

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE041921\
 Data File : BE101310.D
 Acq On : 19 Apr 2021 20:00
 Operator : CG/JU
 Sample : PB135482BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB135482BL

Quant Time: Apr 20 06:29:58 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE041921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 19 18:59:35 2021
 Response via : Initial Calibration

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

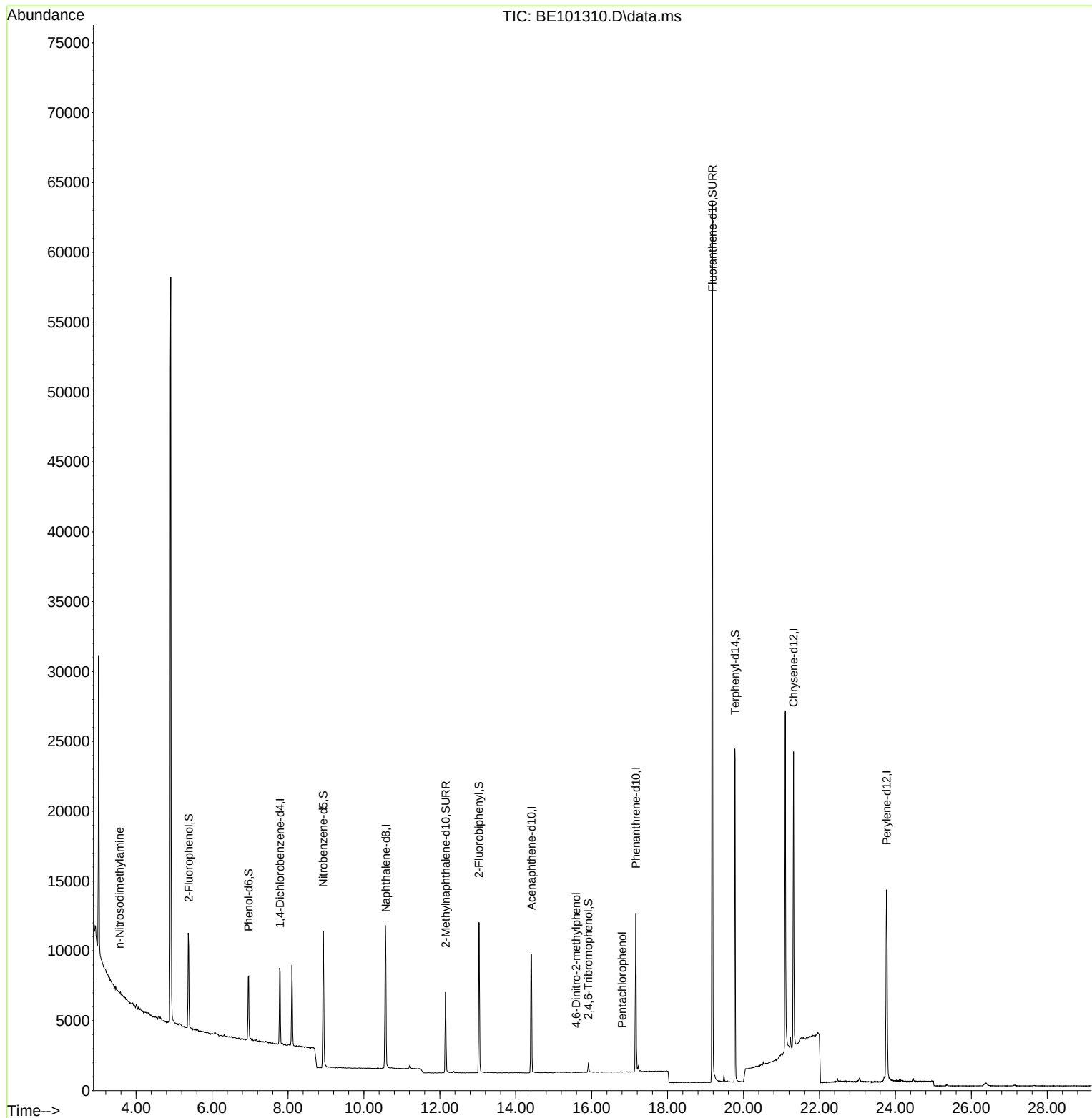
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	2861	0.40	ng	0.00
7) Naphthalene-d8	10.577	136	11325	0.40	ng	0.00
13) Acenaphthene-d10	14.414	164	6418	0.40	ng	0.00
19) Phenanthrene-d10	17.165	188	16047	0.40	ng	0.00
29) Chrysene-d12	21.318	240	20607	0.40	ng	0.00
36) Perylene-d12	23.771	264	21380	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.385	112	3367	0.42	ng	0.00
5) Phenol-d6	6.963	99	4674	0.40	ng	0.00
8) Nitrobenzene-d5	8.927	82	3846	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.152	152	7271	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.910	330	353	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.031	172	10056	0.43	ng	0.00
27) Fluoranthene-d10	19.180	212	85409	0.32	ng	0.00
31) Terphenyl-d14	19.778	244	21365	0.46	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.565	42	231	0.04	ng	# 7
20) 4,6-Dinitro-2-methylph...	15.593	198	7	0.19	ng	# 1
24) Pentachlorophenol	16.802	266	9	0.33	ng	# 11

