

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010121\
 Data File : BM028324.D
 Acq On : 01 Jan 2021 02:28
 Operator : JU/CG
 Sample : L5139-03DL 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RE115D2-20201215DL

Quant Time: Jan 01 03:00:24 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-SIM-BM010121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 16:18:03 2020
 Response via : Initial Calibration

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

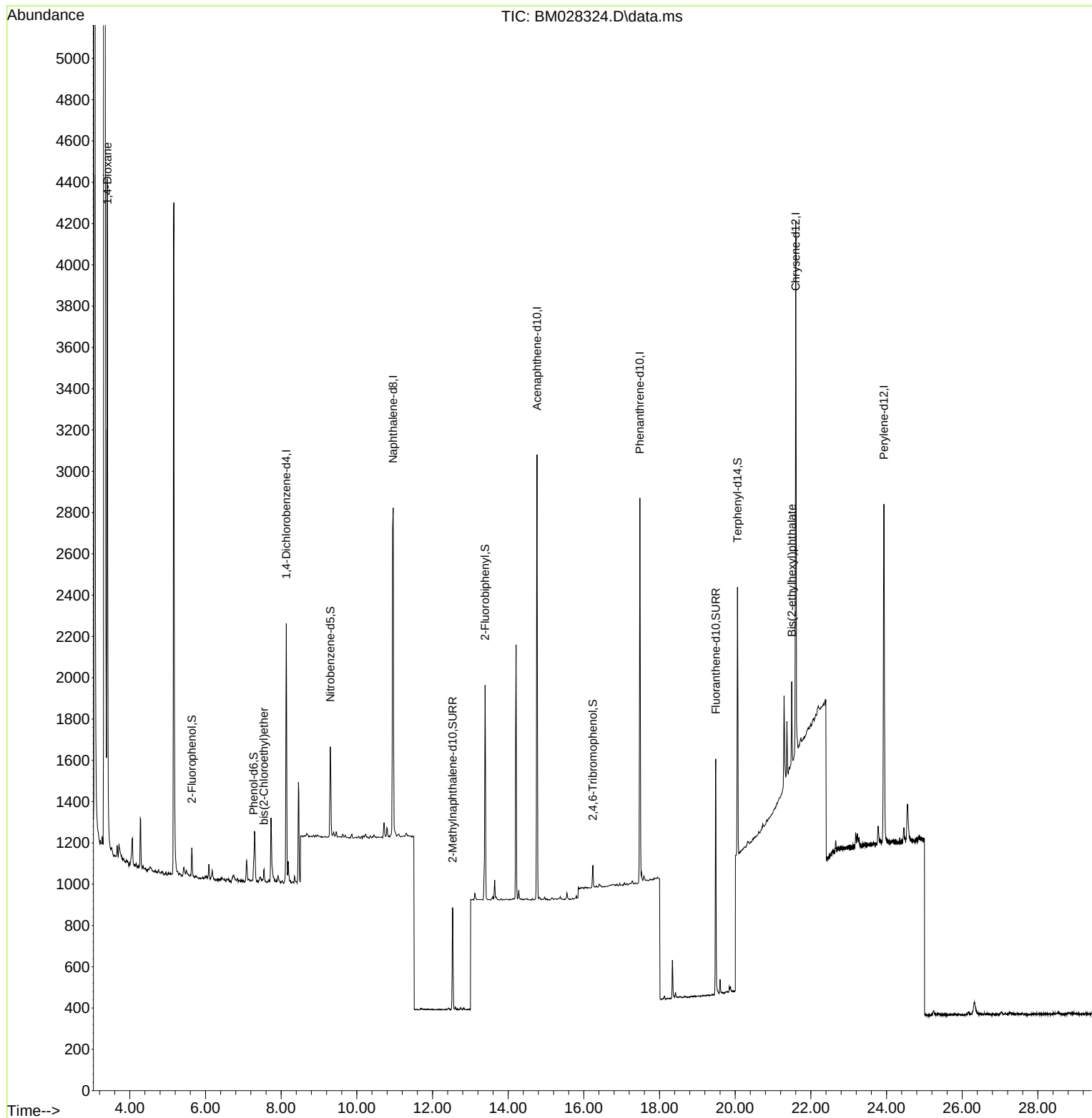
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.135	152	580	0.40	ng	0.00
7) Naphthalene-d8	10.959	136	2329	0.40	ng	0.00
13) Acenaphthene-d10	14.764	164	1194	0.40	ng	0.00
19) Phenanthrene-d10	17.481	188	2374	0.40	ng	# 0.00
27) Chrysene-d12	21.601	240	2339	0.40	ng	#-0.01
34) Perylene-d12	23.931	264	2240	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.638	112	105	0.05	ng	0.00
5) Phenol-d6	7.273	99	86	0.03	ng	0.00
8) Nitrobenzene-d5	9.299	82	344	0.16	ng	0.00
11) 2-Methylnaphthalene-d10	12.531	152	656	0.16	ng	0.00
14) 2,4,6-Tribromophenol	16.237	330	56	0.09	ng	0.00
15) 2-Fluorobiphenyl	13.390	172	869	0.17	ng	0.00
25) Fluoranthene-d10	19.486	212	1279	0.17	ng	0.00
29) Terphenyl-d14	20.061	244	1178	0.21	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.408	88	1875	2.30	ng	89
6) bis(2-Chloroethyl)ether	7.547	93	47	0.03	ng	97
32) Bis(2-ethylhexyl)phtha...	21.494	149	336	0.09	ng	95

