

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110724\
 Data File : BE101532.D
 Acq On : 7 Nov 2024 15:43
 Operator : RC/JU
 Sample : P4680-08RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-F25

Quant Time: Nov 07 15:34:16 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)

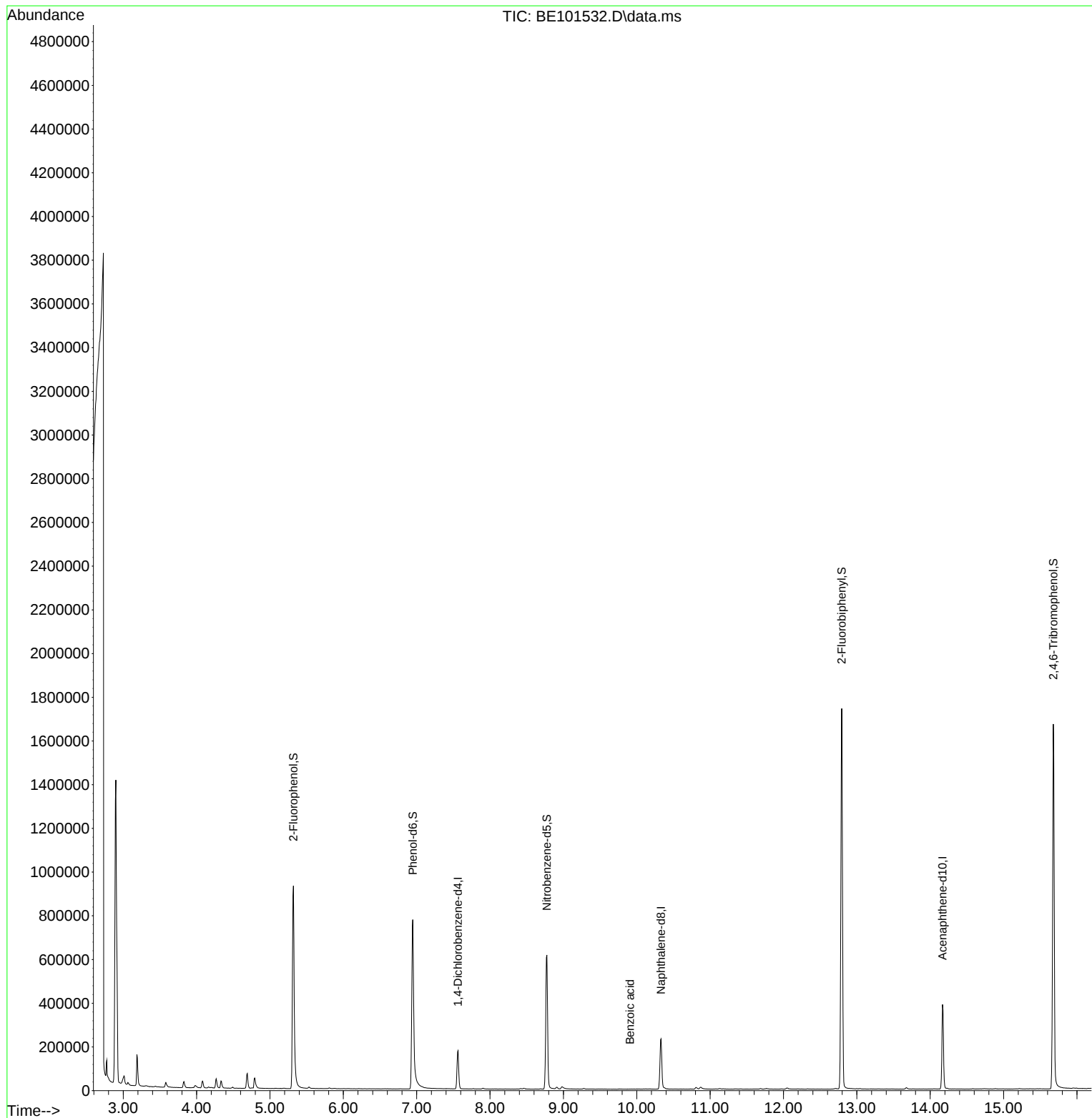
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.564	152	50424	20.000	ng	0.00
21) Naphthalene-d8	10.331	136	213877	20.000	ng	0.00
39) Acenaphthene-d10	14.168	164	136946	20.000	ng	0.00
64) Phenanthrene-d10	16.906	188	322849	20.000	ng	0.00
76) Chrysene-d12	21.066	240	397180	20.000	ng	-0.01
86) Perylene-d12	23.357	264	525596	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	488261	171.214	ng	0.00
7) Phenol-d6	6.947	99	588162	150.426	ng	0.00
23) Nitrobenzene-d5	8.774	82	376960	111.329	ng	0.00
42) 2,4,6-Tribromophenol	15.678	330	432794	167.951	ng	0.00
45) 2-Fluorobiphenyl	12.793	172	956569	114.051	ng	0.00
79) Terphenyl-d14	19.503	244	2066972	115.196	ng	0.00
Target Compounds						
32) Benzoic acid	9.908	122	25	6.844	ng	Qvalue # 1