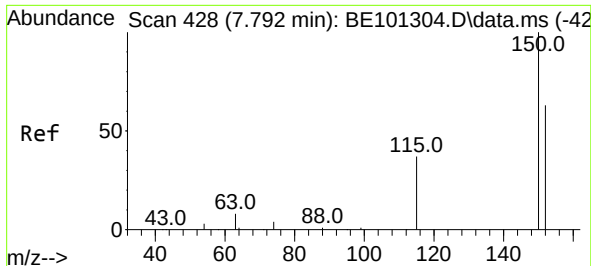
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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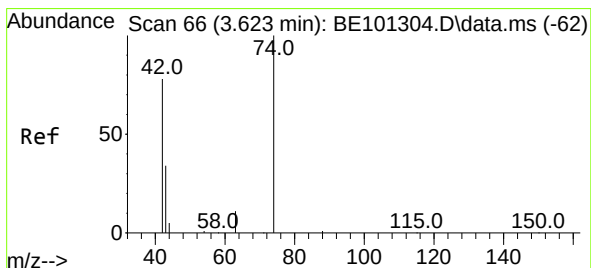
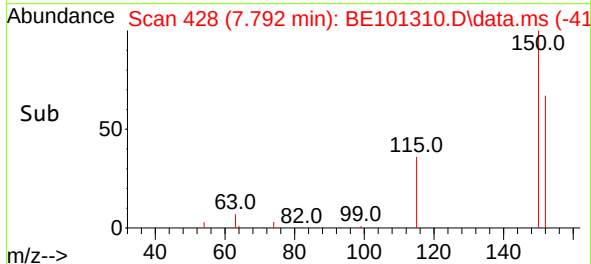
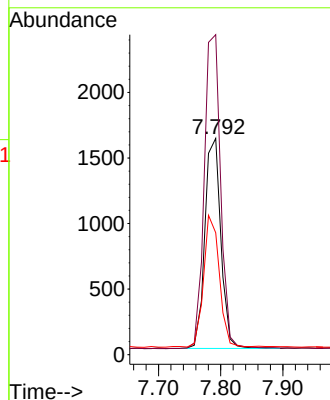
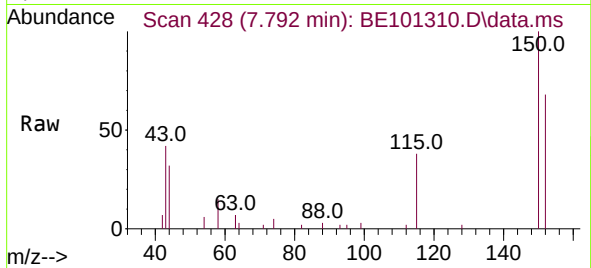




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.792 min Scan# 428
Delta R.T. -0.000 min
Lab File: BE101310.D
Acq: 19 Apr 2021 20:00

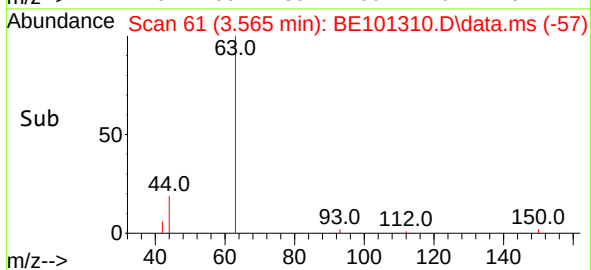
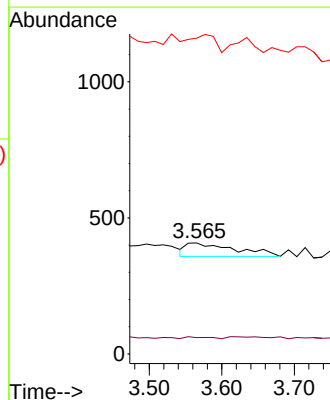
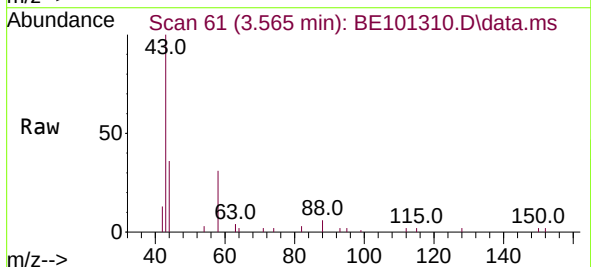
Instrument :
BNA_E
ClientSampleId :
PB135482BL

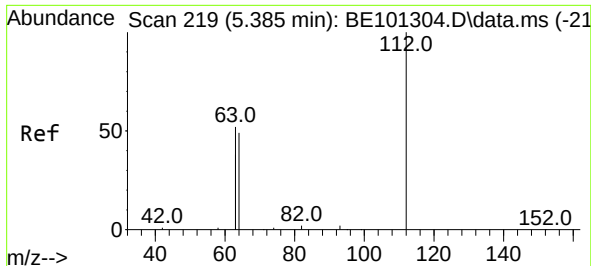
Tgt Ion: 152 Resp: 2861
Ion Ratio Lower Upper
152 100
150 148.0 124.8 187.2
115 56.4 48.7 73.1



#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.565 min Scan# 61
Delta R.T. -0.058 min
Lab File: BE101310.D
Acq: 19 Apr 2021 20:00

Tgt Ion: 42 Resp: 231
Ion Ratio Lower Upper
42 100
74 6.5 90.9 136.3#
44 0.0 9.2 13.8#