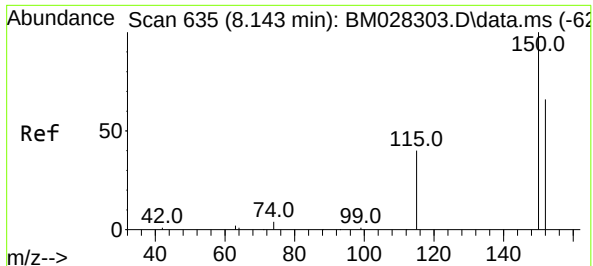
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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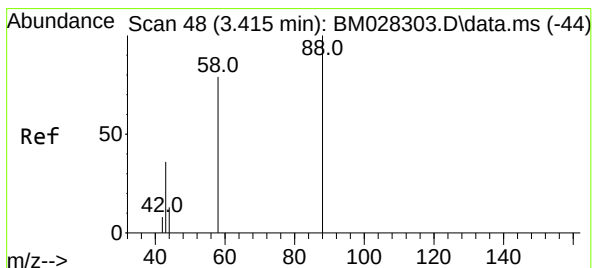
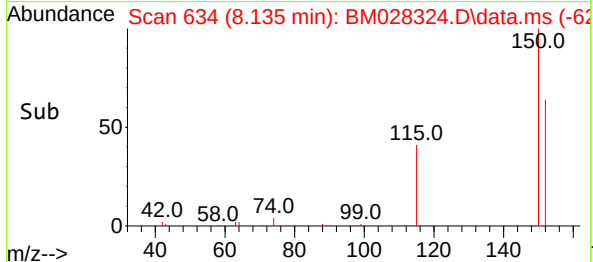
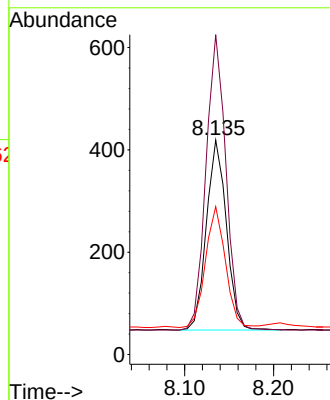
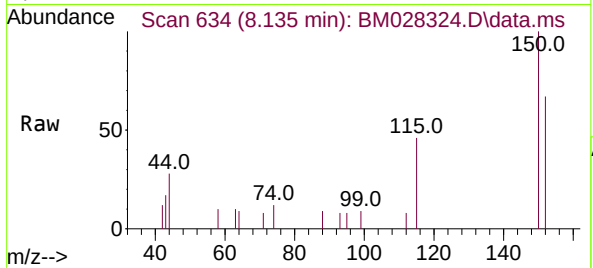




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 8.135 min Scan# 634
 Delta R.T. -0.008 min
 Lab File: BM028324.D
 Acq: 01 Jan 2021 02:28

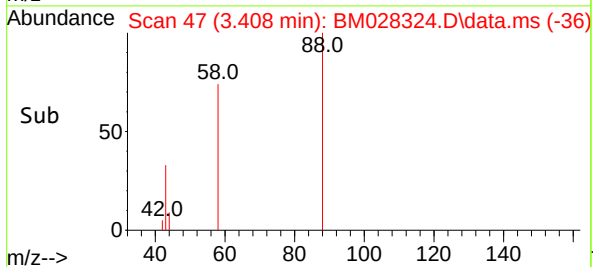
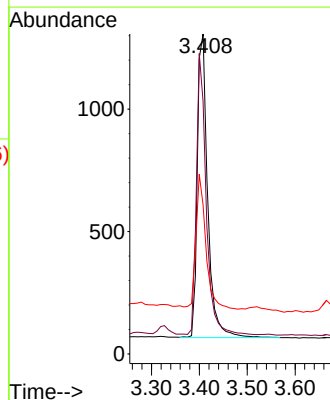
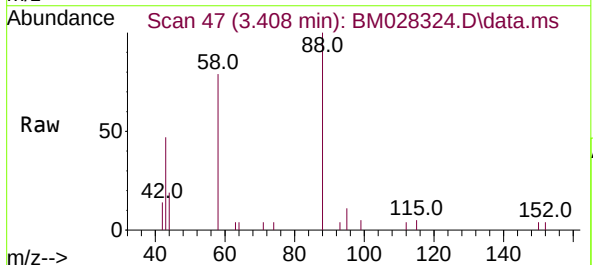
Instrument :
 BNA_M
 ClientSampleId :
 RE115D2-20201215DL

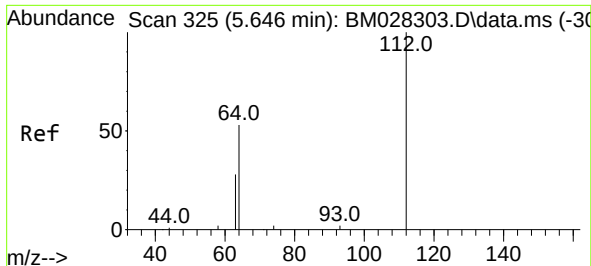
Tgt Ion: 152 Resp: 580
 Ion Ratio Lower Upper
 152 100
 150 149.2 116.6 174.8
 115 69.0 52.9 79.3



#2
 1,4-Dioxane
 Concen: 2.30 ng
 RT: 3.408 min Scan# 47
 Delta R.T. -0.008 min
 Lab File: BM028324.D
 Acq: 01 Jan 2021 02:28

Tgt Ion: 88 Resp: 1875
 Ion Ratio Lower Upper
 88 100
 58 87.4 59.4 89.2
 43 42.6 32.3 48.5

