

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111224\
 Data File : BE101579.D
 Acq On : 12 Nov 2024 13:05
 Operator : RC/JU
 Sample : P4722-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 WC-2(0-6)

Quant Time: Nov 12 13:45:22 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)

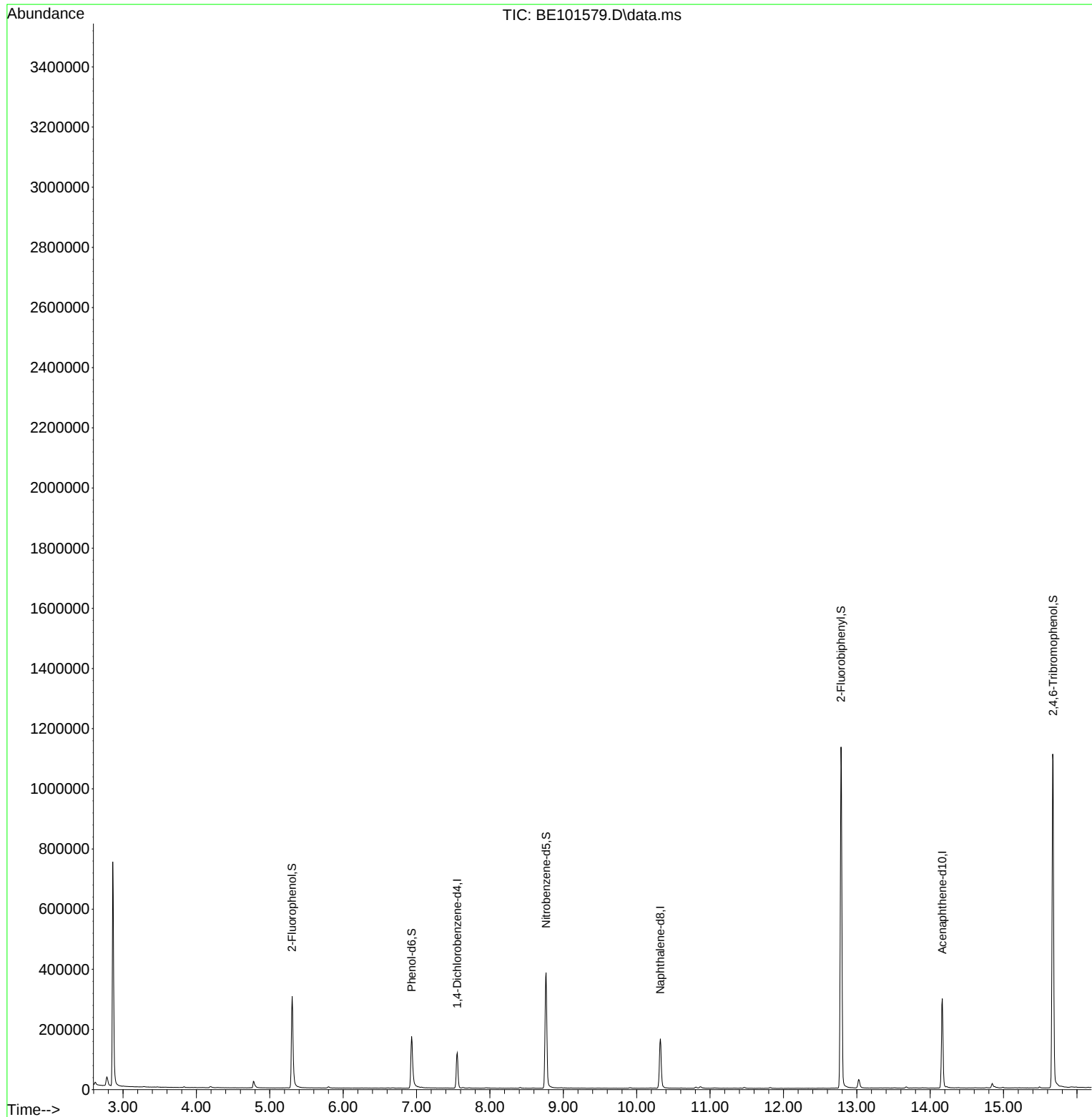
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	34307	20.000	ng	0.00
21) Naphthalene-d8	10.323	136	153776	20.000	ng	0.00
39) Acenaphthene-d10	14.165	164	106805	20.000	ng	0.00
64) Phenanthrene-d10	16.903	188	255892	20.000	ng	0.00
76) Chrysene-d12	21.063	240	316321	20.000	ng	-0.01
86) Perylene-d12	23.343	264	410447	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	156074	80.440	ng	0.00
7) Phenol-d6	6.932	99	128123	48.162	ng	-0.01
23) Nitrobenzene-d5	8.766	82	241488	99.193	ng	0.00
42) 2,4,6-Tribromophenol	15.675	330	285948	142.281	ng	0.00
45) 2-Fluorobiphenyl	12.784	172	625754	95.663	ng	-0.01
79) Terphenyl-d14	19.500	244	1562752	109.359	ng	0.00
Target Compounds						
70) Pentachlorophenol	16.603	266	19106	9.480	ng	92