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

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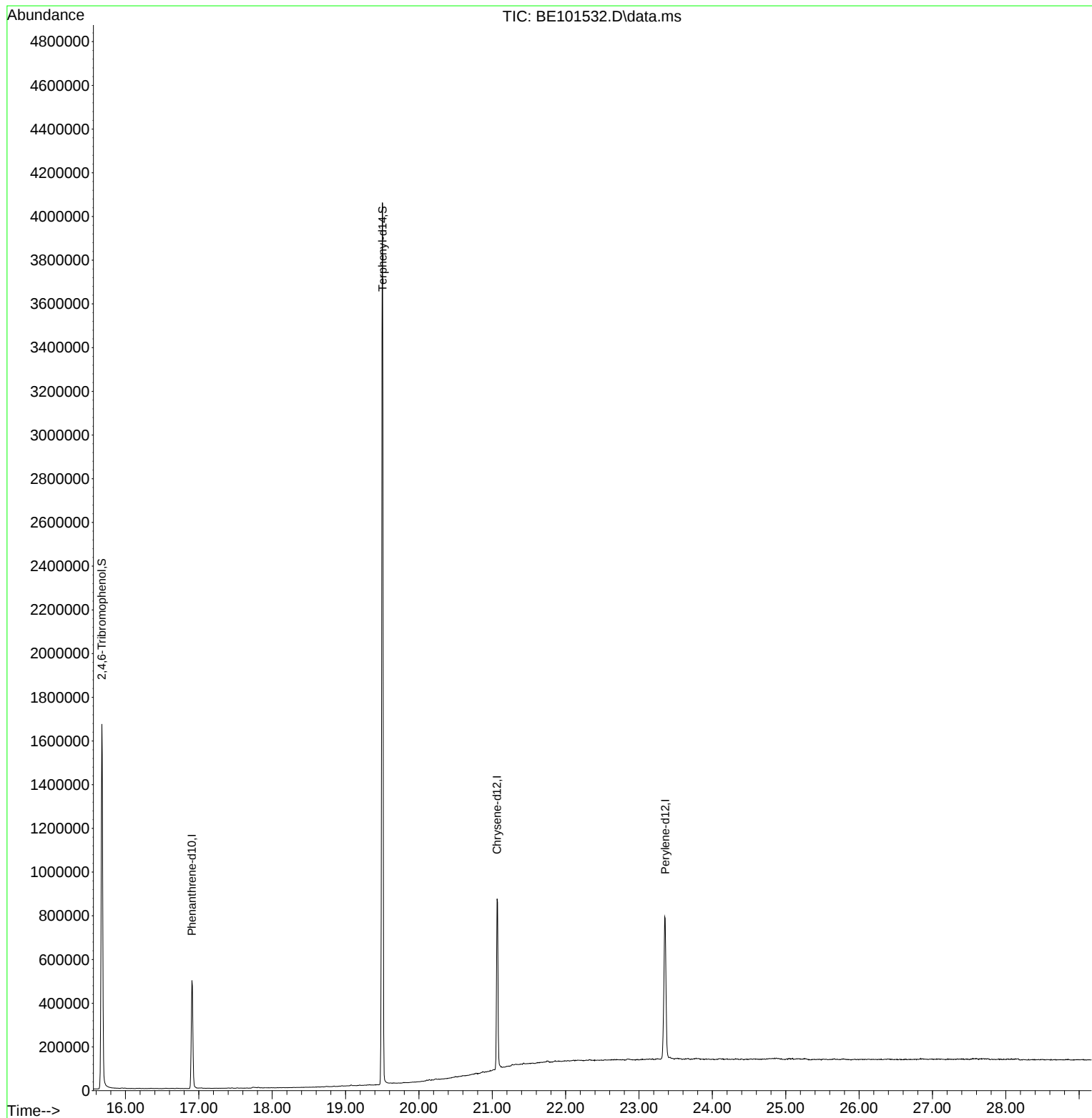
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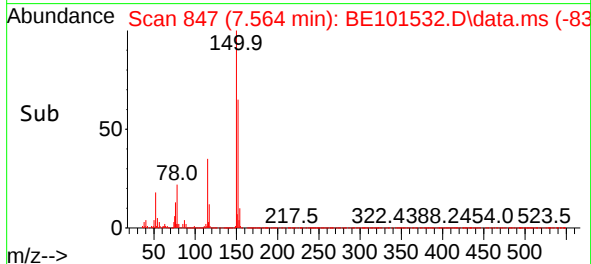
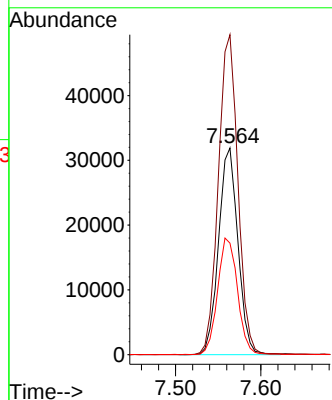
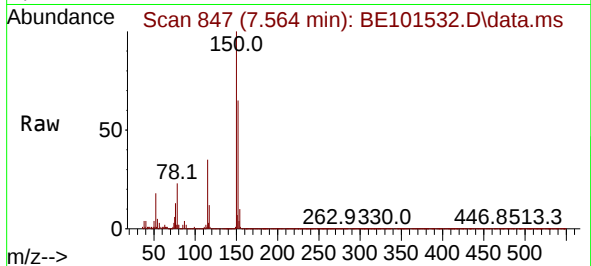




