

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
 Data File : BE101434.D
 Acq On : 31 Oct 2024 15:50
 Operator : RC/JU
 Sample : P4639-03 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EO-02-103024

Quant Time: Oct 31 16:51:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 29 01:26:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

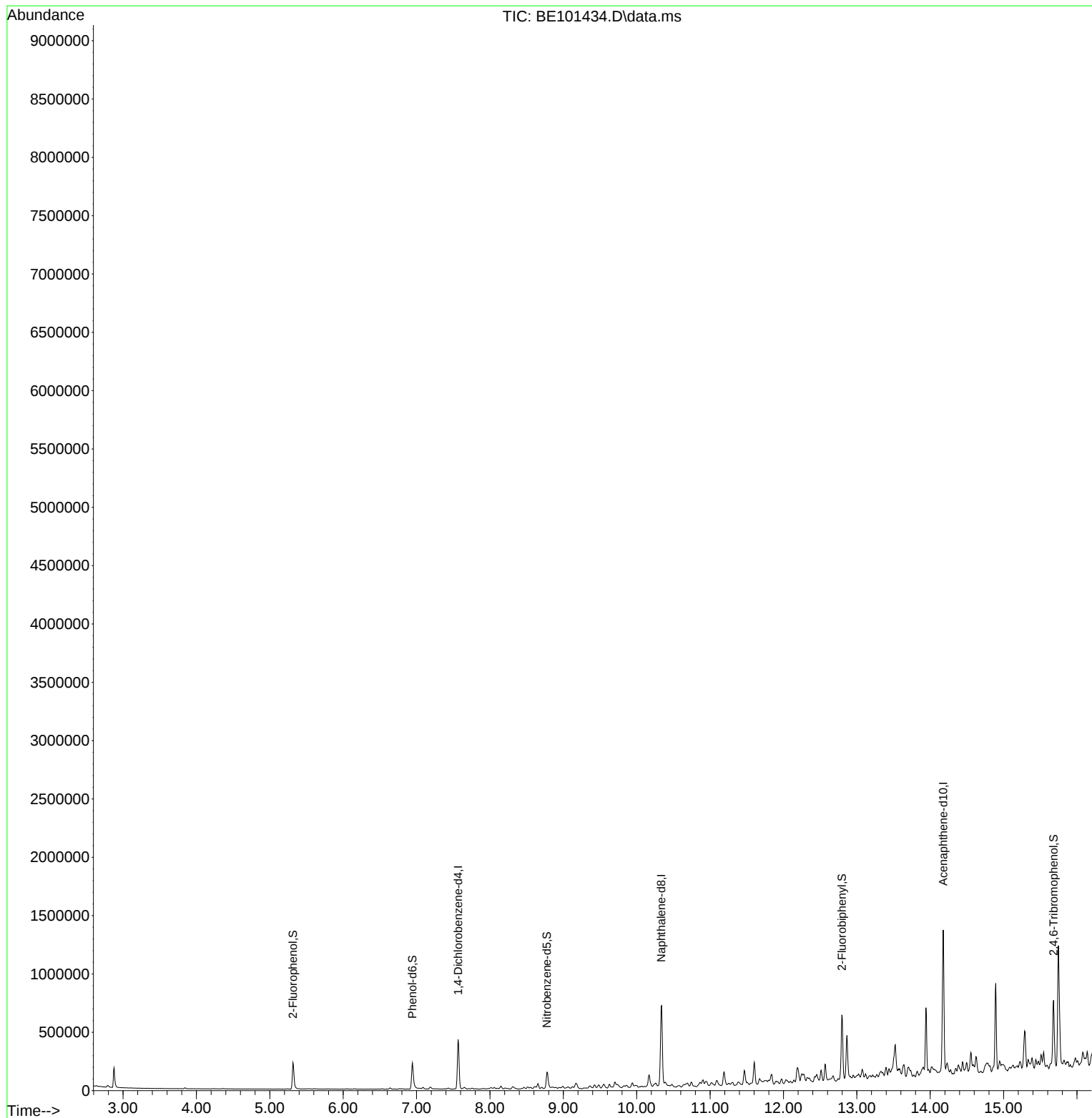
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.567	152	121922	20.000	ng	0.00
21) Naphthalene-d8	10.334	136	577495	20.000	ng	0.00
39) Acenaphthene-d10	14.177	164	429096	20.000	ng	0.00
64) Phenanthrene-d10	16.915	188	1012535	20.000	ng	0.00
76) Chrysene-d12	21.074	240	1092047	20.000	ng	0.00
86) Perylene-d12	23.366	264	1412315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	119757	17.215	ng	0.00
7) Phenol-d6	6.944	99	155748	16.147	ng	0.00
23) Nitrobenzene-d5	8.777	82	89935	9.781	ng	0.00
42) 2,4,6-Tribromophenol	15.681	330	131595	17.498	ng	0.00
45) 2-Fluorobiphenyl	12.796	172	294586	11.627	ng	0.00
79) Terphenyl-d14	19.506	244	688531	14.511	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	16.956	178	101855	2.101	ng	98
75) Fluoranthene	18.959	202	135575	2.303	ng	98
78) Pyrene	19.329	202	159975	2.664	ng	98