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

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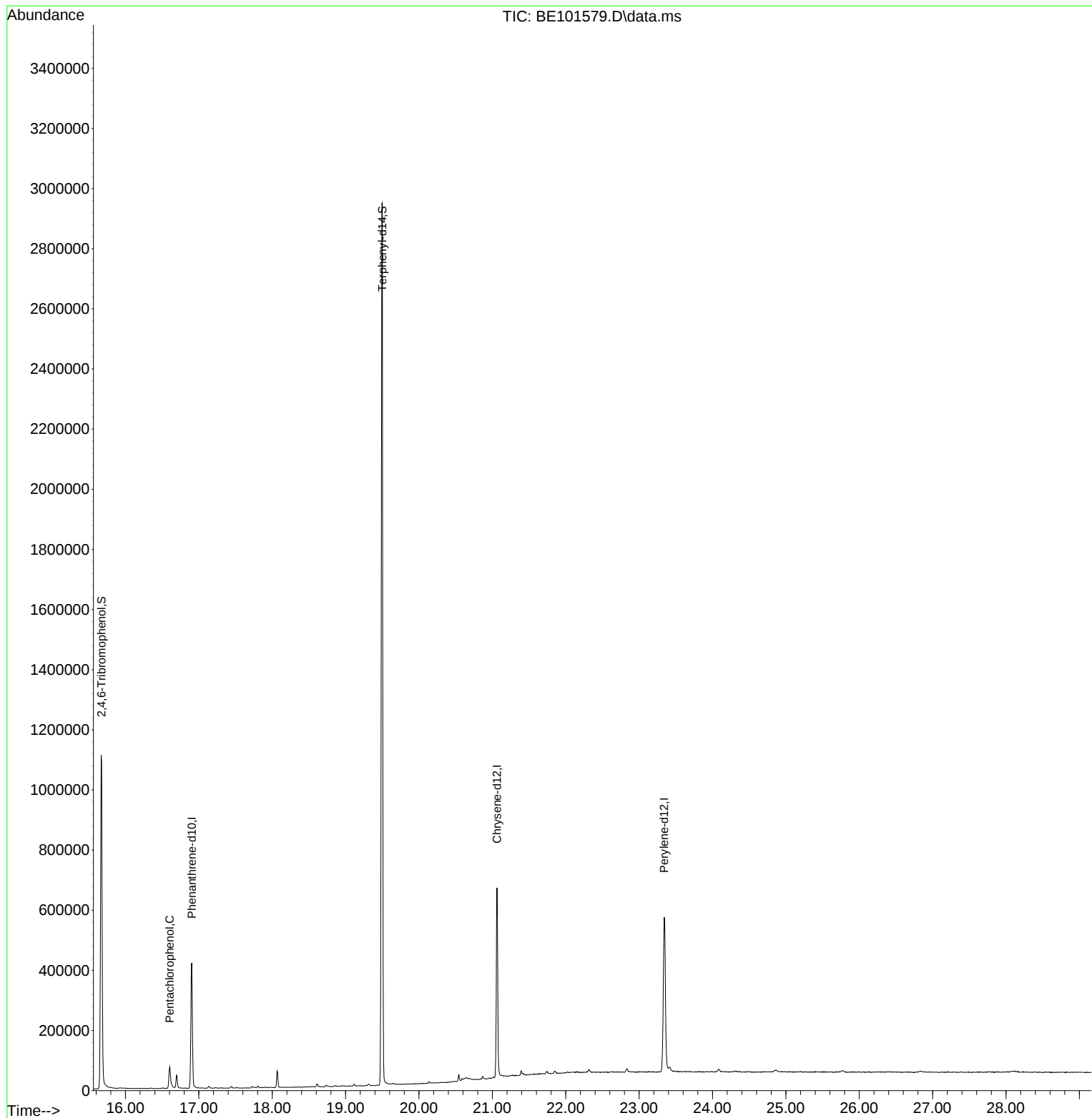
Quant Time: Nov 12 13:45:22 2024
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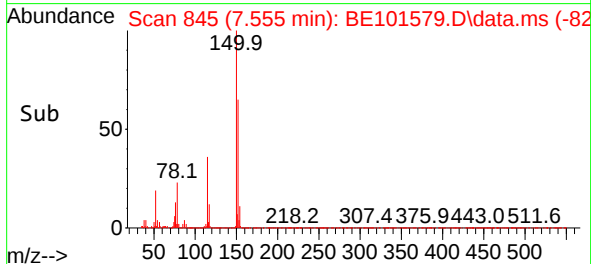
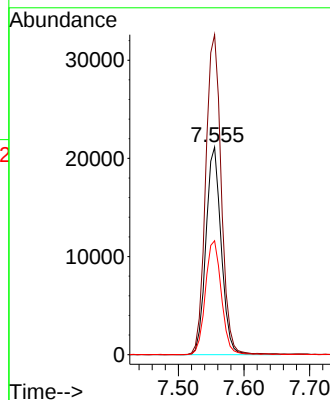
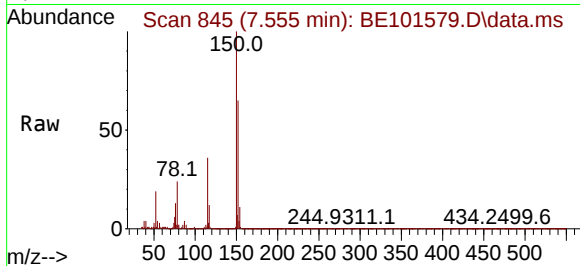