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.564 min Scan# 847
Delta R.T. 0.001 min
Lab File: BE101532.D
Acq: 7 Nov 2024 15:43

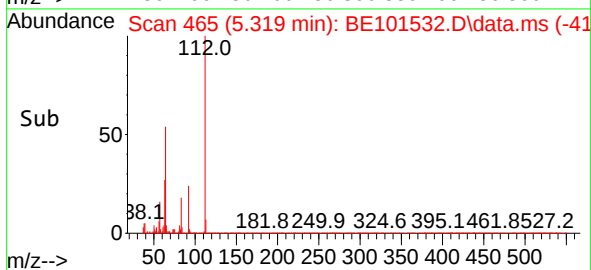
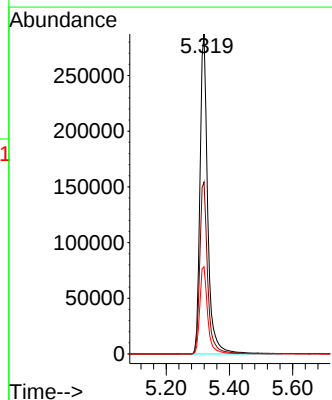
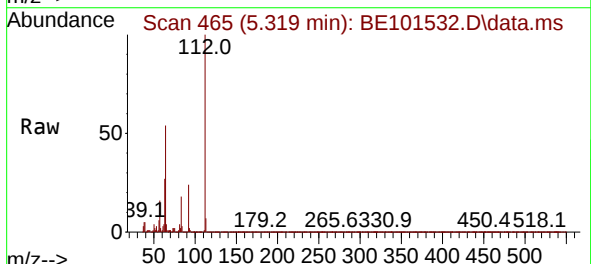
Instrument :
BNA_E
ClientSampleId :
BP-F25

Tgt Ion:152 Resp: 50424
Ion Ratio Lower Upper
152 100
150 154.8 126.3 189.5
115 54.0 45.0 67.4



#5
2-Fluorophenol
Concen: 171.214 ng
RT: 5.319 min Scan# 465
Delta R.T. 0.006 min
Lab File: BE101532.D
Acq: 7 Nov 2024 15:43

Tgt Ion:112 Resp: 488261
Ion Ratio Lower Upper
112 100
64 53.7 43.2 64.8
63 27.3 21.8 32.6