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

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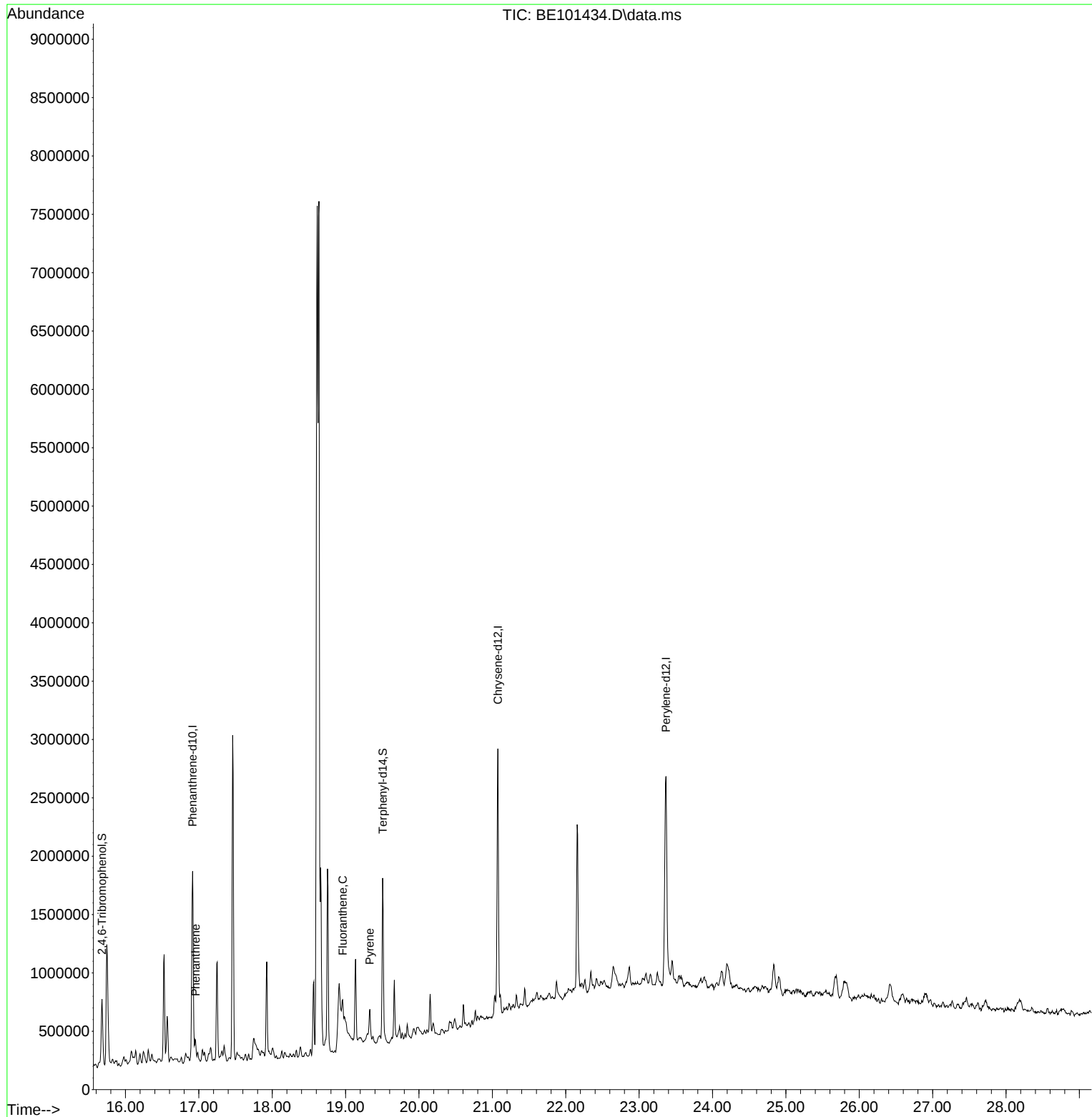
Quant Time: Oct 31 16:51:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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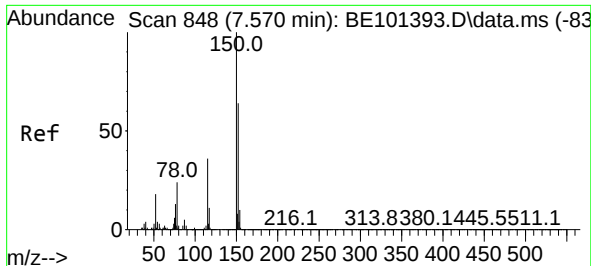


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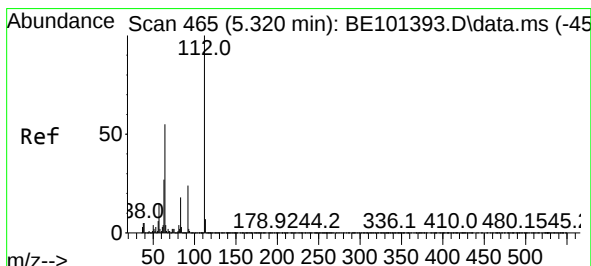
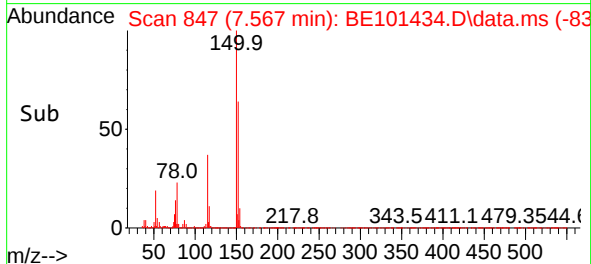
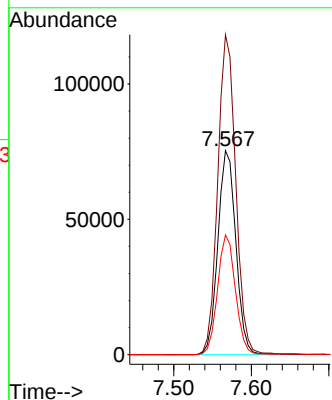
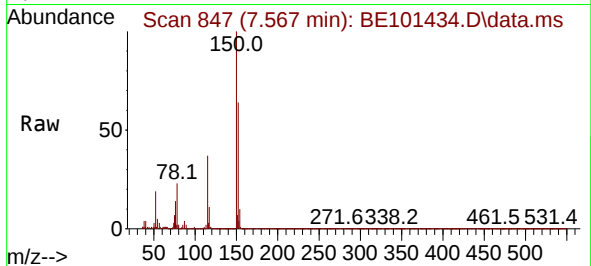