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.555 min Scan# 84
Delta R.T. -0.008 min
Lab File: BE101579.D
Acq: 12 Nov 2024 13:05

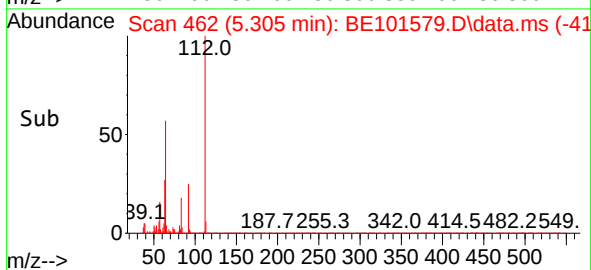
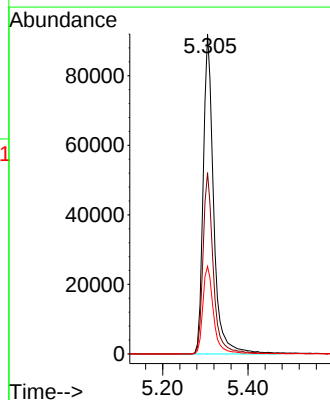
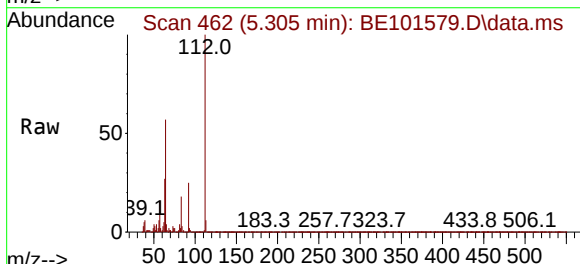
Instrument :
BNA_E
ClientSampleId :
WC-2(0-6)

Tgt Ion:152 Resp: 34307
Ion Ratio Lower Upper
152 100
150 154.2 126.3 189.5
115 54.9 45.0 67.4



#5
2-Fluorophenol
Concen: 80.440 ng
RT: 5.305 min Scan# 462
Delta R.T. -0.008 min
Lab File: BE101579.D
Acq: 12 Nov 2024 13:05

Tgt Ion:112 Resp: 156074
Ion Ratio Lower Upper
112 100
64 56.7 43.2 64.8
63 27.4 21.8 32.6

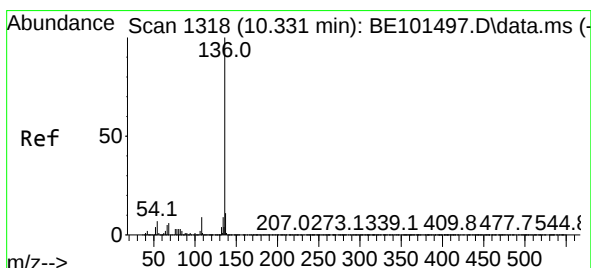
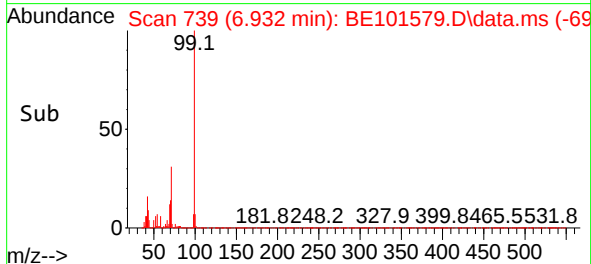
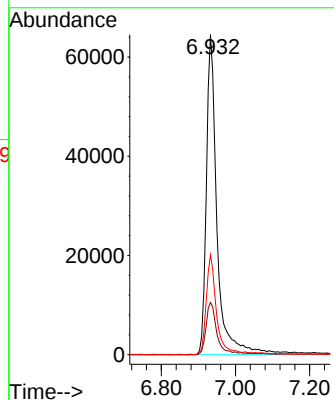
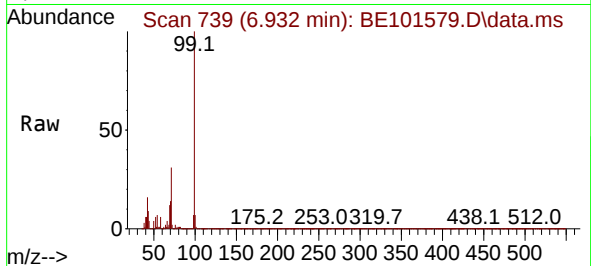