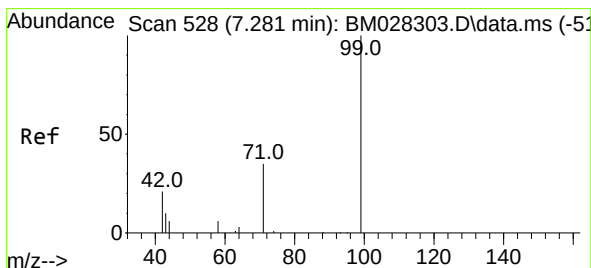
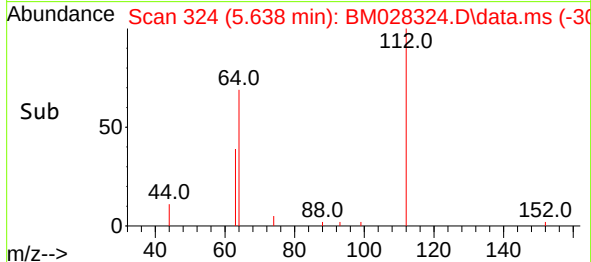
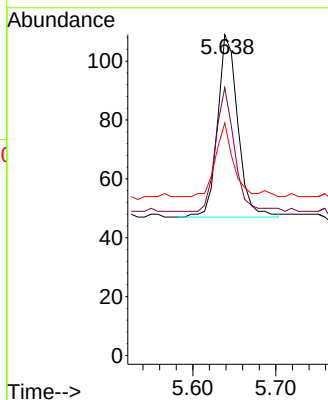
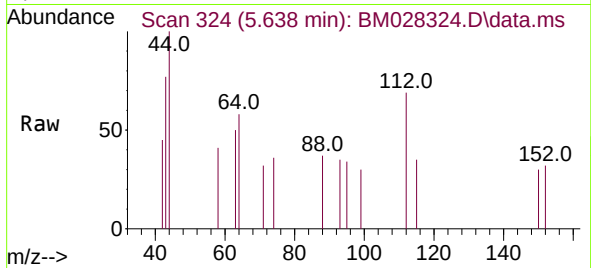




#4
2-Fluorophenol
Concen: 0.05 ng
RT: 5.638 min Scan# 324
Delta R.T. -0.008 min
Lab File: BM028324.D
Acq: 01 Jan 2021 02:28

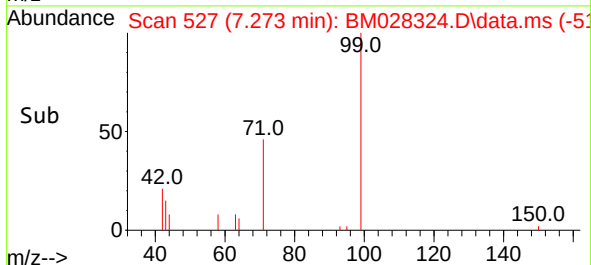
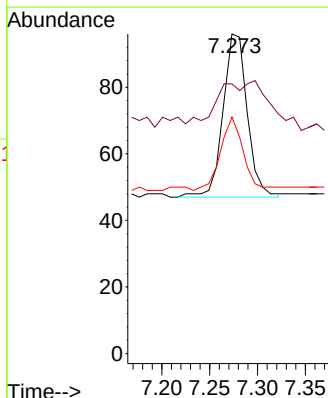
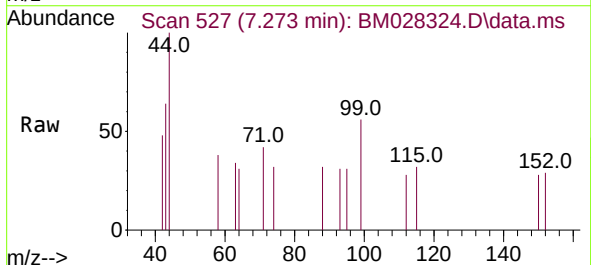
Instrument :
BNA_M
ClientSampleId :
RE115D2-20201215DL

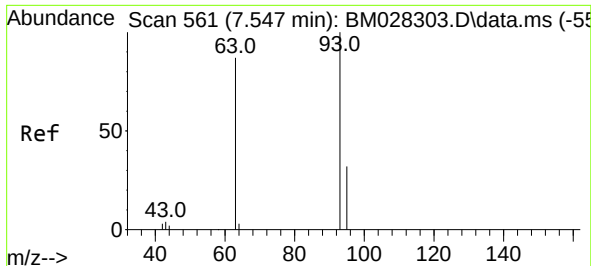
Tgt Ion:	112	Resp:	105
Ion	Ratio	Lower	Upper
112	100		
64	63.8	49.5	74.3
63	35.2	32.0	48.0



#5
Phenol-d6
Concen: 0.03 ng
RT: 7.273 min Scan# 527
Delta R.T. -0.008 min
Lab File: BM028324.D
Acq: 01 Jan 2021 02:28

Tgt Ion:	99	Resp:	86
Ion	Ratio	Lower	Upper
99	100		
42	25.6	22.4	33.6
71	47.7	37.8	56.6

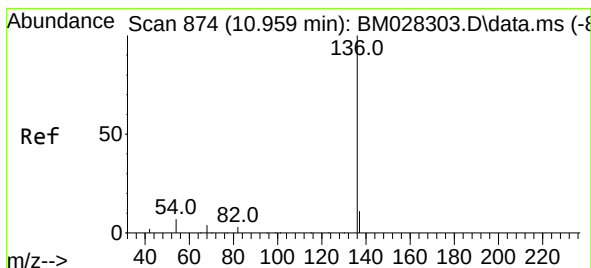
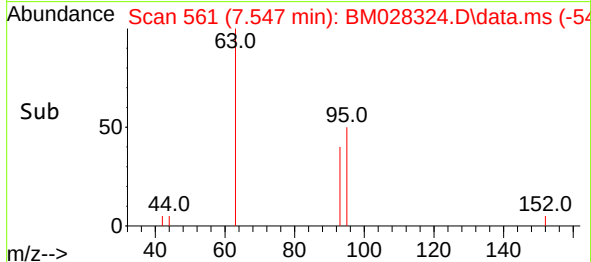
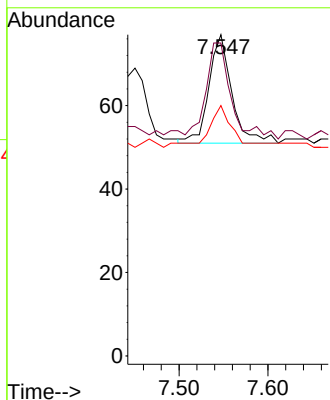
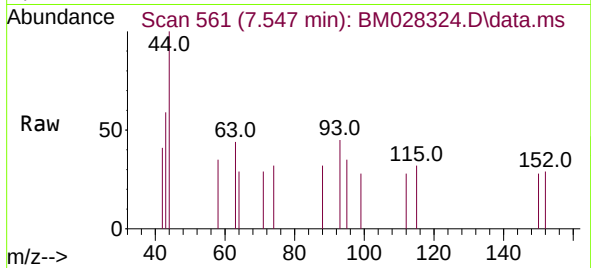