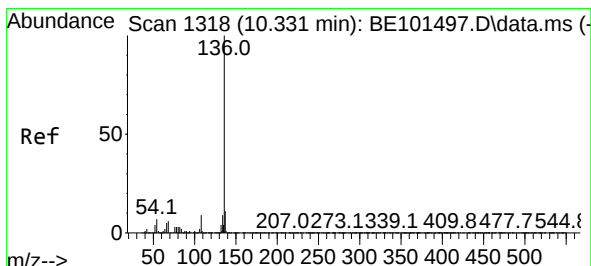
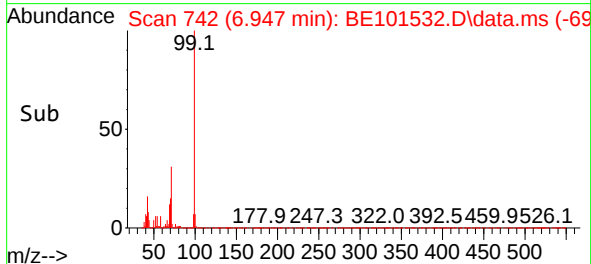
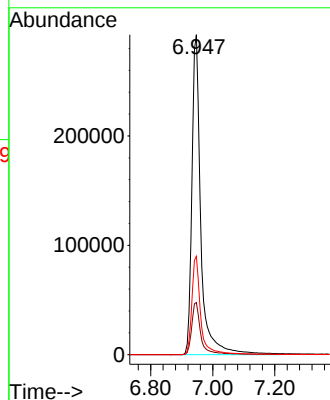
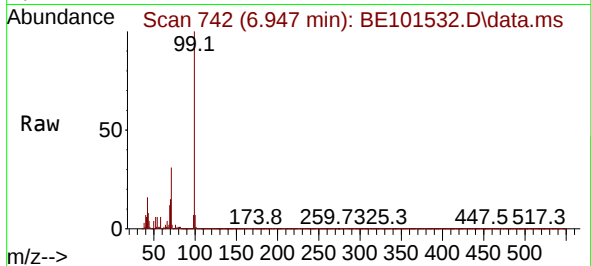




#7
Phenol-d6
Concen: 150.426 ng
RT: 6.947 min Scan# 742
Delta R.T. 0.001 min
Lab File: BE101532.D
Acq: 7 Nov 2024 15:43

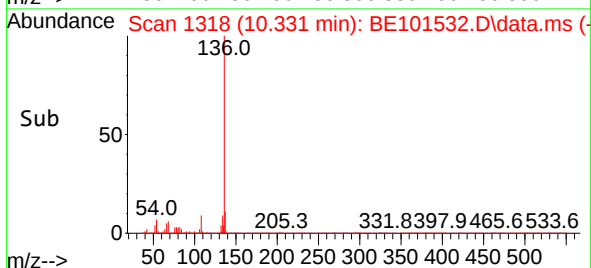
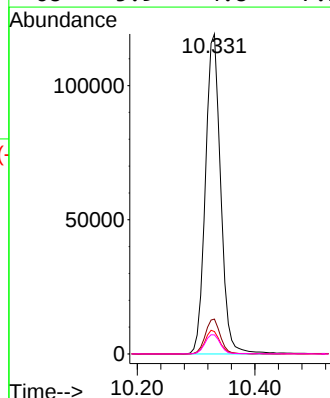
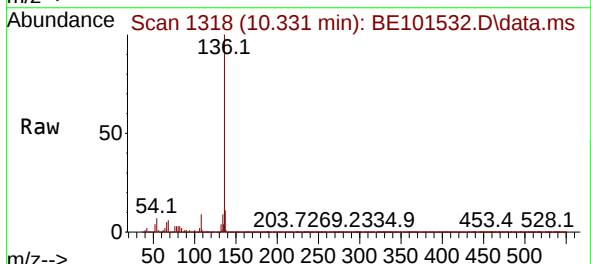
Instrument :
BNA_E
ClientSampleId :
BP-F25

Tgt Ion: 99 Resp: 588162
Ion Ratio Lower Upper
99 100
42 16.3 12.5 18.7
71 30.7 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.331 min Scan# 1318
Delta R.T. 0.001 min
Lab File: BE101532.D
Acq: 7 Nov 2024 15:43

Tgt Ion:136 Resp: 213877
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.0 5.6 8.4
68 5.9 4.8 7.2

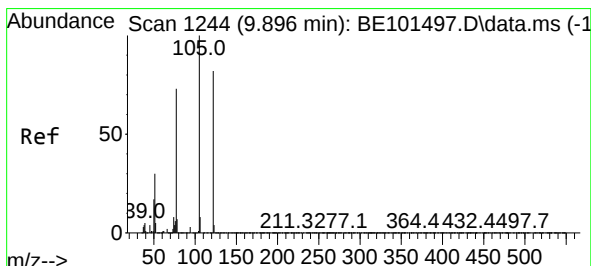
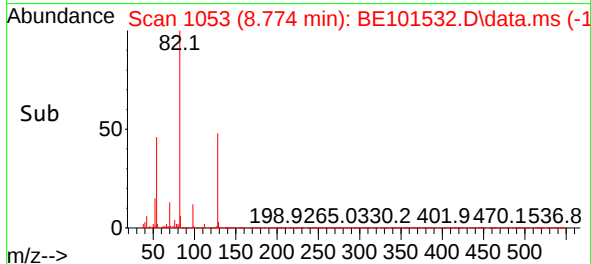
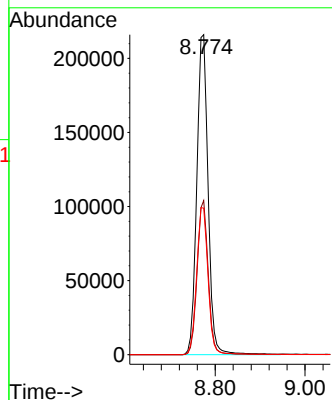
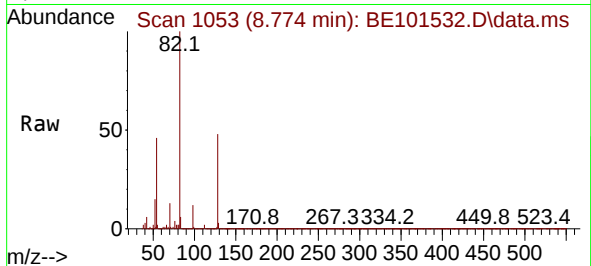