#7
Phenol-d6
Concen: 48.162 ng
RT: 6.932 min Scan# 71
Delta R.T. -0.014 min
Lab File: BE101579.D
Acq: 12 Nov 2024 13:05

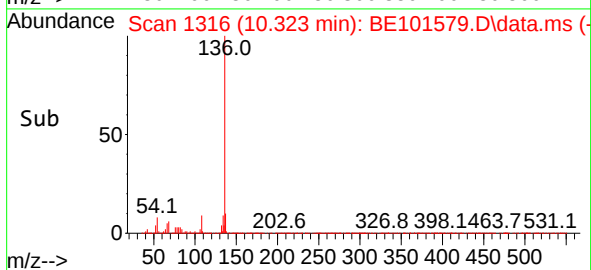
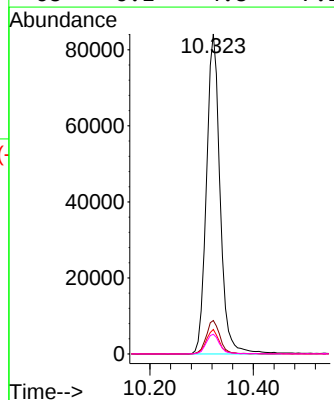
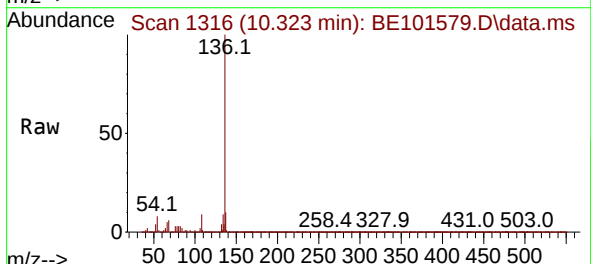
Instrument :
BNA_E
ClientSampleId :
WC-2(0-6)

Tgt Ion: 99 Resp: 128123
Ion Ratio Lower Upper
99 100
42 16.3 12.5 18.7
71 31.2 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.323 min Scan# 1316
Delta R.T. -0.008 min
Lab File: BE101579.D
Acq: 12 Nov 2024 13:05

Tgt Ion: 136 Resp: 153776
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 7.7 5.6 8.4
68 6.1 4.8 7.2

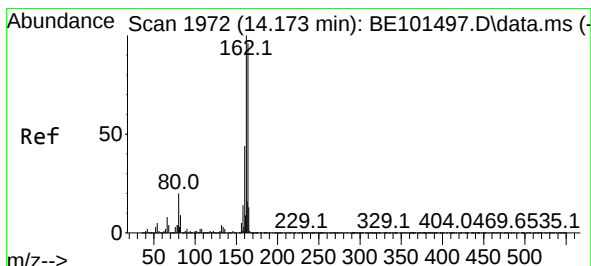
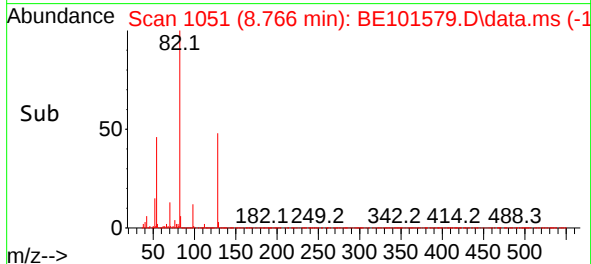
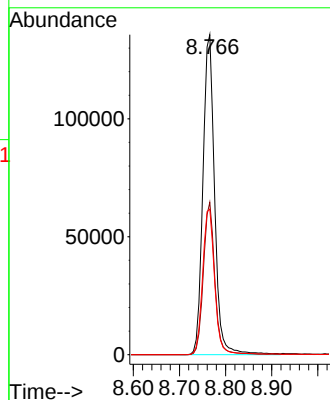
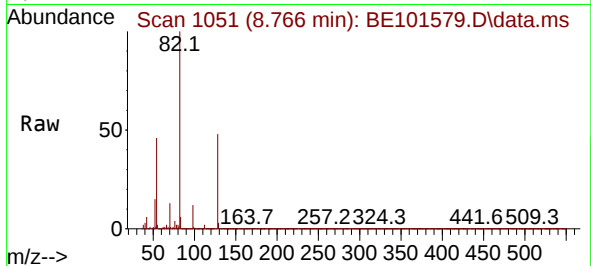