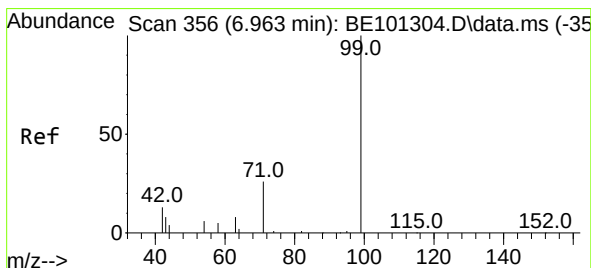
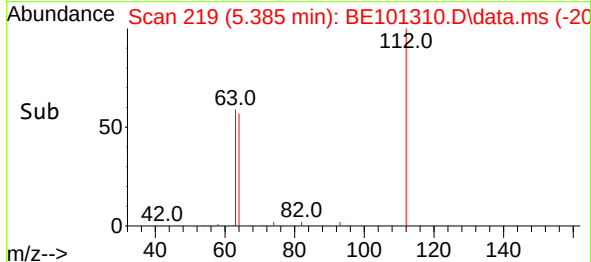
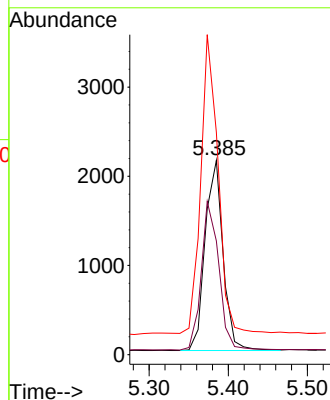
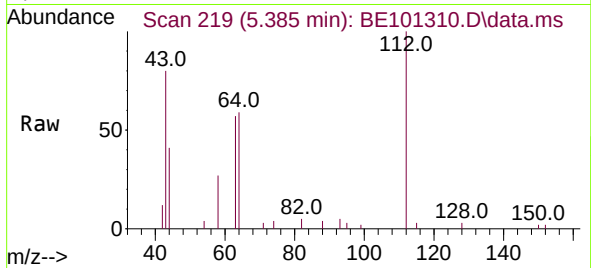




#4
2-Fluorophenol
Concen: 0.42 ng
RT: 5.385 min Scan# 219
Delta R.T. -0.000 min
Lab File: BE101310.D
Acq: 19 Apr 2021 20:00

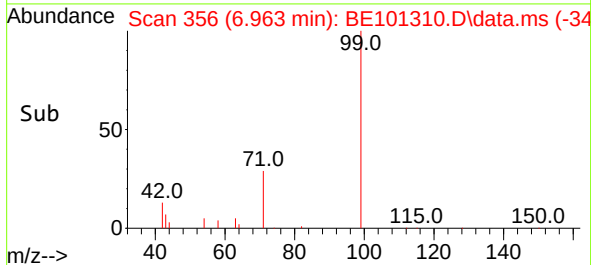
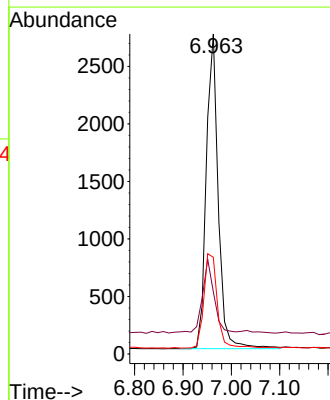
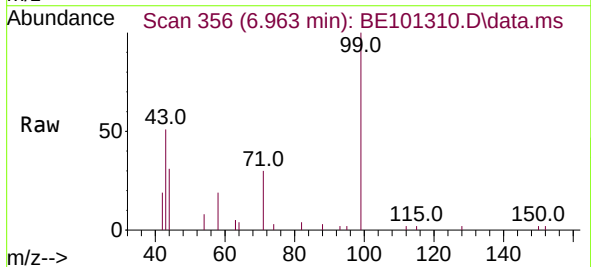
Instrument :
BNA_E
ClientSampleId :
PB135482BL

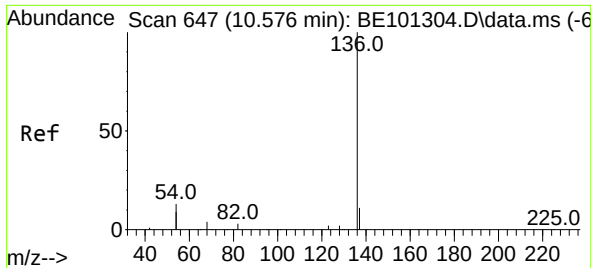
Tgt Ion: 112 Resp: 3367
Ion Ratio Lower Upper
112 100
64 76.4 62.8 94.2
63 155.9 120.8 181.2



#5
Phenol-d6
Concen: 0.40 ng
RT: 6.963 min Scan# 356
Delta R.T. -0.000 min
Lab File: BE101310.D
Acq: 19 Apr 2021 20:00

Tgt Ion: 99 Resp: 4674
Ion Ratio Lower Upper
99 100
42 21.7 18.8 28.2
71 33.9 26.6 40.0

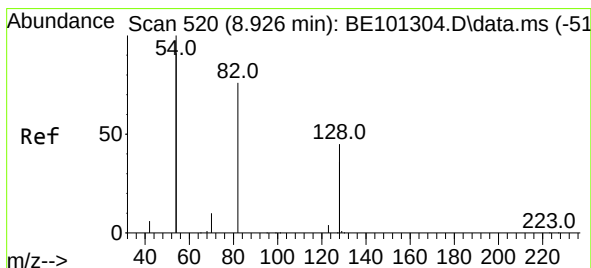
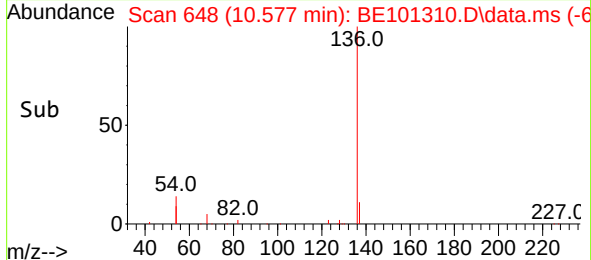
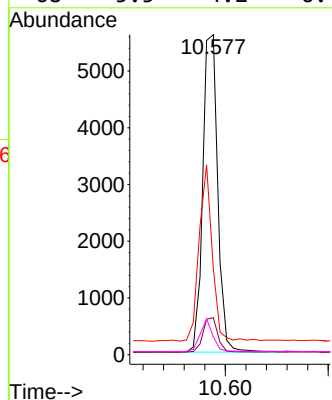
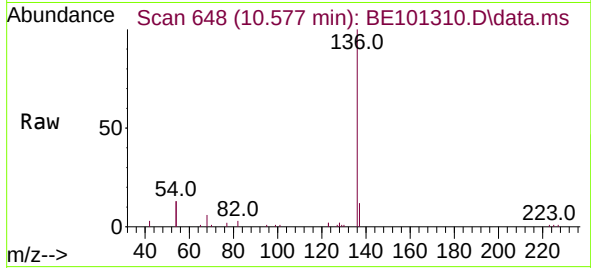




