

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015398.D
 Acq On : 08 Jul 2021 07:45
 Operator : CG/JU
 Sample : M2953-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11A-070621

Quant Time: Jul 08 08:41:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 07 11:11:38 2021
 Response via : Initial Calibration

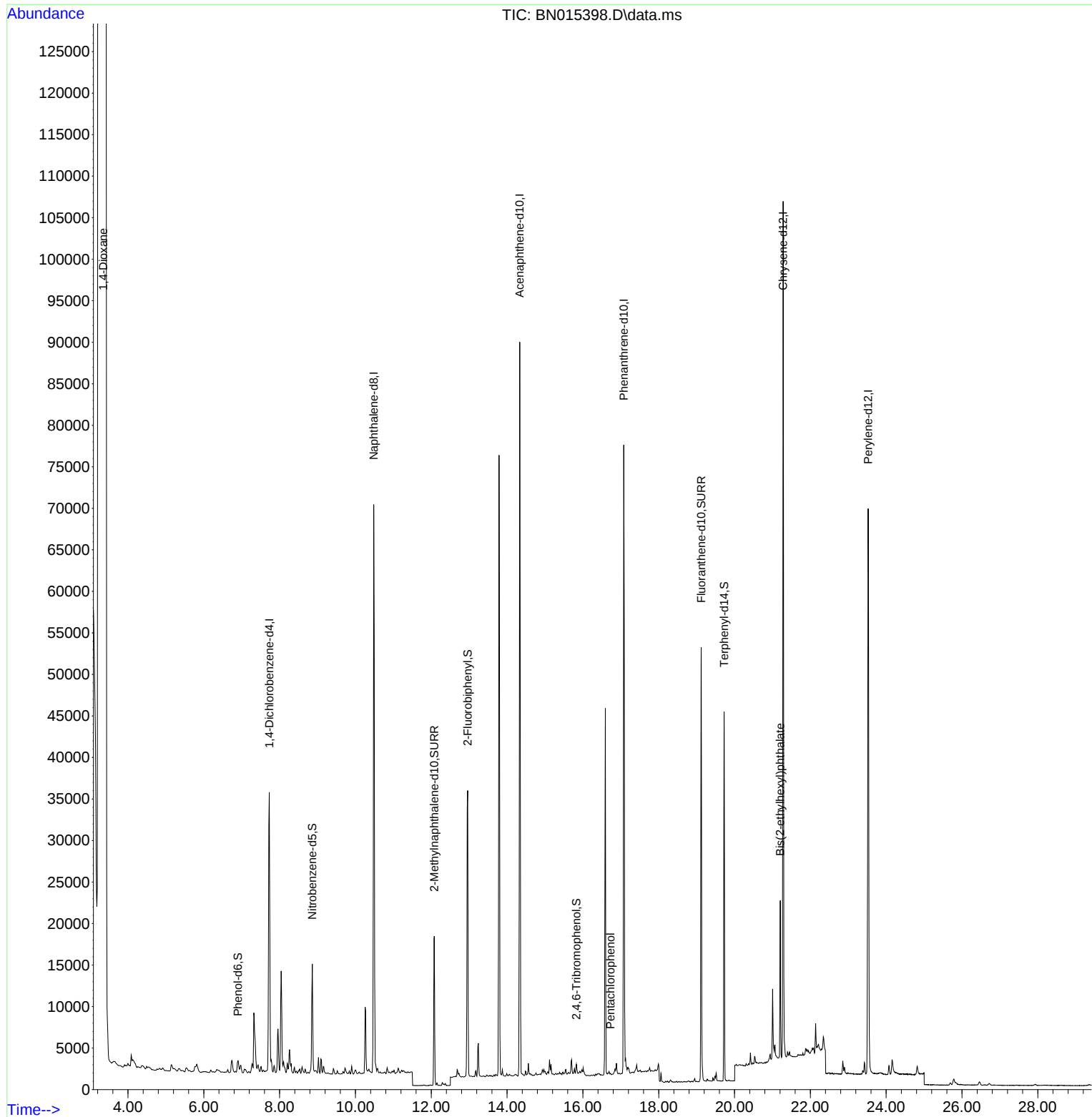
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	20533	0.400	ng	# 0.00
7) Naphthalene-d8	10.483	136	94011	0.400	ng	# 0.00
13) Acenaphthene-d10	14.332	164	51548	0.400	ng	0.00
19) Phenanthrene-d10	17.078	188	103155	0.400	ng	0.00
29) Chrysene-d12	21.280	240	94679	0.400	ng	#-0.01
35) Perylene-d12	23.525	264	89204	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.356	112	765	0.015	ng	0.02
5) Phenol-d6	6.895	99	1618	0.025	ng	0.00
8) Nitrobenzene-d5	8.860	82	11214	0.213	ng	0.00
11) 2-Methylnaphthalene-d10	12.078	152	24091	0.155	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	723	0.252	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	33394	0.159	ng	0.00
27) Fluoranthene-d10	19.122	212	56911	0.187	ng	0.00
31) Terphenyl-d14	19.723	244	44238	0.200	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.345	88	10970	1.140	ng	# 63
24) Pentachlorophenol	16.725	266	80	0.249	ng	# 39
34) Bis(2-ethylhexyl)phtha...	21.206	149	15374	0.282	ng	# 87