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.567 min Scan# 84
Delta R.T. -0.003 min
Lab File: BE101434.D
Acq: 31 Oct 2024 15:50

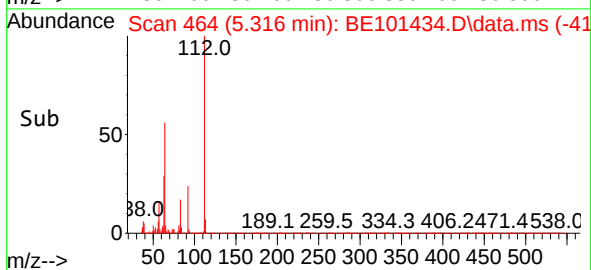
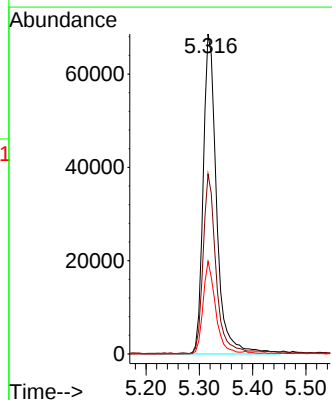
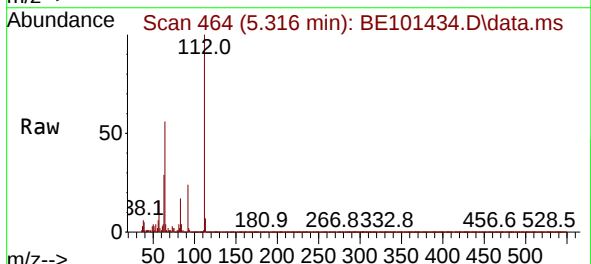
Instrument :
BNA_E
ClientSampleId :
EO-02-103024

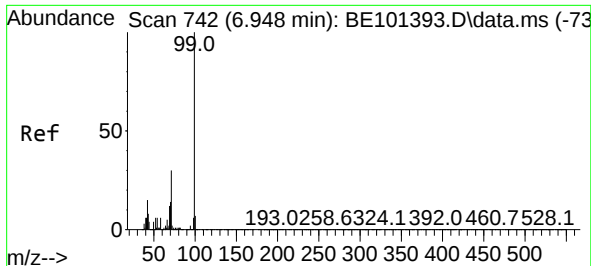
Tgt Ion:152 Resp: 121922
Ion Ratio Lower Upper
152 100
150 156.9 124.2 186.4
115 58.7 45.3 67.9



#5
2-Fluorophenol
Concen: 17.215 ng
RT: 5.316 min Scan# 464
Delta R.T. -0.004 min
Lab File: BE101434.D
Acq: 31 Oct 2024 15:50

Tgt Ion:112 Resp: 119757
Ion Ratio Lower Upper
112 100
64 56.3 43.7 65.5
63 29.0 21.4 32.2



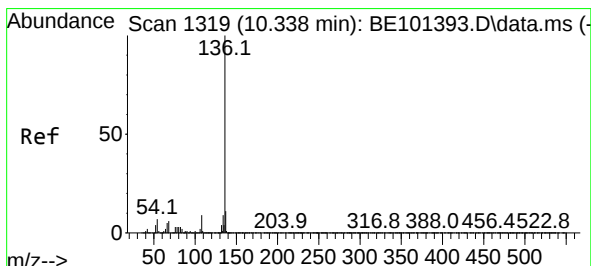
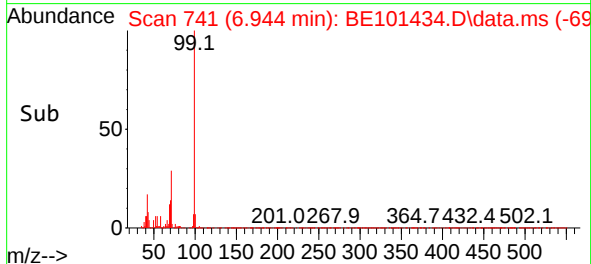
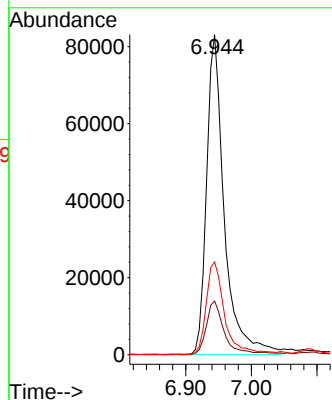
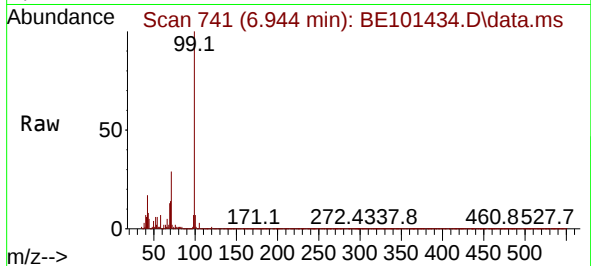