#6
bis(2-Chloroethyl)ether
Concen: 0.03 ng
RT: 7.547 min Scan# 561
Delta R.T. 0.000 min
Lab File: BM028324.D
Acq: 01 Jan 2021 02:28

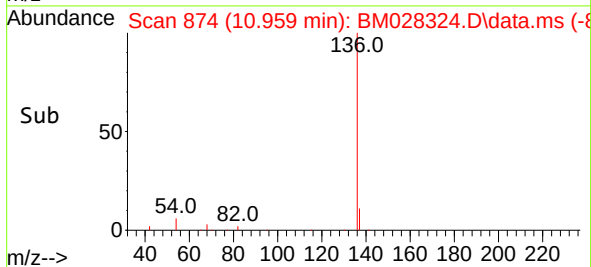
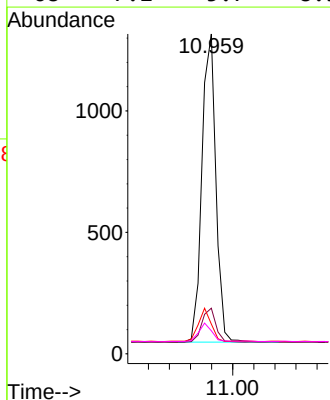
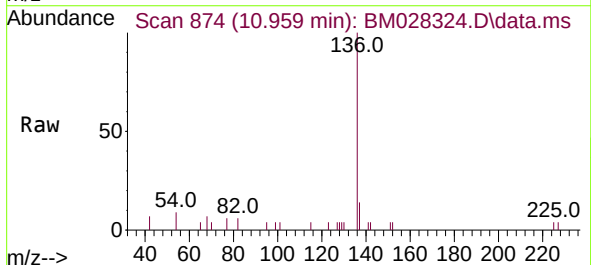
Instrument :
BNA_M
ClientSampleId :
RE115D2-20201215DL

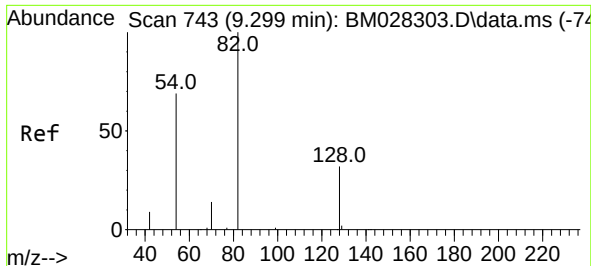
Tgt Ion:	93	Resp:	47
Ion	Ratio	Lower	Upper
93	100		
63	80.9	63.1	94.7
95	29.8	26.1	39.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.959 min Scan# 874
Delta R.T. 0.000 min
Lab File: BM028324.D
Acq: 01 Jan 2021 02:28

Tgt Ion:	136	Resp:	2329
Ion	Ratio	Lower	Upper
136	100		
137	14.3	10.6	15.8
54	9.3	8.6	12.8
68	7.2	5.7	8.5

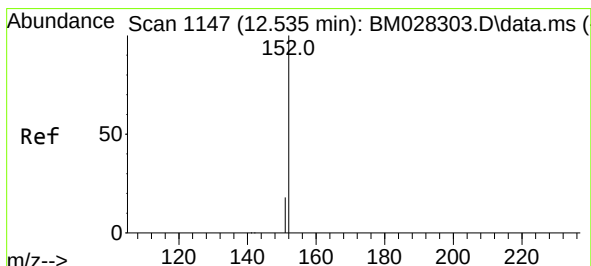
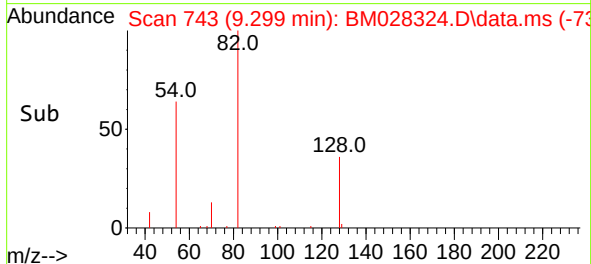
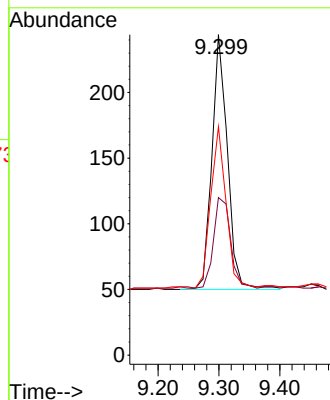
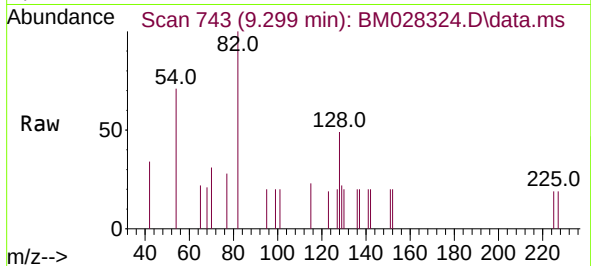