#23
Nitrobenzene-d5
Concen: 99.193 ng
RT: 8.766 min Scan# 1051
Delta R.T. -0.008 min
Lab File: BE101579.D
Acq: 12 Nov 2024 13:05

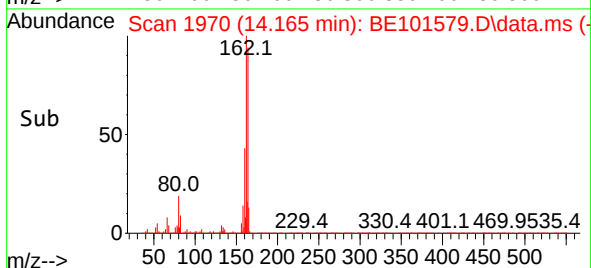
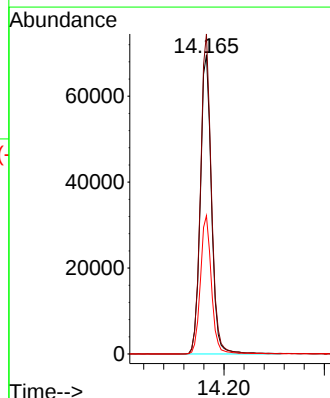
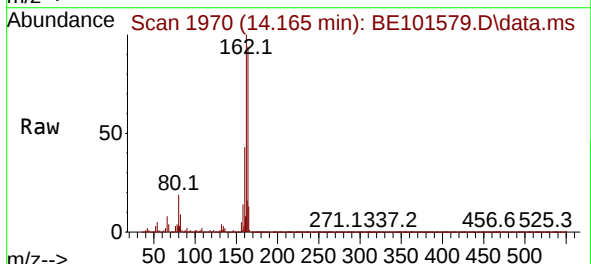
Instrument :
BNA_E
ClientSampleId :
WC-2(0-6)

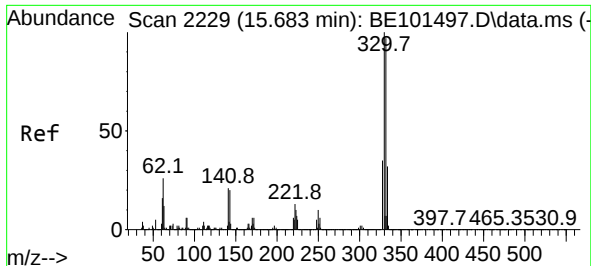
Tgt Ion: 82 Resp: 241488
Ion Ratio Lower Upper
82 100
128 47.6 38.6 58.0
54 45.5 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.165 min Scan# 1970
Delta R.T. -0.008 min
Lab File: BE101579.D
Acq: 12 Nov 2024 13:05

Tgt Ion: 164 Resp: 106805
Ion Ratio Lower Upper
164 100
162 106.9 83.7 125.5
160 46.2 37.1 55.7



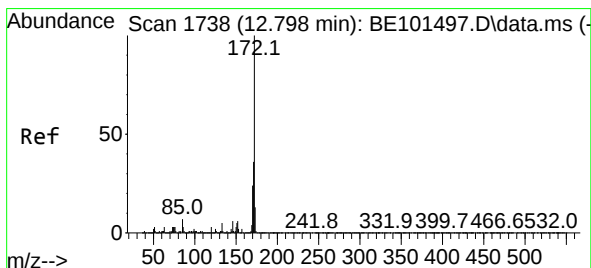
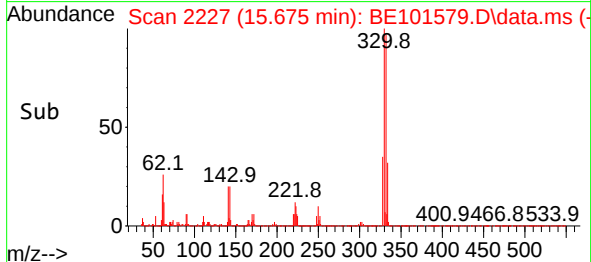
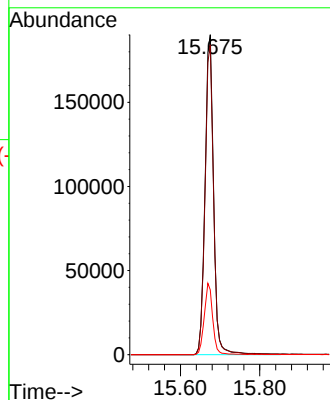
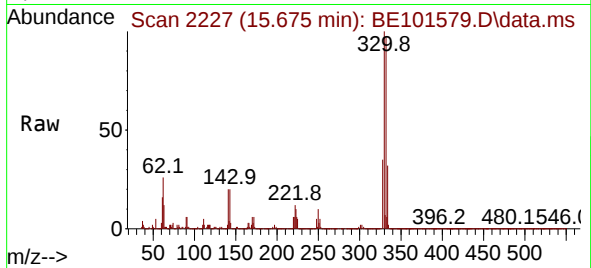