#7
Phenol-d6
Concen: 16.147 ng
RT: 6.944 min Scan# 741
Delta R.T. -0.004 min
Lab File: BE101434.D
Acq: 31 Oct 2024 15:50

Instrument :
BNA_E
ClientSampleId :
EO-02-103024

Tgt Ion: 99 Resp: 155748

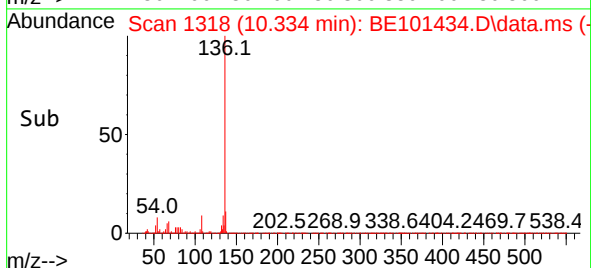
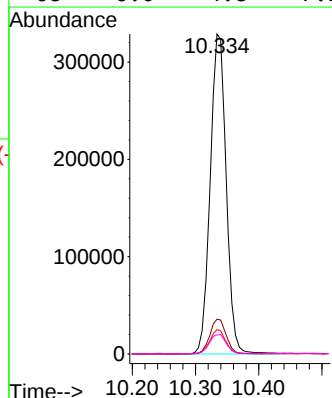
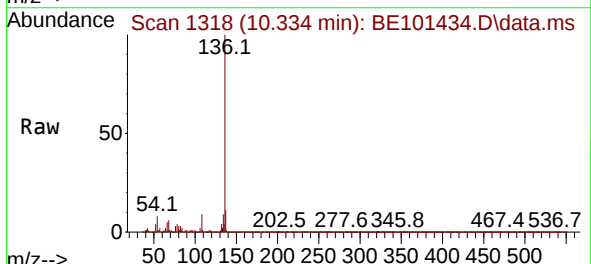
Ion	Ratio	Lower	Upper
99	100		
42	16.8	12.3	18.5
71	29.0	23.8	35.8

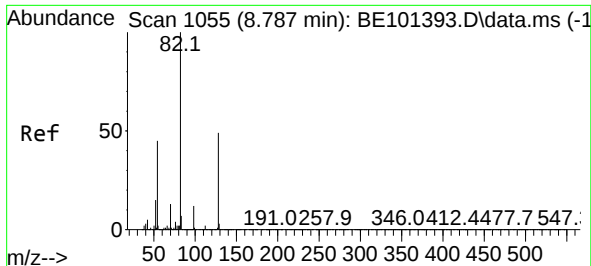


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.334 min Scan# 1318
Delta R.T. -0.004 min
Lab File: BE101434.D
Acq: 31 Oct 2024 15:50

Tgt Ion: 136 Resp: 577495

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.6	5.9	8.9
68	6.0	4.8	7.2

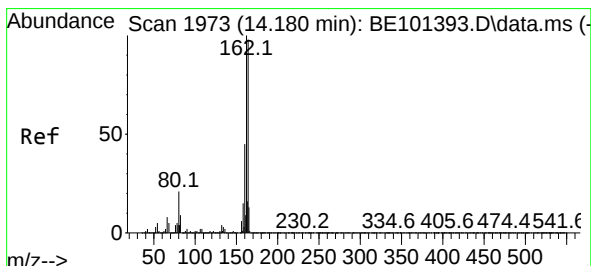
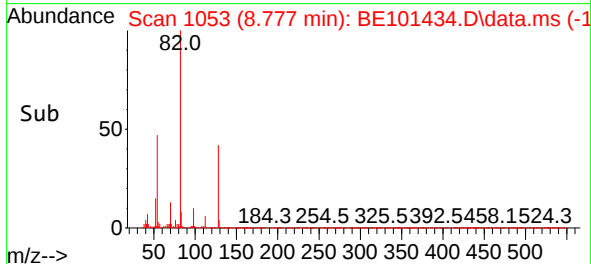
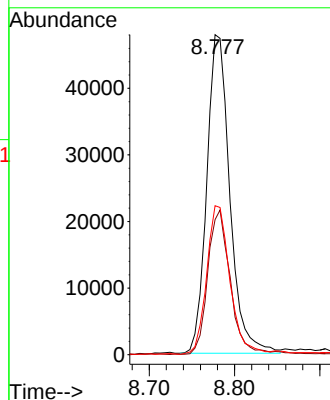
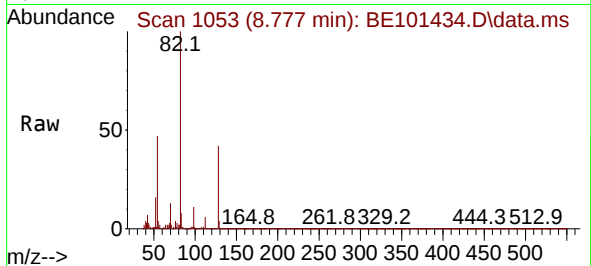




#23
Nitrobenzene-d5
Concen: 9.781 ng
RT: 8.777 min Scan# 1053
Delta R.T. -0.010 min
Lab File: BE101434.D
Acq: 31 Oct 2024 15:50