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.577 min Scan# 648
Delta R.T. 0.000 min
Lab File: BE101310.D
Acq: 19 Apr 2021 20:00

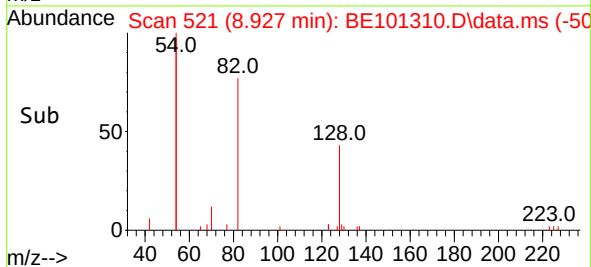
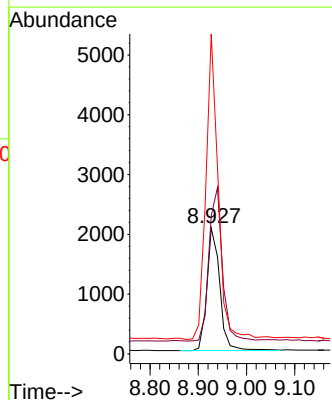
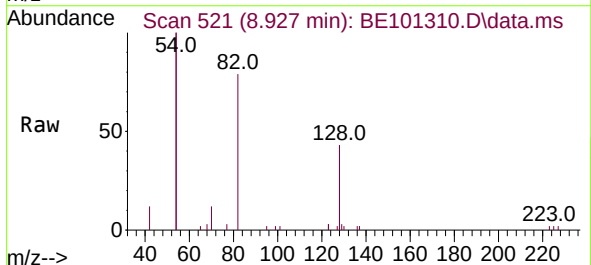
Instrument :
BNA_E
ClientSampleId :
PB135482BL

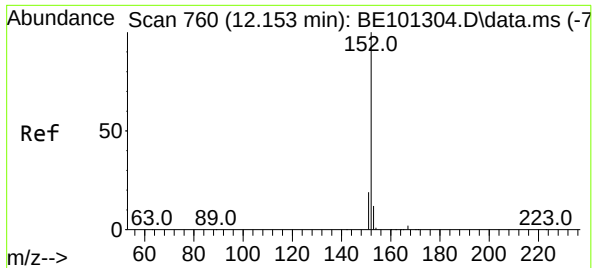
Tgt Ion:136	Resp:	11325
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.0 13.6
54	26.9	21.3 31.9
68	5.5	4.2 6.4



#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 8.927 min Scan# 521
Delta R.T. 0.000 min
Lab File: BE101310.D
Acq: 19 Apr 2021 20:00

Tgt Ion: 82	Resp:	3846
Ion Ratio	Lower	Upper
82	100	
128	109.9	91.2 136.8
54	254.5	204.0 306.0

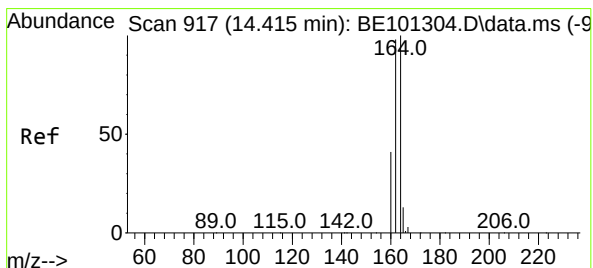
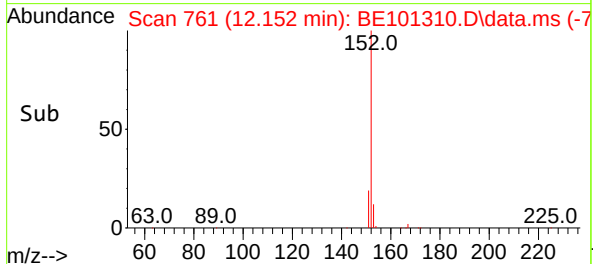
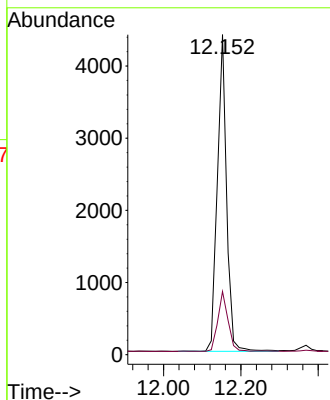
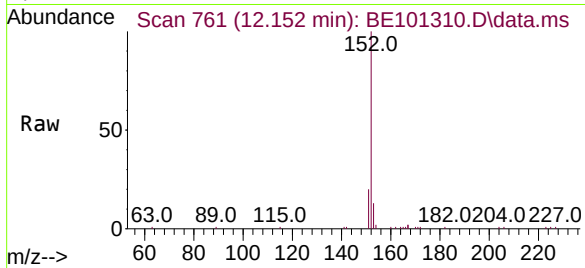