#8
Nitrobenzene-d5
Concen: 0.16 ng
RT: 9.299 min Scan# 743
Delta R.T. 0.000 min
Lab File: BM028324.D
Acq: 01 Jan 2021 02:28

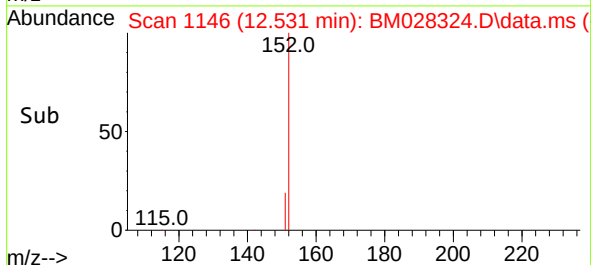
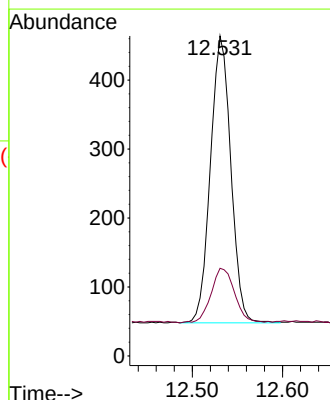
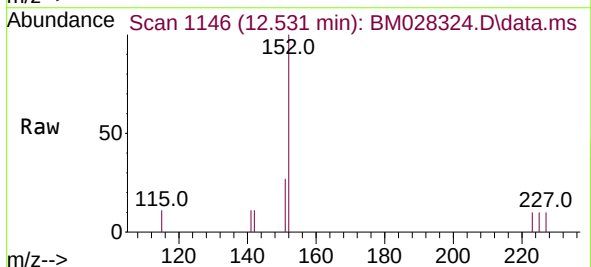
Instrument :
BNA_M
ClientSampleId :
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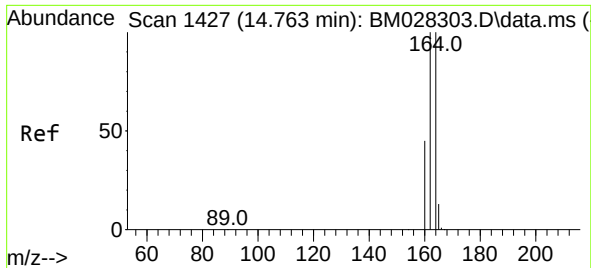
Tgt Ion: 82 Resp: 344
Ion Ratio Lower Upper
82 100
128 49.2 30.6 46.0#
54 71.3 48.3 72.5



#11
2-Methylnaphthalene-d10
Concen: 0.16 ng
RT: 12.531 min Scan# 1146
Delta R.T. -0.004 min
Lab File: BM028324.D
Acq: 01 Jan 2021 02:28

Tgt Ion:152 Resp: 656
Ion Ratio Lower Upper
152 100
151 22.0 16.7 25.1

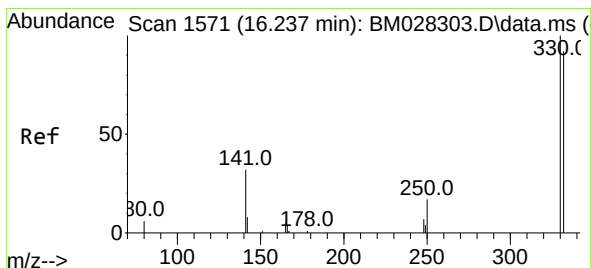
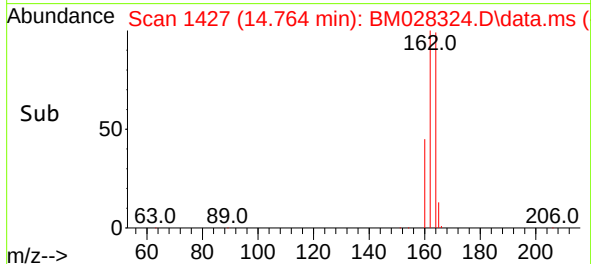
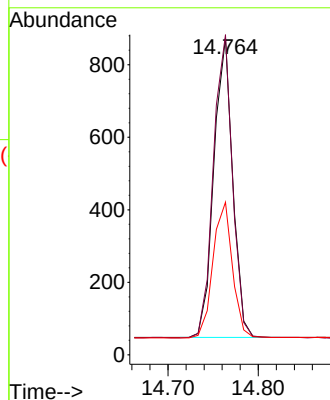
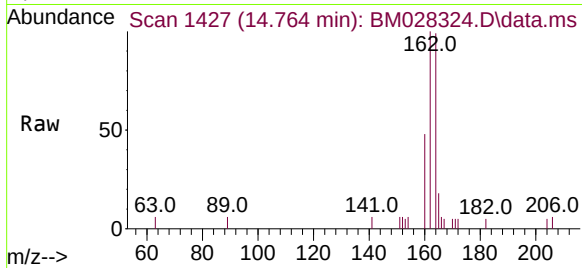




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.764 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BM028324.D
Acq: 01 Jan 2021 02:28