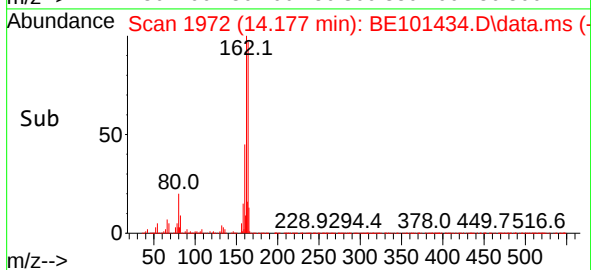
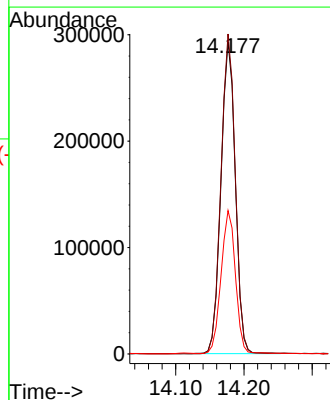
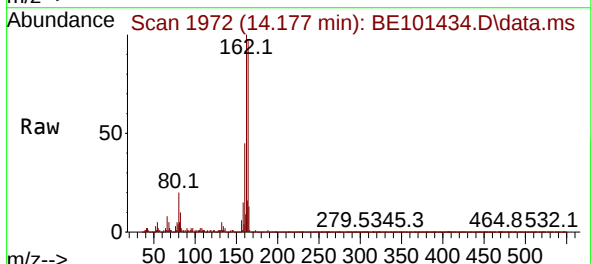
Instrument :
BNA_E
ClientSampleId :
EO-02-103024

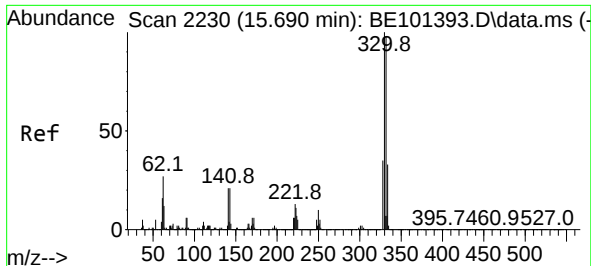
Tgt Ion: 82 Resp: 89935
Ion Ratio Lower Upper
82 100
128 42.2 38.9 58.3
54 46.6 36.2 54.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.177 min Scan# 1972
Delta R.T. -0.004 min
Lab File: BE101434.D
Acq: 31 Oct 2024 15:50

Tgt Ion:164 Resp: 429096
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 46.0 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 17.498 ng

RT: 15.681 min Scan# 21

Delta R.T. -0.010 min

Lab File: BE101434.D

Acq: 31 Oct 2024 15:50

Instrument :

BNA_E

ClientSampleId :

EO-02-103024

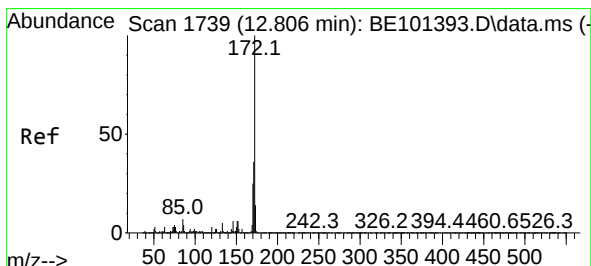
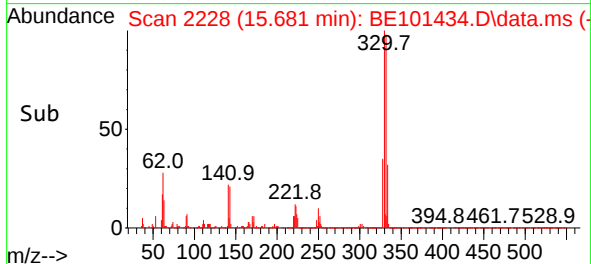
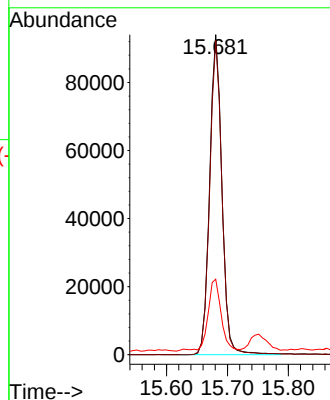
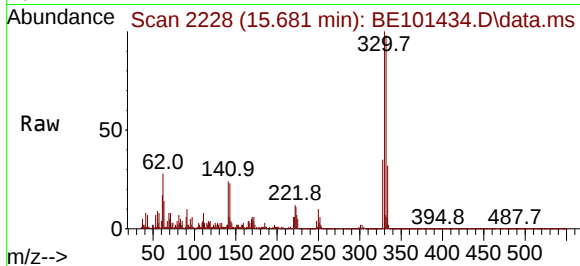
Tgt Ion:330 Resp: 131595