#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.152 min Scan# 761
Delta R.T. -0.001 min
Lab File: BE101310.D
Acq: 19 Apr 2021 20:00

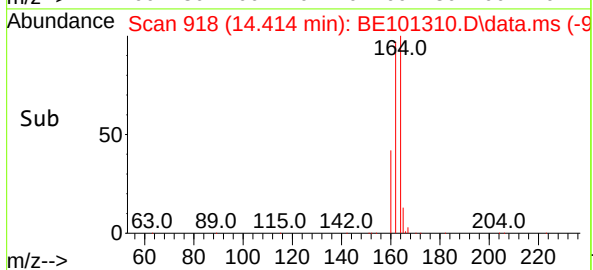
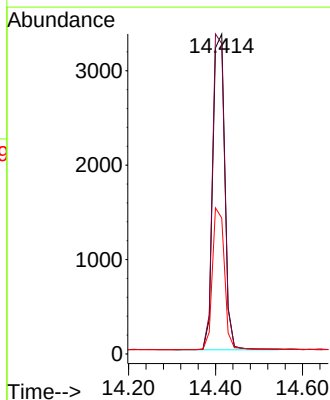
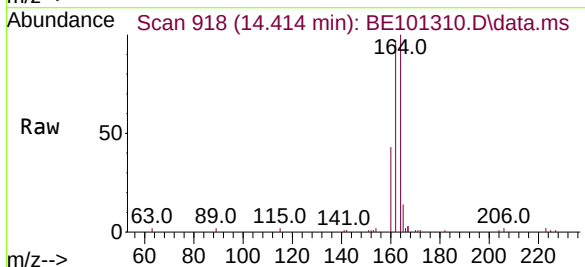
Instrument :
BNA_E
ClientSampleId :
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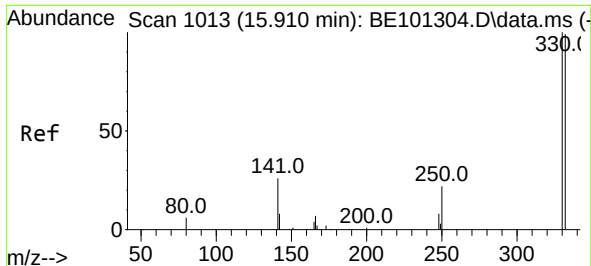
Tgt Ion:152 Resp: 7271
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.414 min Scan# 918
Delta R.T. -0.001 min
Lab File: BE101310.D
Acq: 19 Apr 2021 20:00

Tgt Ion:164 Resp: 6418
Ion Ratio Lower Upper
164 100
162 97.1 78.4 117.6
160 42.5 33.3 49.9

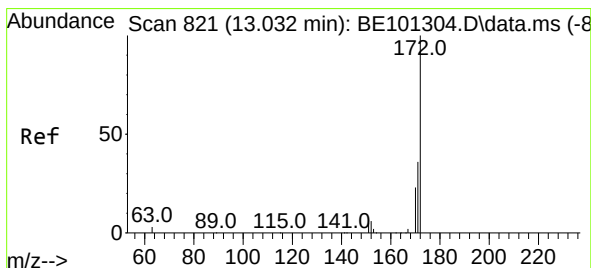
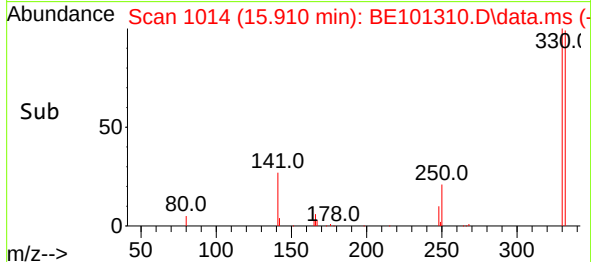
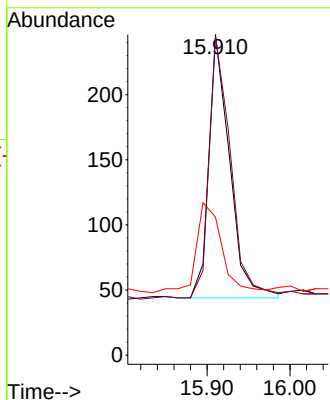
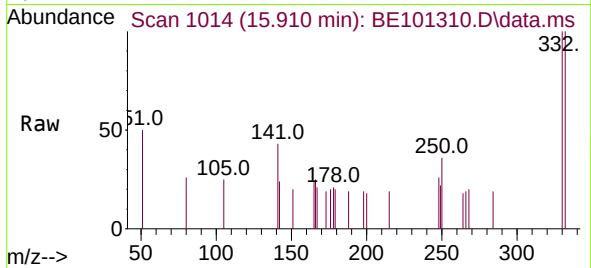




#14
2,4,6-Tribromophenol
Concen: 0.25 ng
RT: 15.910 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BE101310.D
Acq: 19 Apr 2021 20:00