#23
Nitrobenzene-d5
Concen: 111.329 ng
RT: 8.774 min Scan# 1053
Delta R.T. 0.001 min
Lab File: BE101532.D
Acq: 7 Nov 2024 15:43

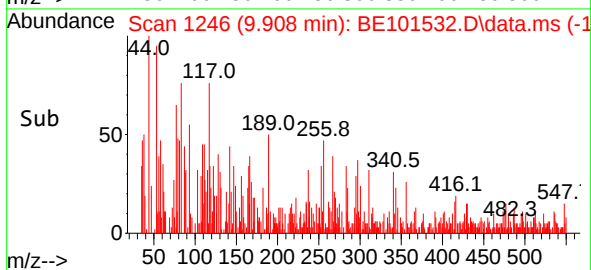
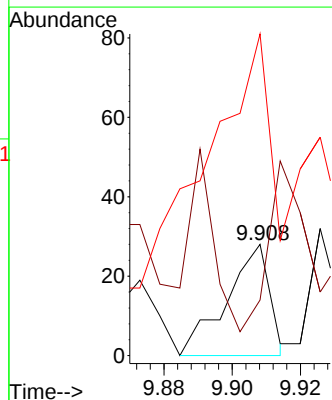
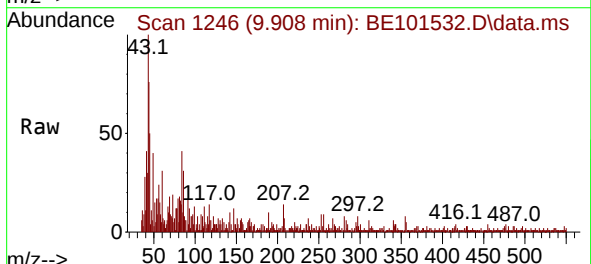
Instrument :
BNA_E
ClientSampleId :
BP-F25

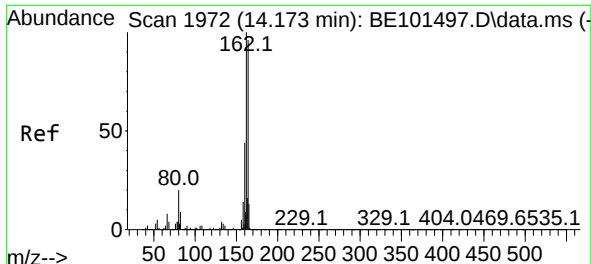
Tgt Ion: 82 Resp: 376960
Ion Ratio Lower Upper
82 100
128 48.2 38.6 58.0
54 45.8 36.3 54.5



#32
Benzoic acid
Concen: 6.844 ng
RT: 9.908 min Scan# 1246
Delta R.T. 0.012 min
Lab File: BE101532.D
Acq: 7 Nov 2024 15:43

Tgt Ion: 122 Resp: 25
Ion Ratio Lower Upper
122 100
105 60.7 100.6 140.6#
77 289.3 68.6 108.6#