Ion Ratio Lower Upper

330 100

332 98.2 78.2 117.2

141 22.5 18.3 27.5



#45

2-Fluorobiphenyl

Concen: 11.627 ng

RT: 12.796 min Scan# 1737

Delta R.T. -0.010 min

Lab File: BE101434.D

Acq: 31 Oct 2024 15:50

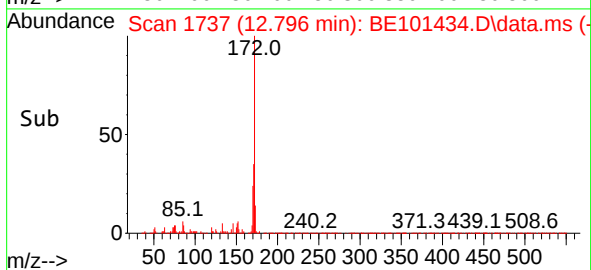
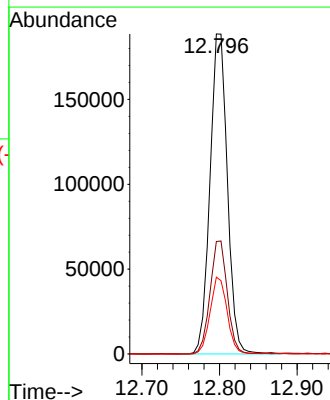
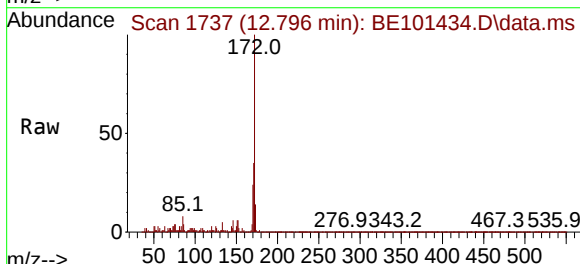
Tgt Ion:172 Resp: 294586

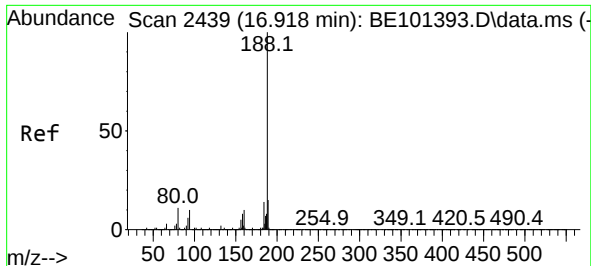
Ion Ratio Lower Upper

172 100

171 35.2 29.2 43.8

170 24.0 19.8 29.6

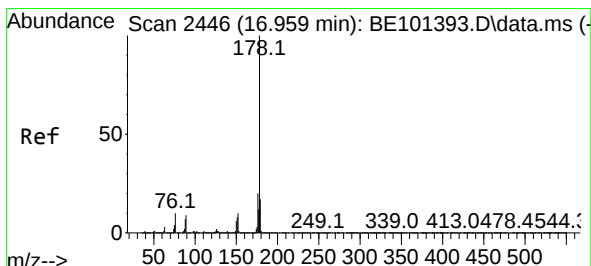
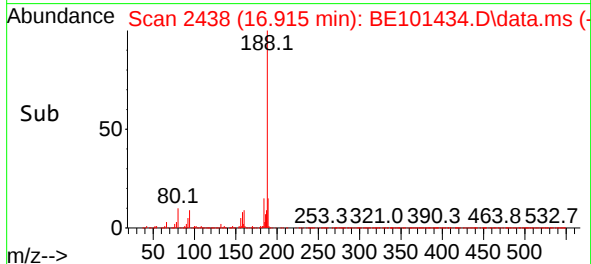
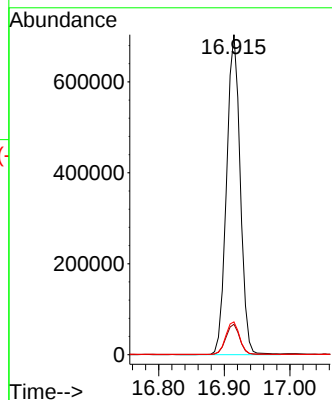
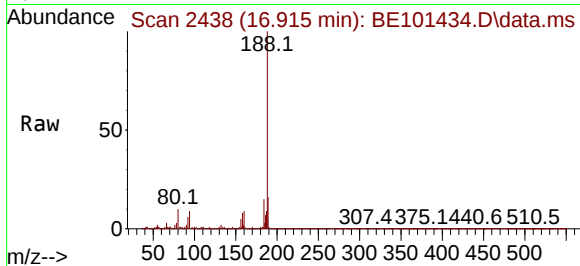




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.915 min Scan# 2439
Delta R.T. -0.004 min
Lab File: BE101434.D
Acq: 31 Oct 2024 15:50

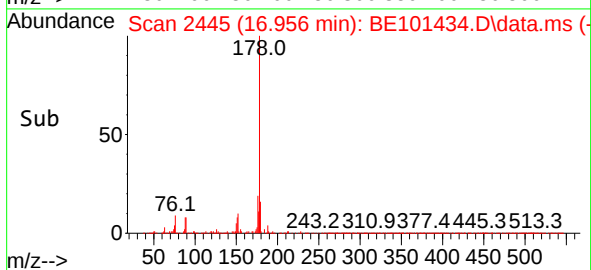
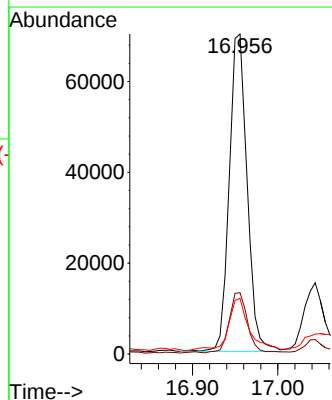
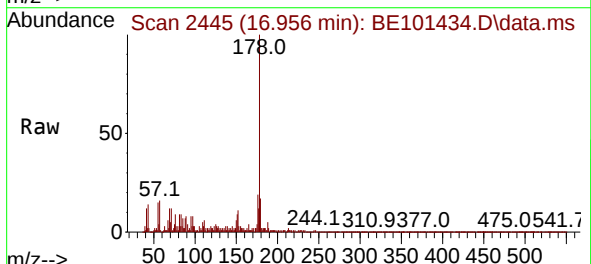
Instrument :
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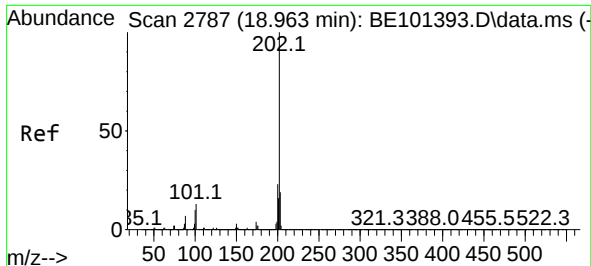
Tgt Ion:188 Resp: 1012535
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.8
80 10.2 8.6 12.8