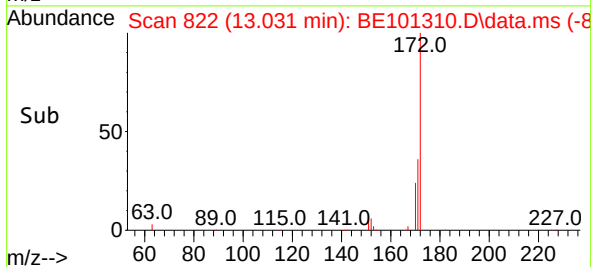
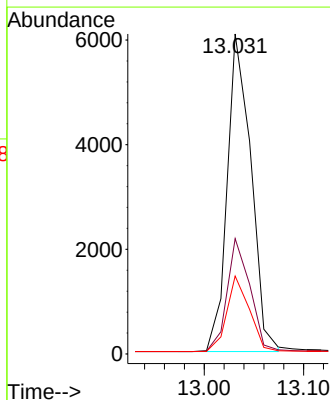
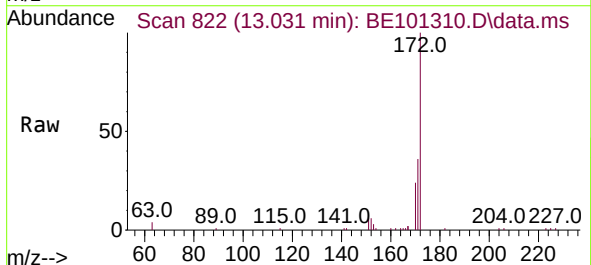
Instrument :
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ClientSampleId :
PB135482BL

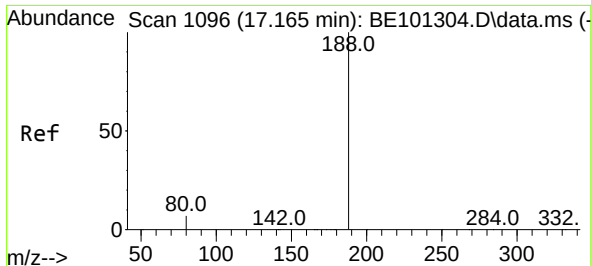
Tgt Ion:330 Resp: 353
Ion Ratio Lower Upper
330 100
332 103.1 79.7 119.5
141 41.9 33.2 49.8



#15
2-Fluorobiphenyl
Concen: 0.43 ng
RT: 13.031 min Scan# 822
Delta R.T. -0.001 min
Lab File: BE101310.D
Acq: 19 Apr 2021 20:00

Tgt Ion:172 Resp: 10056
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 24.4 19.1 28.7

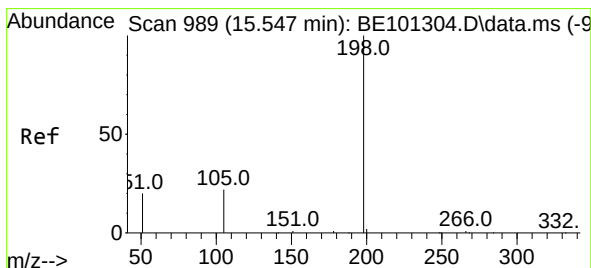
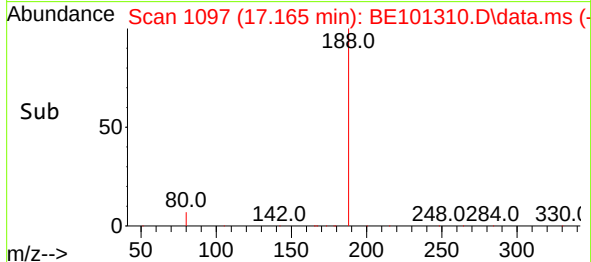
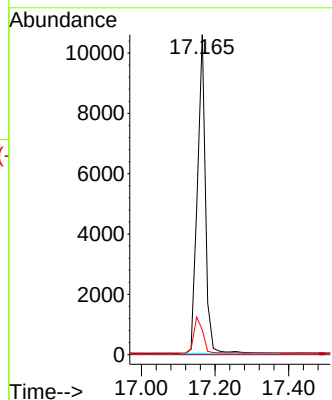
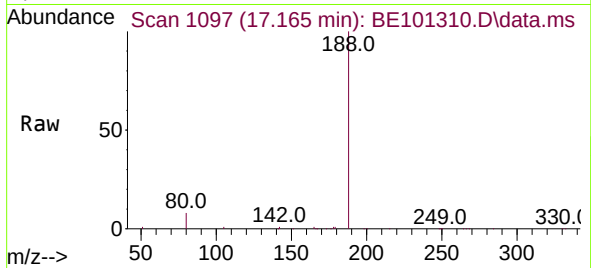




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.165 min Scan# 1097
Delta R.T. -0.000 min
Lab File: BE101310.D
Acq: 19 Apr 2021 20:00

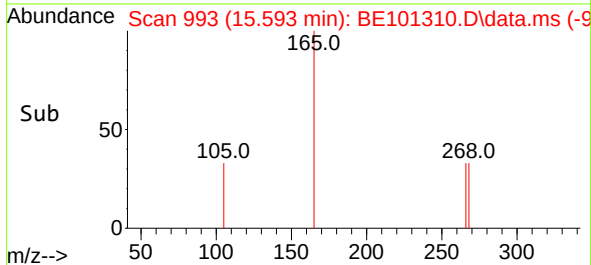
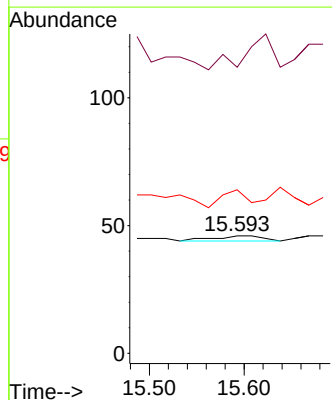
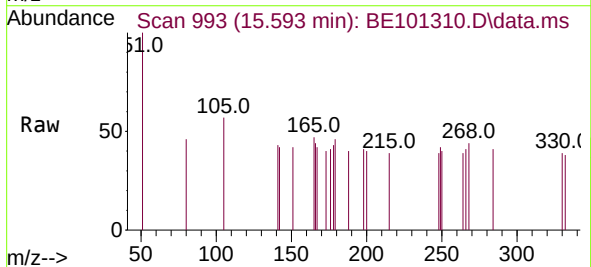
Instrument :
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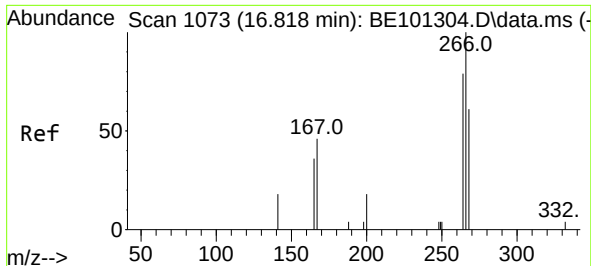
Tgt Ion:188 Resp: 16047
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 5.8 8.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.593 min Scan# 993
Delta R.T. 0.046 min
Lab File: BE101310.D
Acq: 19 Apr 2021 20:00