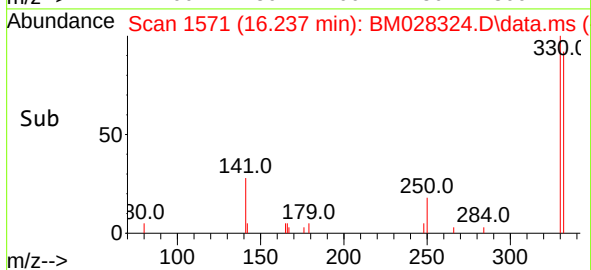
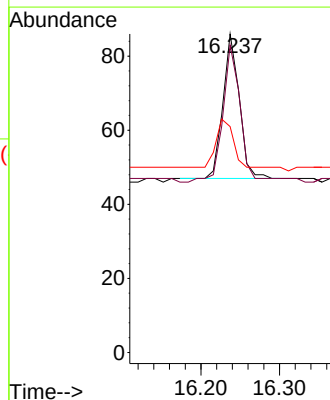
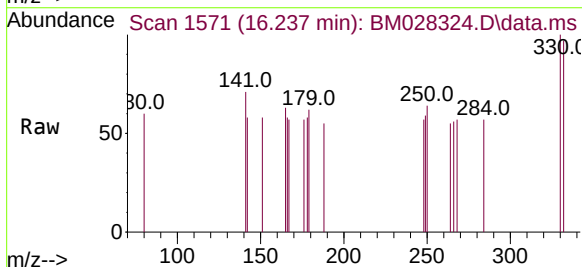
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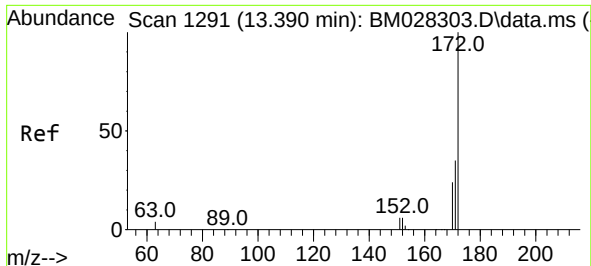
Tgt Ion:	164	Resp:	1194
Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.6	120.8
160	48.2	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.09 ng
RT: 16.237 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BM028324.D
Acq: 01 Jan 2021 02:28

Tgt Ion:	330	Resp:	56
Ion	Ratio	Lower	Upper
330	100		
332	100.0	0.0	0.0#
141	46.4	34.4	51.6

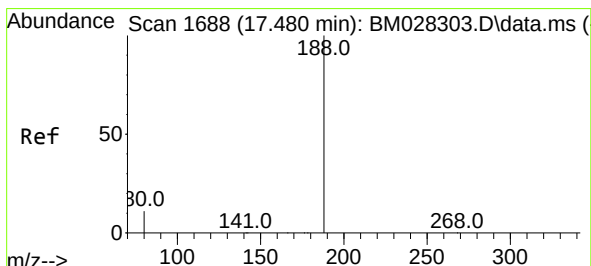
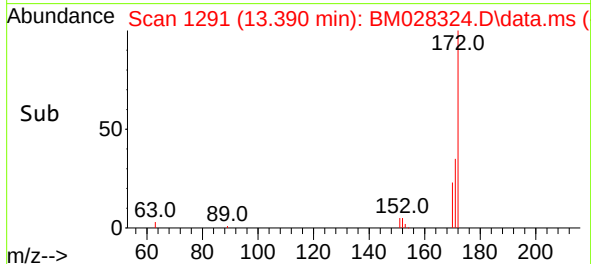
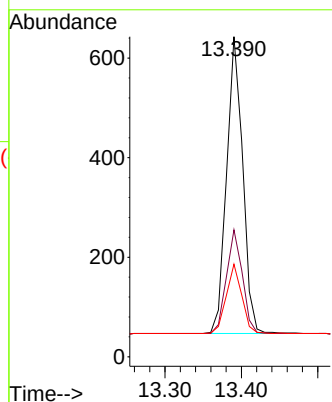
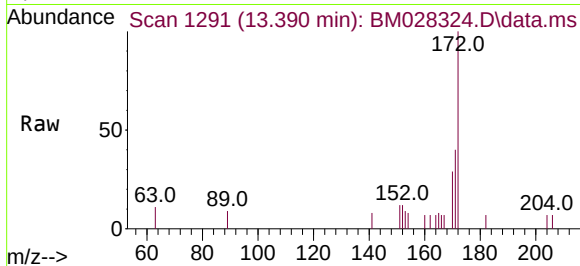




#15
2-Fluorobiphenyl
Concen: 0.17 ng
RT: 13.390 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BM028324.D
Acq: 01 Jan 2021 02:28

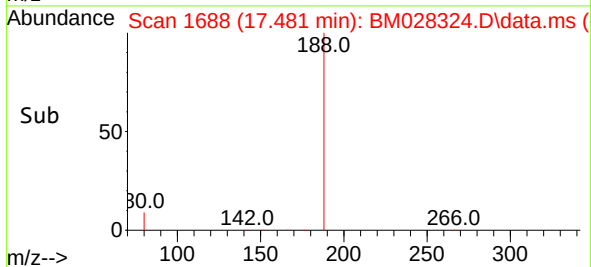
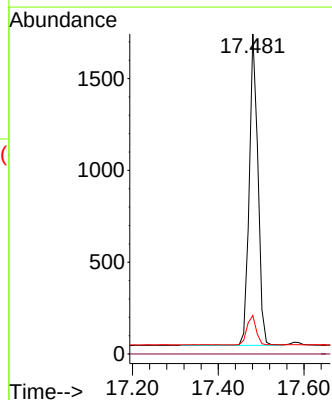
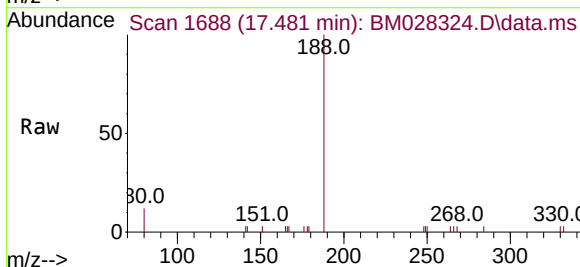
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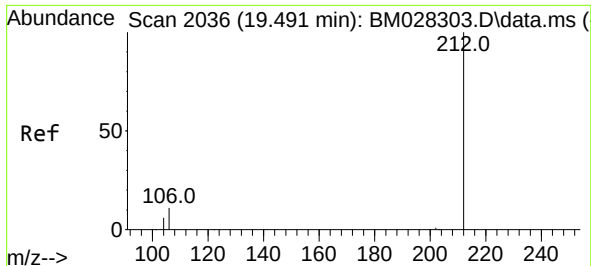
Tgt Ion:	172	Resp:	869
Ion Ratio	Lower	Upper	
172	100		
171	39.7	28.2	42.4
170	28.9	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.481 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BM028324.D
Acq: 01 Jan 2021 02:28