#71
Phenanthrene
Concen: 2.101 ng
RT: 16.956 min Scan# 2445
Delta R.T. -0.004 min
Lab File: BE101434.D
Acq: 31 Oct 2024 15:50

Tgt Ion:178 Resp: 101855
Ion Ratio Lower Upper
178 100
176 19.2 16.4 24.6
179 17.4 13.2 19.8

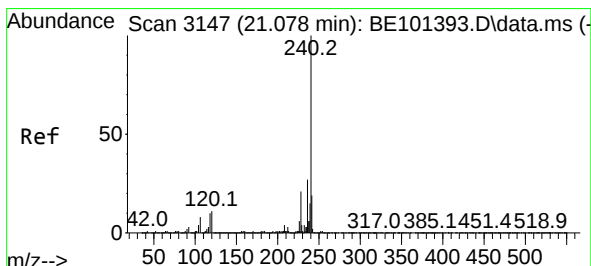
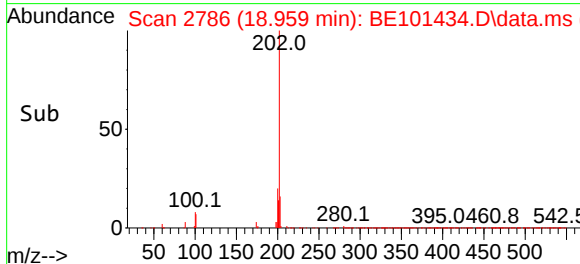
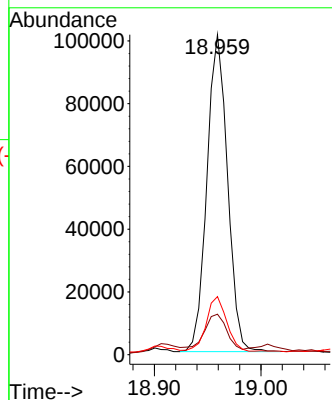
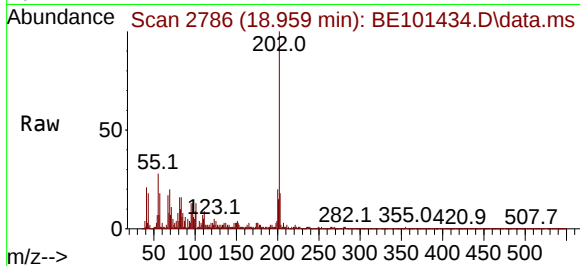




#75
Fluoranthene
Concen: 2.303 ng
RT: 18.959 min Scan# 21
Delta R.T. -0.004 min
Lab File: BE101434.D
Acq: 31 Oct 2024 15:50

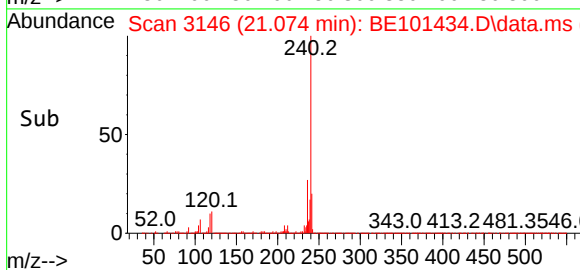
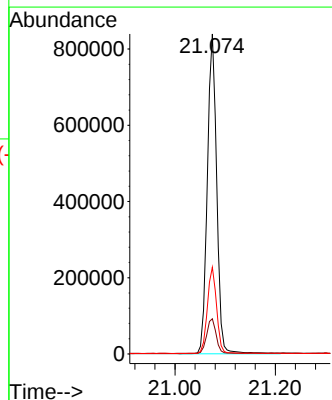
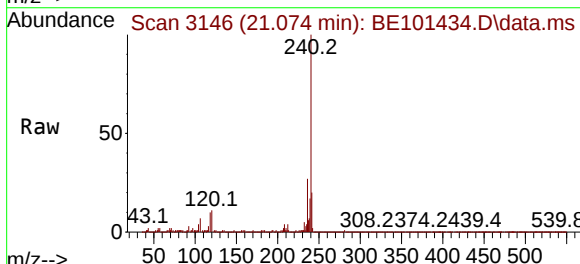
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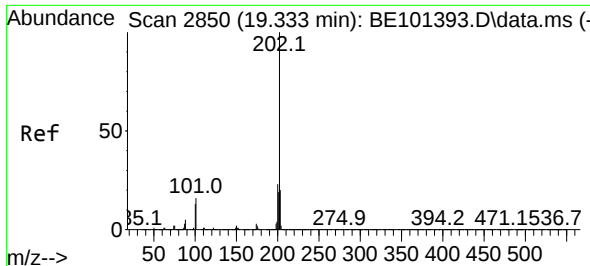
Tgt Ion:202 Resp: 135575
Ion Ratio Lower Upper
202 100
101 12.7 0.0 33.3
203 18.2 0.0 39.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.074 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BE101434.D
Acq: 31 Oct 2024 15:50