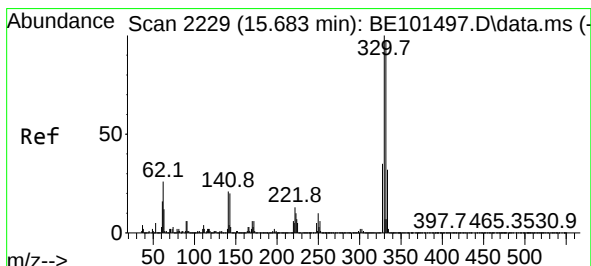
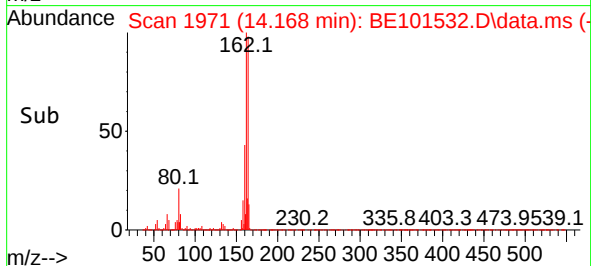
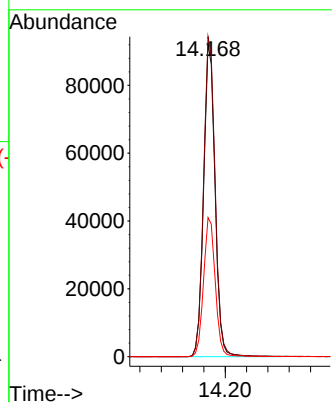
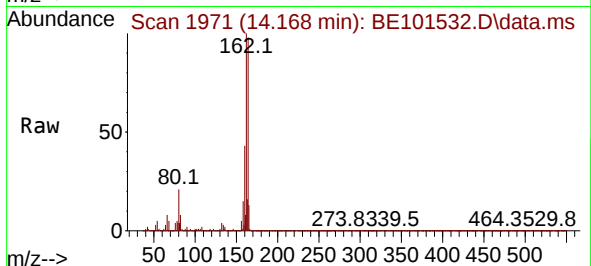




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.168 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BE101532.D
Acq: 7 Nov 2024 15:43

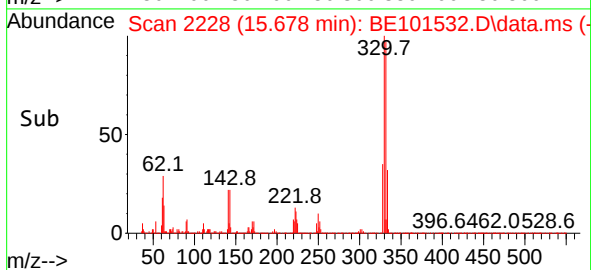
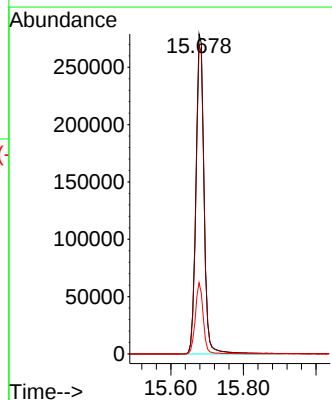
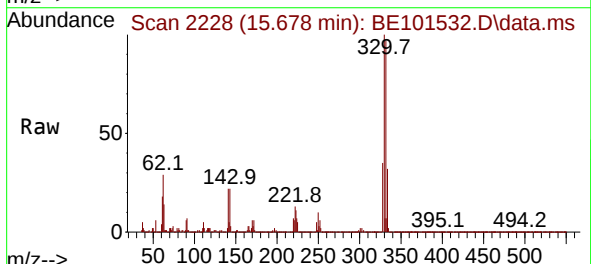
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BNA_E
ClientSampleId :
BP-F25

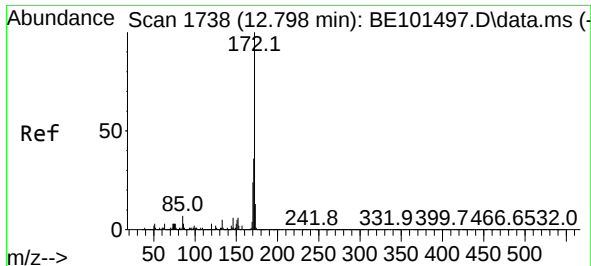
Tgt Ion:164 Resp: 136946
Ion Ratio Lower Upper
164 100
162 102.4 83.7 125.5
160 44.5 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 167.951 ng
RT: 15.678 min Scan# 2228
Delta R.T. -0.005 min
Lab File: BE101532.D
Acq: 7 Nov 2024 15:43

Tgt Ion:330 Resp: 432794
Ion Ratio Lower Upper
330 100
332 96.4 77.7 116.5
141 21.5 17.0 25.4