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 243.5 56.0 84.0#
105 139.1 36.7 55.1#

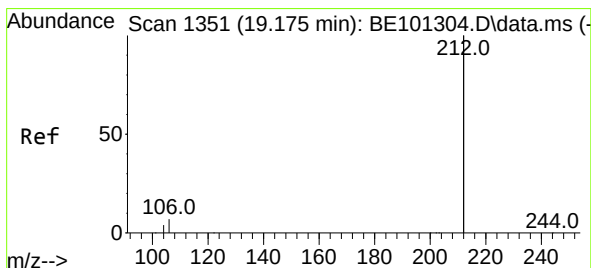
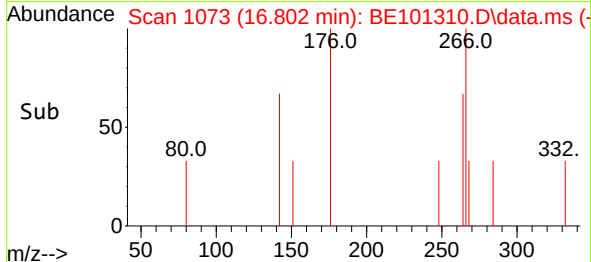
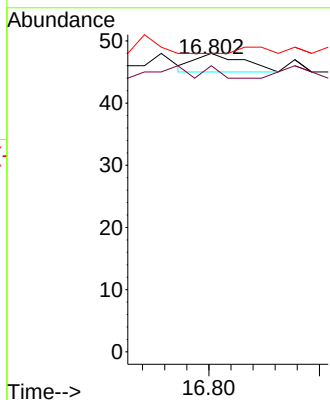
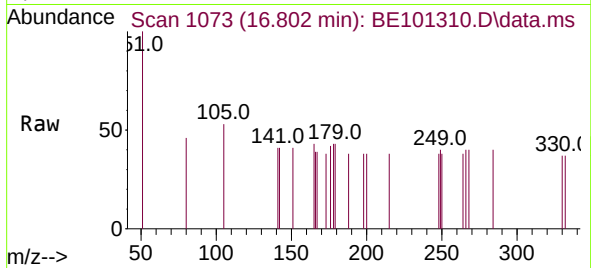




#24
 Pentachlorophenol
 Concen: 0.33 ng
 RT: 16.802 min Scan# 1073
 Delta R.T. -0.016 min
 Lab File: BE101310.D
 Acq: 19 Apr 2021 20:00

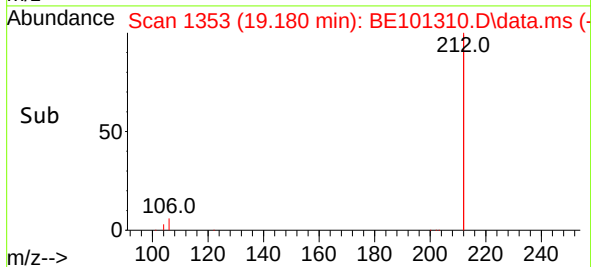
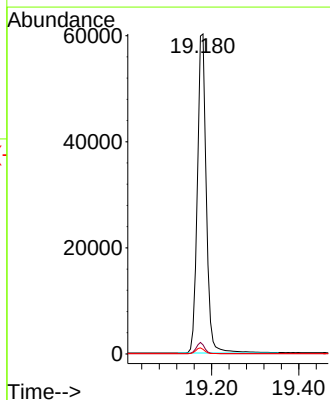
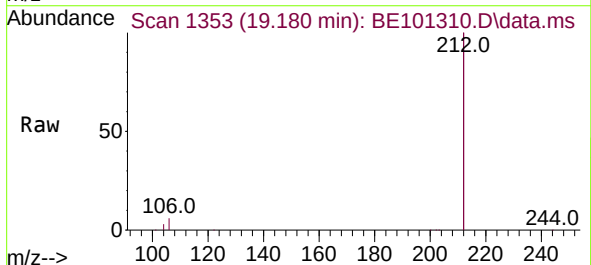
Instrument :
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 PB135482BL

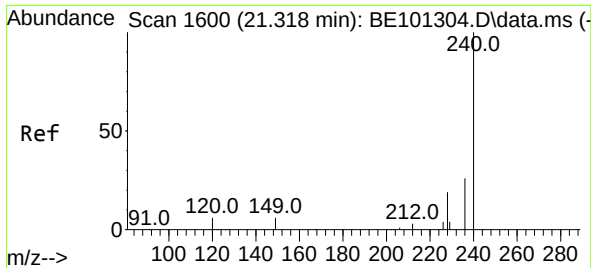
Tgt Ion:266 Resp: 9
 Ion Ratio Lower Upper
 266 100
 264 0.0 67.0 100.6#
 268 0.0 54.1 81.1#



