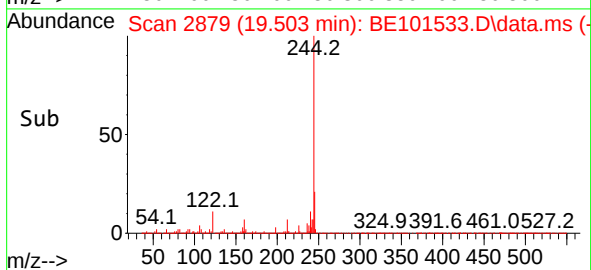
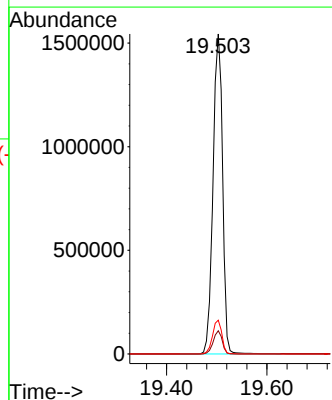
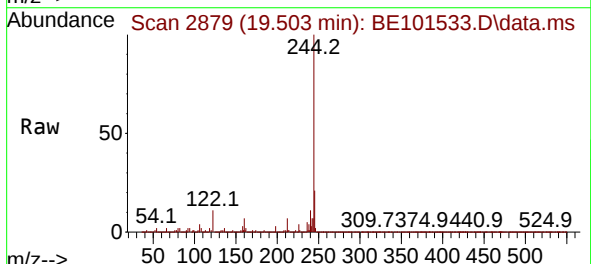
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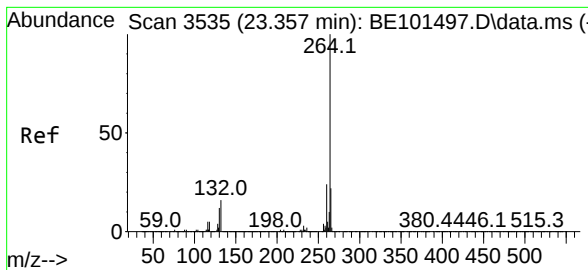
Tgt Ion:240 Resp: 395210
Ion Ratio Lower Upper
240 100
120 10.7 8.2 12.4
236 26.1 21.4 32.2



#79
Terphenyl-d14
Concen: 114.036 ng
RT: 19.503 min Scan# 2879
Delta R.T. 0.001 min
Lab File: BE101533.D
Acq: 7 Nov 2024 16:19

Tgt Ion:244 Resp: 2036010
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.6 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: BE101533.D
Acq: 7 Nov 2024 16:19

Instrument :
BNA_E
ClientSampleId :
BP-F26

Tgt Ion:264 Resp: 526168

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.9	17.4	26.2