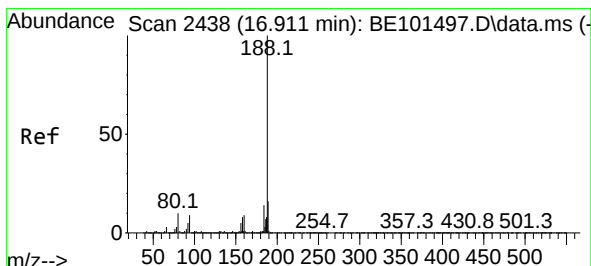
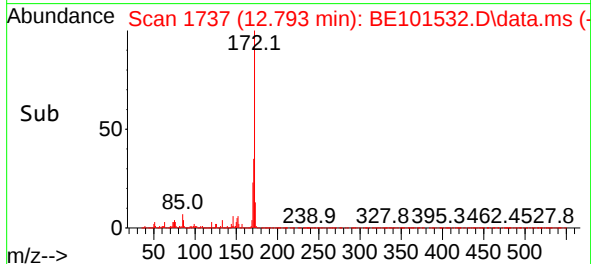
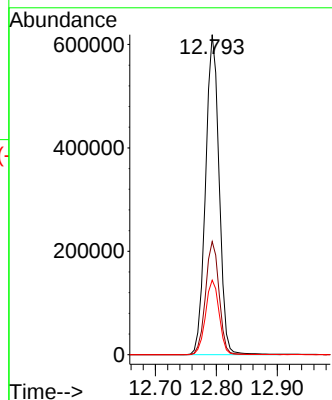
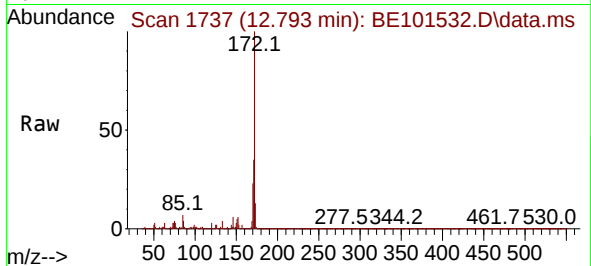




#45
2-Fluorobiphenyl
Concen: 114.051 ng
RT: 12.793 min Scan# 1
Delta R.T. -0.005 min
Lab File: BE101532.D
Acq: 7 Nov 2024 15:43

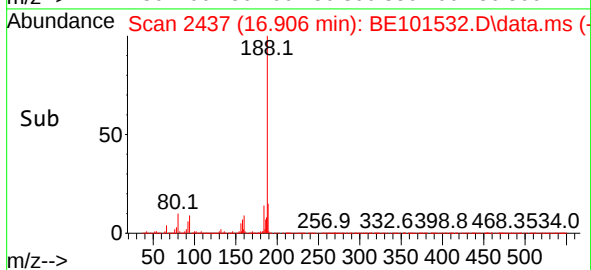
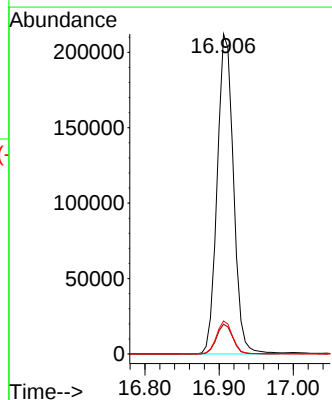
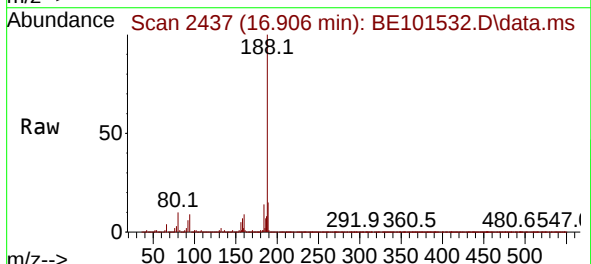
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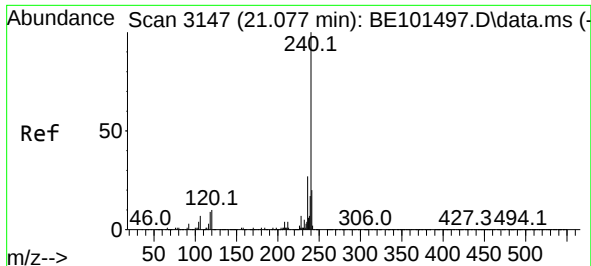
Tgt Ion:	172	Resp:	956569
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.3	18.9	28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.906 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BE101532.D
Acq: 7 Nov 2024 15:43

Tgt Ion:	188	Resp:	322849
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.2
80	10.3	8.0	12.0