#27
 Fluoranthene-d10
 Concen: 0.32 ng
 RT: 19.180 min Scan# 1353
 Delta R.T. 0.006 min
 Lab File: BE101310.D
 Acq: 19 Apr 2021 20:00

Tgt Ion:212 Resp: 85409
 Ion Ratio Lower Upper
 212 100
 106 3.3 2.6 4.0
 104 1.8 1.4 2.2

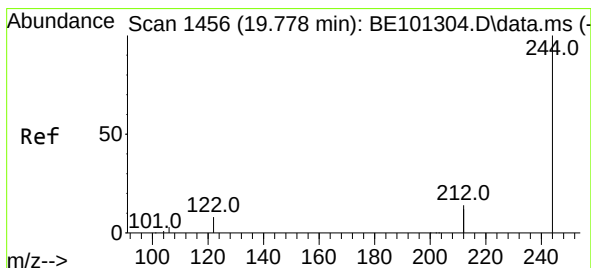
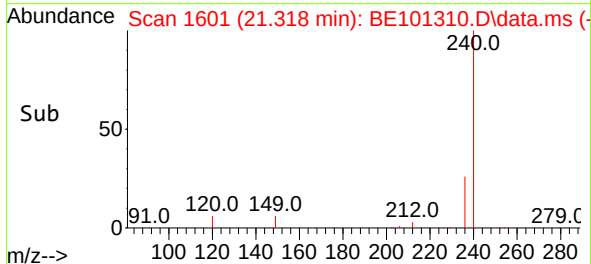
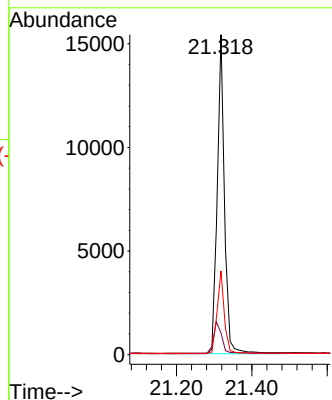
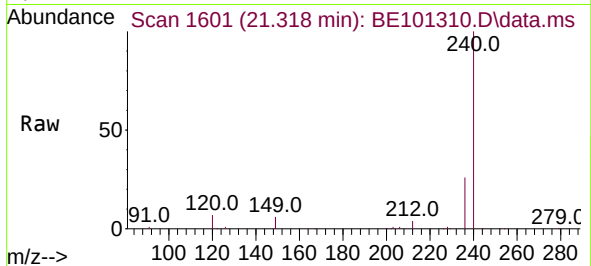




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.318 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BE101310.D
Acq: 19 Apr 2021 20:00

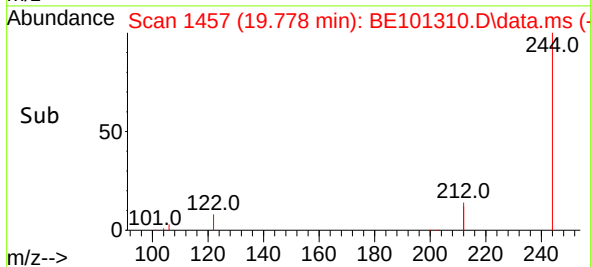
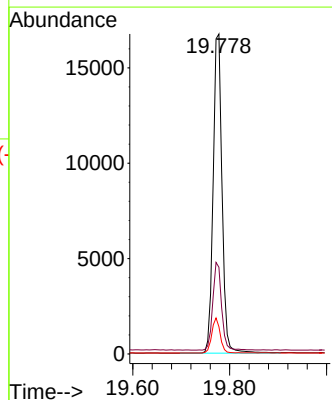
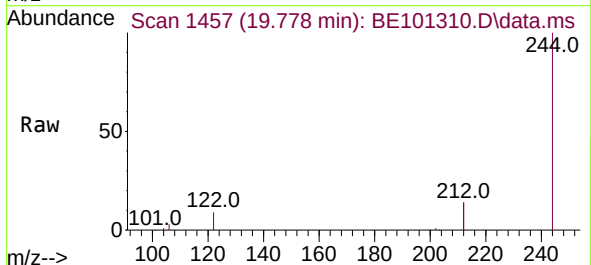
Instrument :
BNA_E
ClientSampleId :
PB135482BL

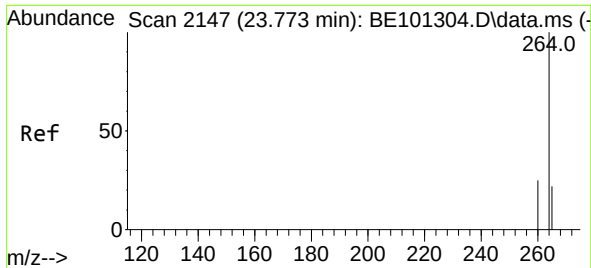
Tgt Ion:240 Resp: 20607
Ion Ratio Lower Upper
240 100
120 6.8 5.3 7.9
236 26.2 21.0 31.4



#31
Terphenyl-d14
Concen: 0.46 ng
RT: 19.778 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BE101310.D
Acq: 19 Apr 2021 20:00

Tgt Ion:244 Resp: 21365
Ion Ratio Lower Upper
244 100
212 27.1 21.7 32.5
122 8.5 6.7 10.1





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.771 min Scan# 2147
 Delta R.T. -0.002 min
 Lab File: BE101310.D
 Acq: 19 Apr 2021 20:00

Instrument :
 BNA_E
 ClientSampleId :
 PB135482BL

Tgt Ion:264	Resp:	21380
Ion Ratio	Lower	Upper
264	100	
260	24.5	20.1 30.1
265	23.7	19.4 29.0