Tgt Ion:	188	Resp:	2374
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.0	5.0	7.4#

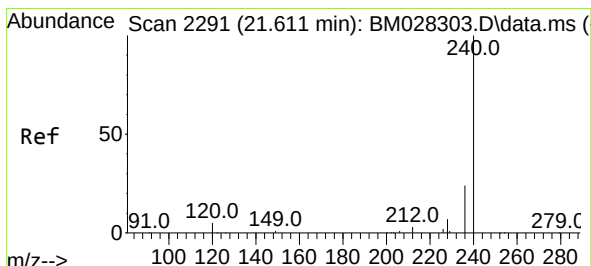
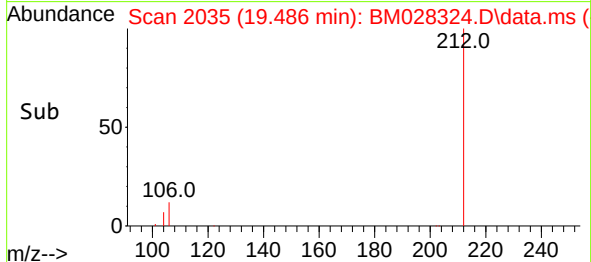
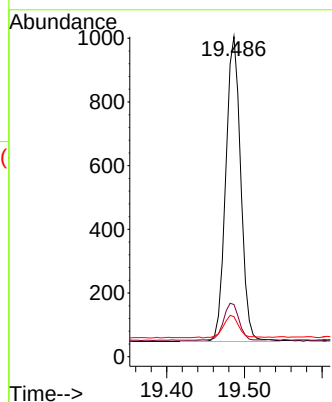
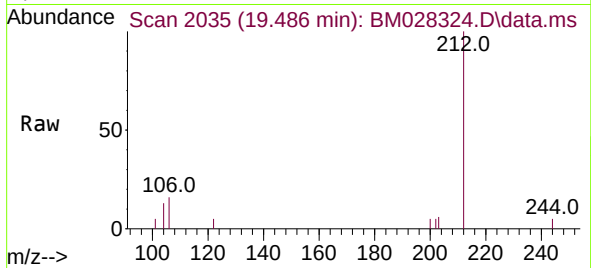




#25
Fluoranthene-d10
Concen: 0.17 ng
RT: 19.486 min Scan# 2035
Delta R.T. -0.005 min
Lab File: BM028324.D
Acq: 01 Jan 2021 02:28

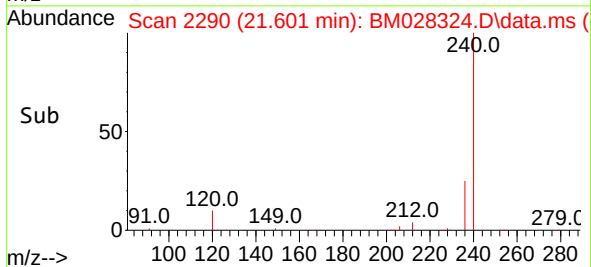
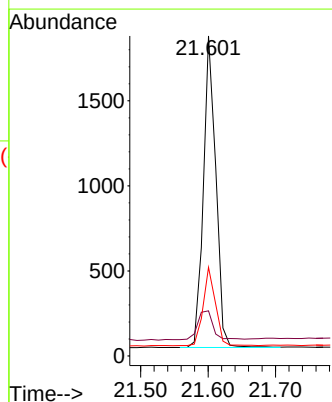
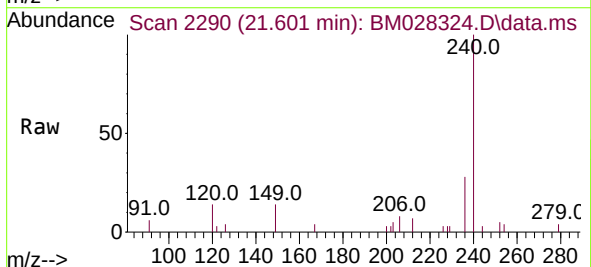
Instrument :
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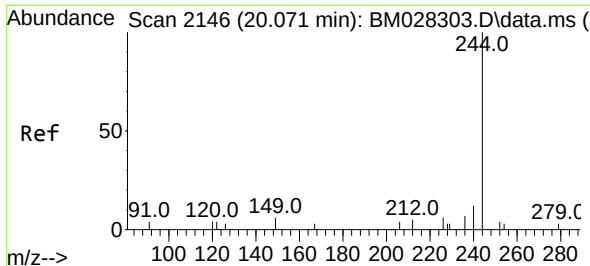
Tgt Ion:212 Resp: 1279
Ion Ratio Lower Upper
212 100
106 12.5 6.8 10.2#
104 7.7 4.1 6.1#



#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.601 min Scan# 2290
Delta R.T. -0.010 min
Lab File: BM028324.D
Acq: 01 Jan 2021 02:28

Tgt Ion:240 Resp: 2339
Ion Ratio Lower Upper
240 100
120 14.1 5.3 7.9#
236 27.7 21.8 32.8