#42
 2,4,6-Tribromophenol
 Concen: 142.281 ng
 RT: 15.675 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BE101579.D
 Acq: 12 Nov 2024 13:05

Instrument :
 BNA_E
 ClientSampleId :
 WC-2(0-6)

Tgt Ion: 330 Resp: 285948

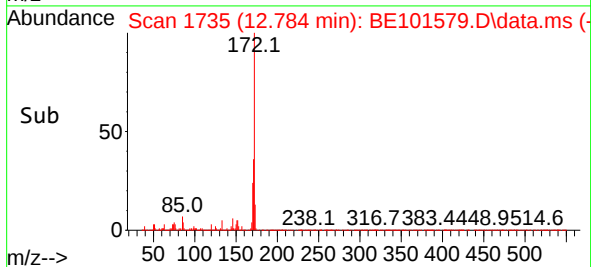
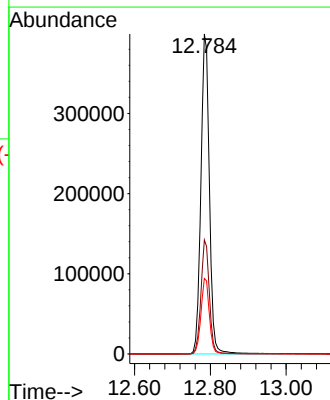
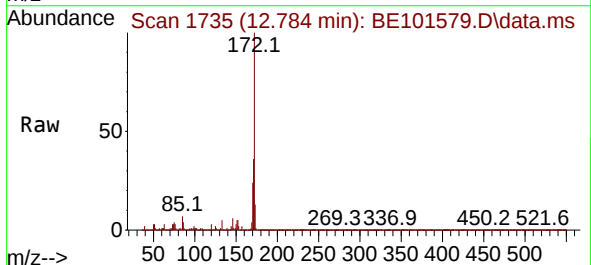
Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.7	116.5
141	22.0	17.0	25.4

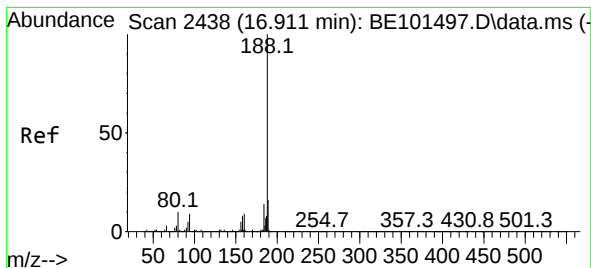


#45
 2-Fluorobiphenyl
 Concen: 95.663 ng
 RT: 12.784 min Scan# 1735
 Delta R.T. -0.014 min
 Lab File: BE101579.D
 Acq: 12 Nov 2024 13:05

Tgt Ion: 172 Resp: 625754

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.6	18.9	28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.903 min Scan# 2438

Delta R.T. -0.008 min

Lab File: BE101579.D

Acq: 12 Nov 2024 13:05

Instrument :

BNA_E

ClientSampleId :

WC-2(0-6)