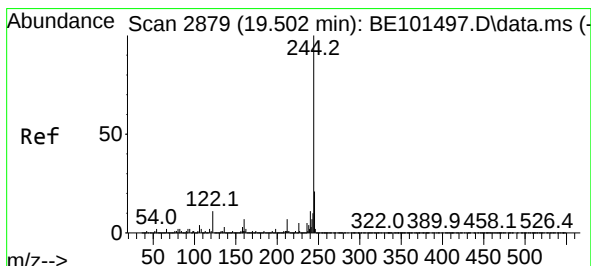
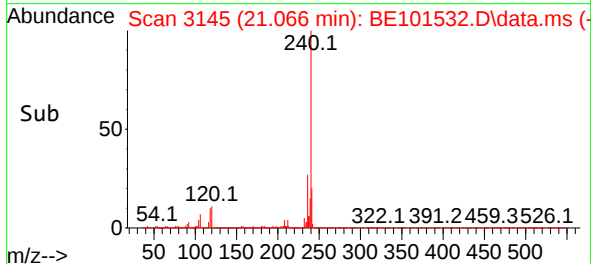
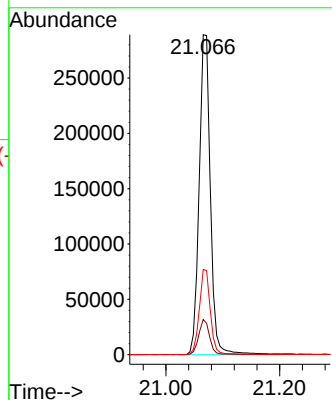
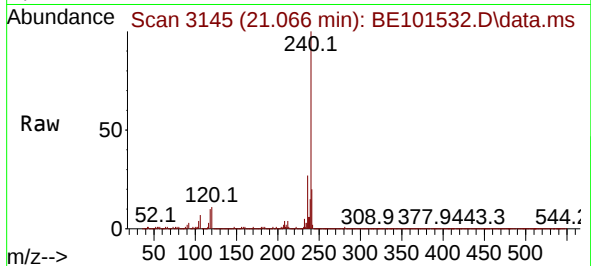




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.066 min Scan# 3147
Delta R.T. -0.011 min
Lab File: BE101532.D
Acq: 7 Nov 2024 15:43

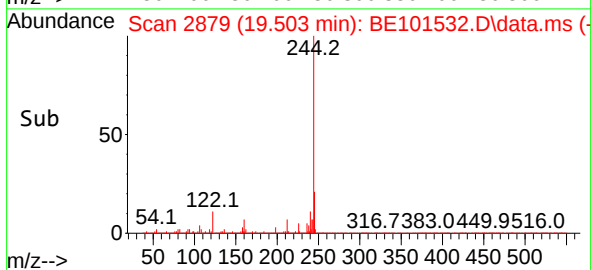
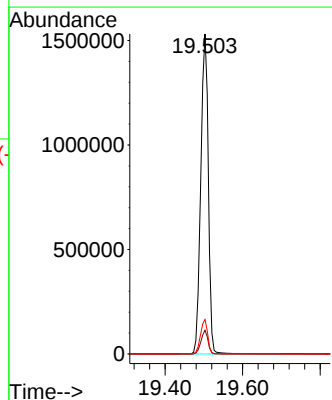
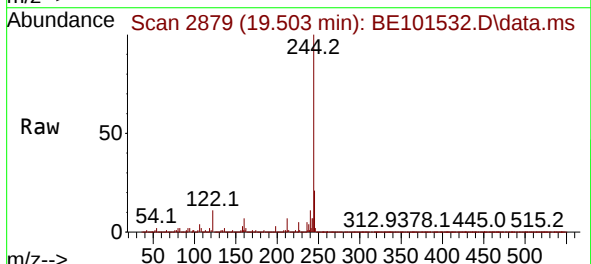
Instrument :
BNA_E
ClientSampleId :
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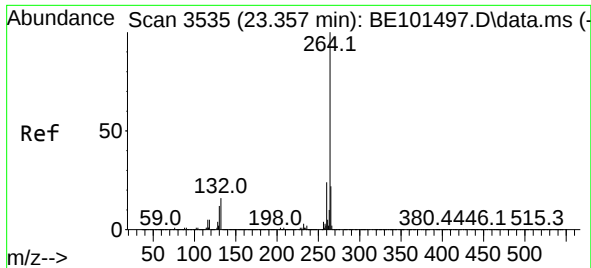
Tgt Ion:240 Resp: 397180
Ion Ratio Lower Upper
240 100
120 11.0 8.2 12.4
236 26.6 21.4 32.2



#79
Terphenyl-d14
Concen: 115.196 ng
RT: 19.503 min Scan# 2879
Delta R.T. 0.001 min
Lab File: BE101532.D
Acq: 7 Nov 2024 15:43

Tgt Ion:244 Resp: 2066972
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 10.7 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.357 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: BE101532.D
 Acq: 7 Nov 2024 15:43

Instrument :
 BNA_E
 ClientSampleId :
 BP-F25

Tgt Ion:264 Resp: 525596
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.6 17.4 26.2