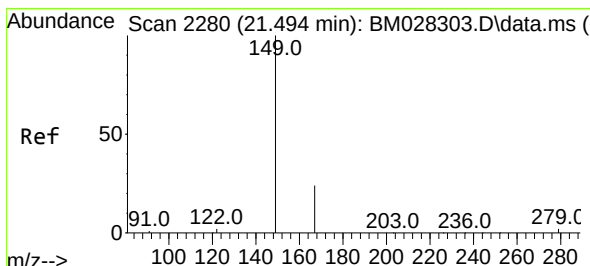
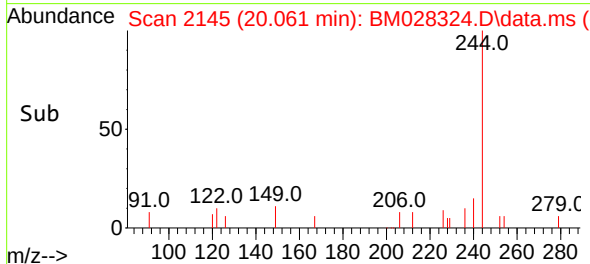
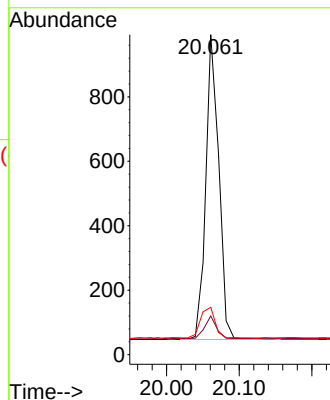
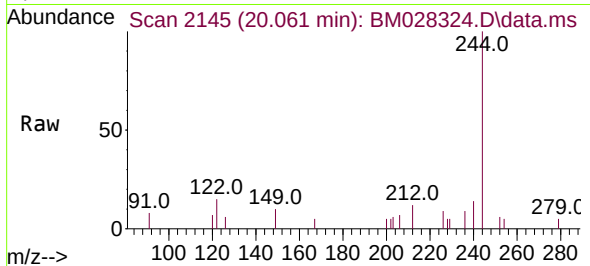




#29
 Terphenyl-d14
 Concen: 0.21 ng
 RT: 20.061 min Scan# 2145
 Delta R.T. -0.010 min
 Lab File: BM028324.D
 Acq: 01 Jan 2021 02:28

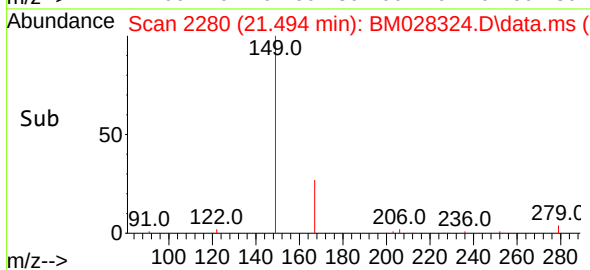
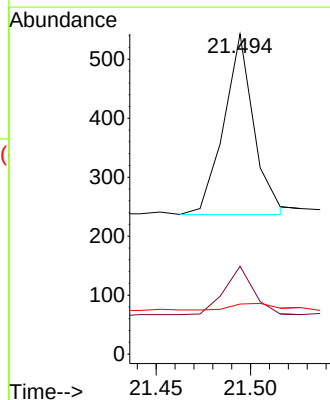
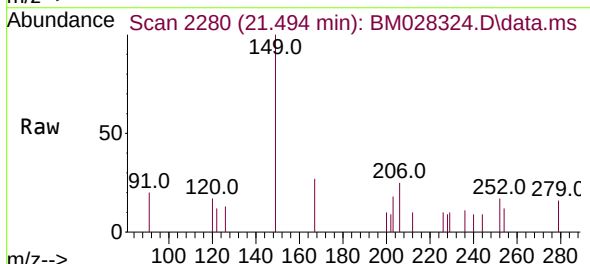
Instrument :
 BNA_M
 ClientSampleId :
 RE115D2-20201215DL

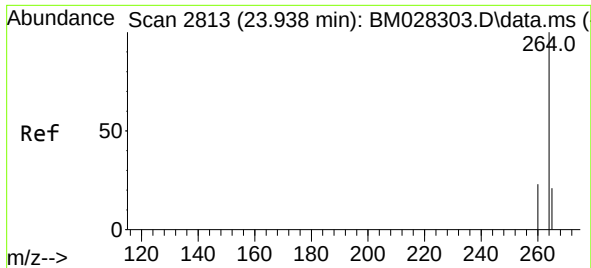
Tgt Ion:244 Resp: 1178
 Ion Ratio Lower Upper
 244 100
 212 12.1 7.3 10.9#
 122 14.8 7.3 10.9#



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.09 ng
 RT: 21.494 min Scan# 2280
 Delta R.T. 0.000 min
 Lab File: BM028324.D
 Acq: 01 Jan 2021 02:28

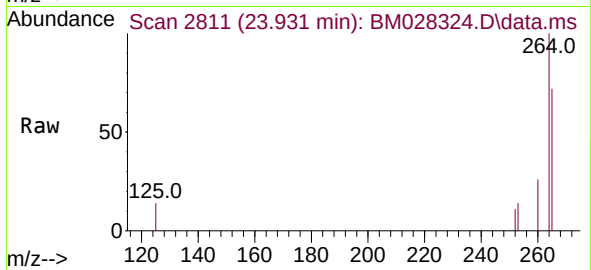
Tgt Ion:149 Resp: 336
 Ion Ratio Lower Upper
 149 100
 167 25.9 23.2 34.8
 279 4.8 3.9 5.9





#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.931 min Scan# 2811
 Delta R.T. -0.007 min
 Lab File: BM028324.D
 Acq: 01 Jan 2021 02:28

Instrument :
 BNA_M
 ClientSampleId :
 RE115D2-20201215DL



Tgt Ion:264 Resp: 2240

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.8	29.6
265	72.2	51.4	77.0