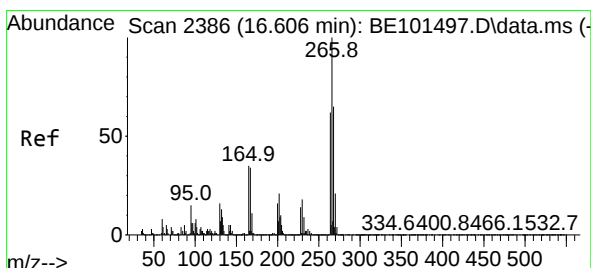
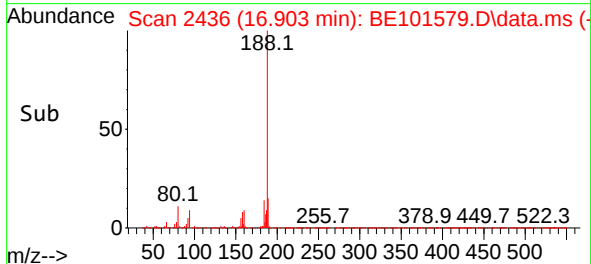
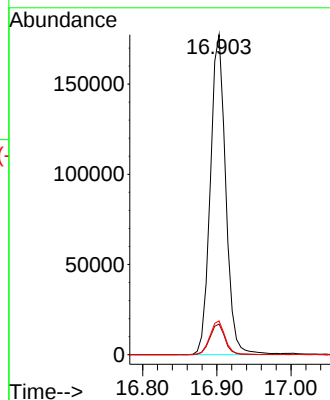
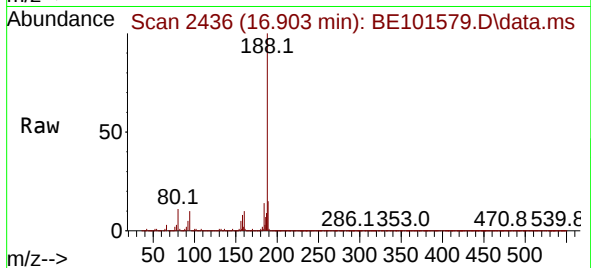
Tgt Ion:188 Resp: 255892

Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

80 10.5 8.0 12.0



#70

Pentachlorophenol

Concen: 9.480 ng

RT: 16.603 min Scan# 2385

Delta R.T. -0.002 min

Lab File: BE101579.D

Acq: 12 Nov 2024 13:05

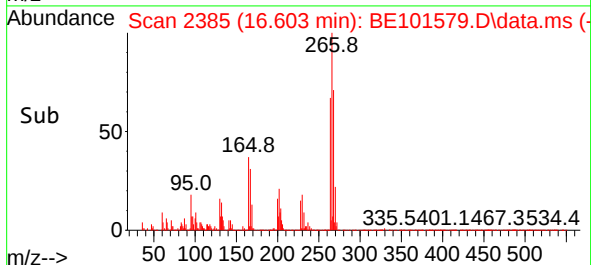
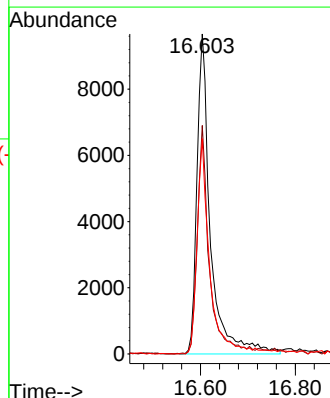
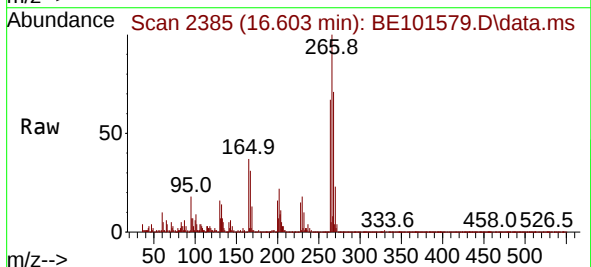
Tgt Ion:266 Resp: 19106