Tgt Ion:240 Resp: 1092047
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.4
236 27.1 21.4 32.0

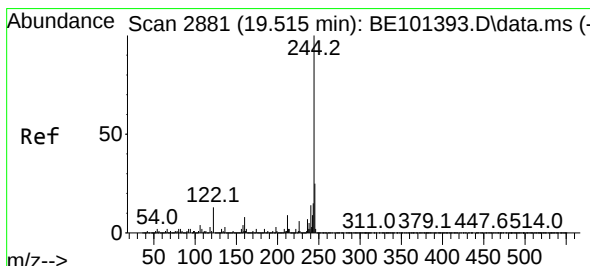
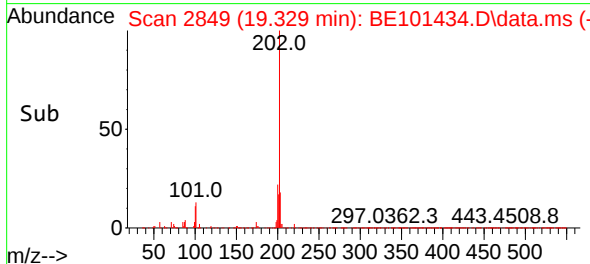
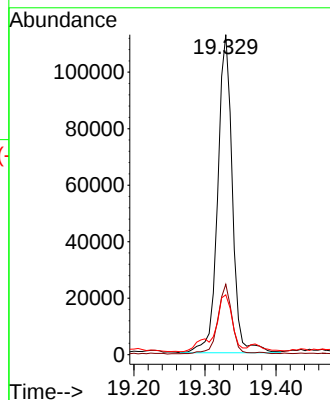
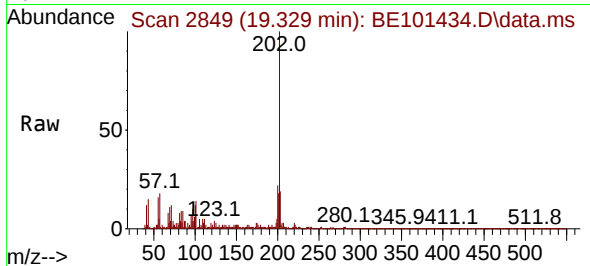




#78
Pyrene
Concen: 2.664 ng
RT: 19.329 min Scan# 2849
Delta R.T. -0.004 min
Lab File: BE101434.D
Acq: 31 Oct 2024 15:50

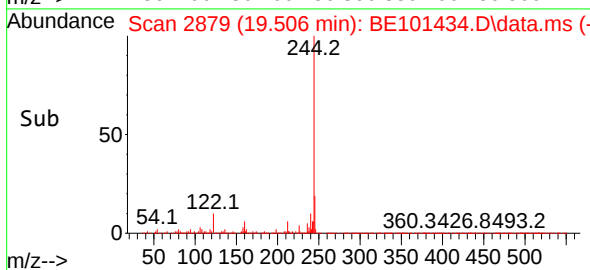
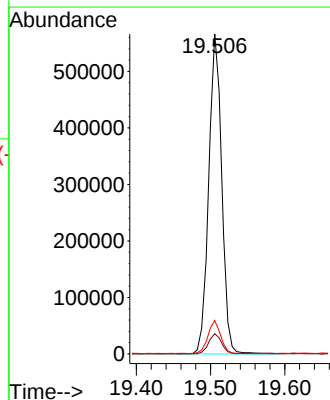
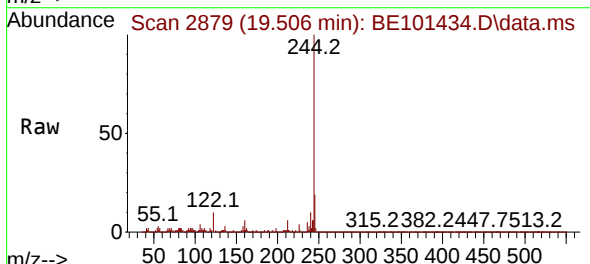
Instrument :
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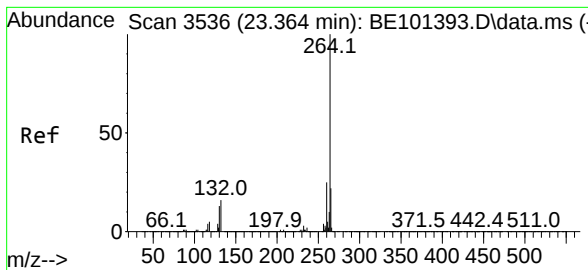
Tgt Ion:202 Resp: 159975
Ion Ratio Lower Upper
202 100
200 22.0 18.6 28.0
203 18.7 15.6 23.4



#79
Terphenyl-d14
Concen: 14.511 ng
RT: 19.506 min Scan# 2879
Delta R.T. -0.009 min
Lab File: BE101434.D
Acq: 31 Oct 2024 15:50

Tgt Ion:244 Resp: 688531
Ion Ratio Lower Upper
244 100
212 6.4 7.2 10.8#
122 10.5 10.4 15.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.366 min Scan# 31
 Delta R.T. 0.002 min
 Lab File: BE101434.D
 Acq: 31 Oct 2024 15:50

Instrument :
 BNA_E
 ClientSampleId :
 EO-02-103024

Tgt Ion:264 Resp: 1412315

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.8
265	22.5	17.6	26.4