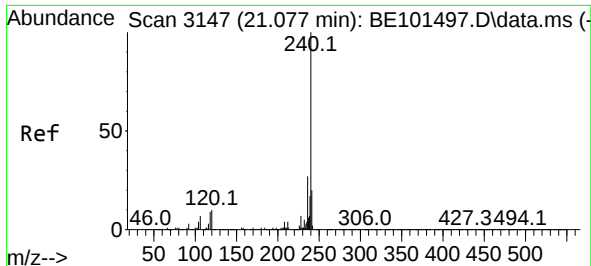
Ion Ratio Lower Upper

266 100

268 71.4 52.0 78.0

264 67.3 49.6 74.4

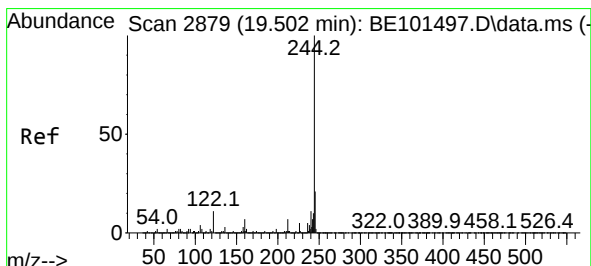
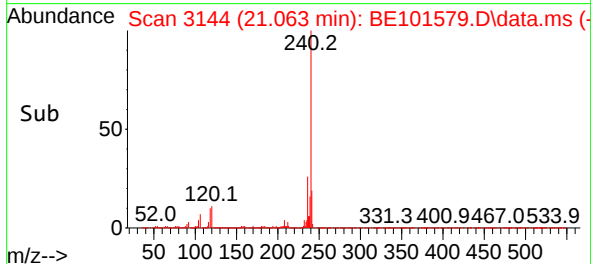
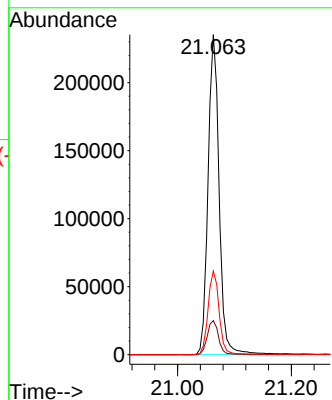
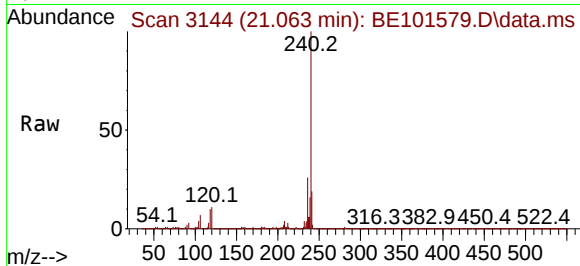




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.063 min Scan# 3147
Delta R.T. -0.014 min
Lab File: BE101579.D
Acq: 12 Nov 2024 13:05

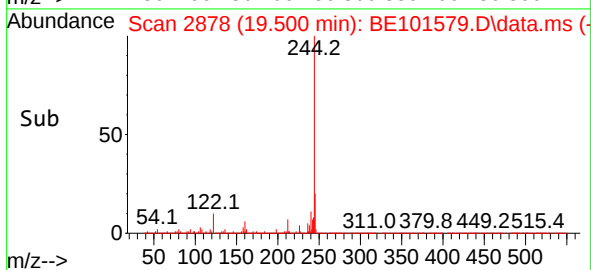
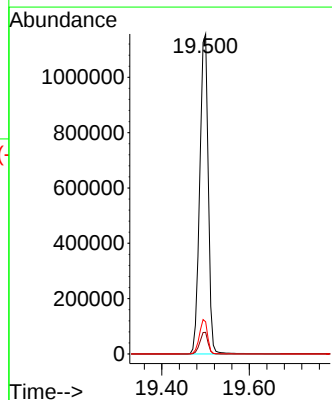
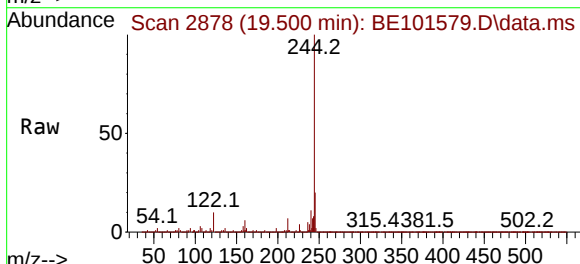
Instrument :
BNA_E
ClientSampleId :
WC-2(0-6)

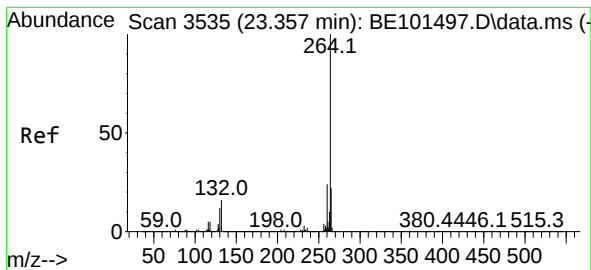
Tgt Ion:240 Resp: 316321
Ion Ratio Lower Upper
240 100
120 10.7 8.2 12.4
236 26.2 21.4 32.2



#79
Terphenyl-d14
Concen: 109.359 ng
RT: 19.500 min Scan# 2878
Delta R.T. -0.002 min
Lab File: BE101579.D
Acq: 12 Nov 2024 13:05

Tgt Ion:244 Resp: 1562752
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 10.0 8.4 12.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.343 min Scan# 3

Delta R.T. -0.014 min

Lab File: BE101579.D

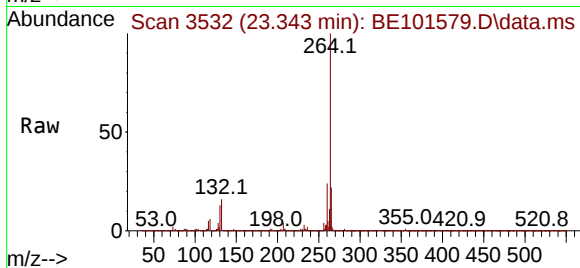
Acq: 12 Nov 2024 13:05

Instrument :

BNA_E

ClientSampleId :

WC-2(0-6)



Tgt Ion:264 Resp: 410447

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 22.0 17.4 26.2