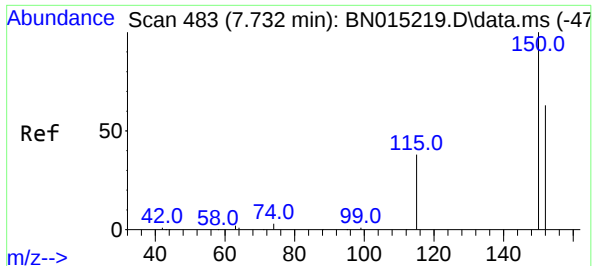
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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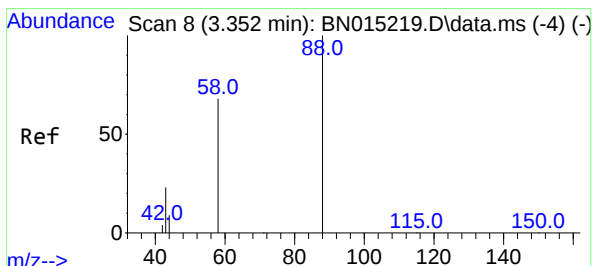
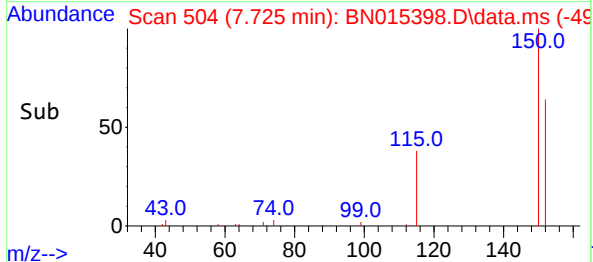
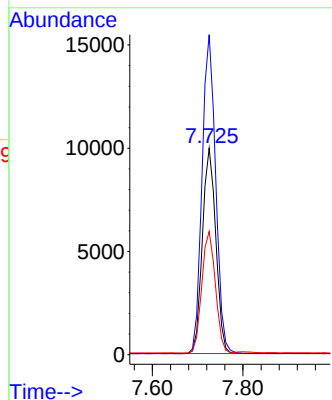
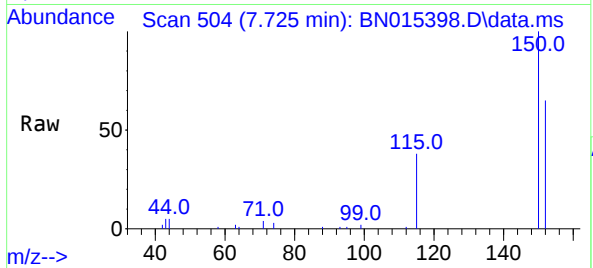




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.725 min Scan# 504
Delta R.T. 0.000 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

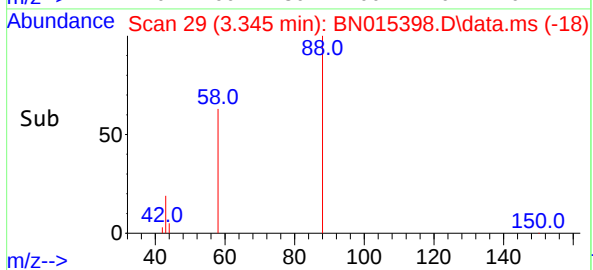
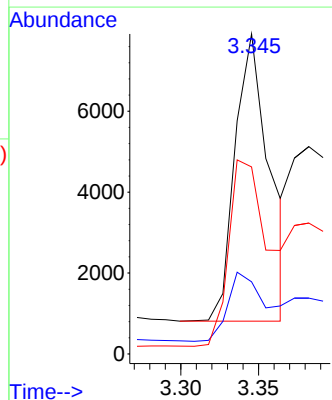
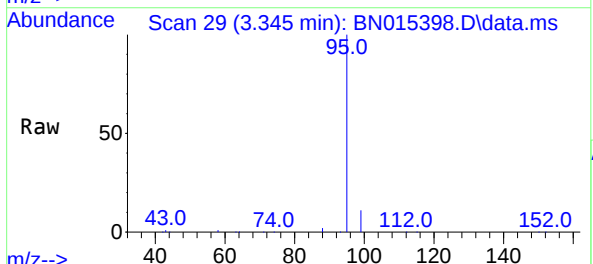
Instrument :
BNA_N
ClientSampleId :
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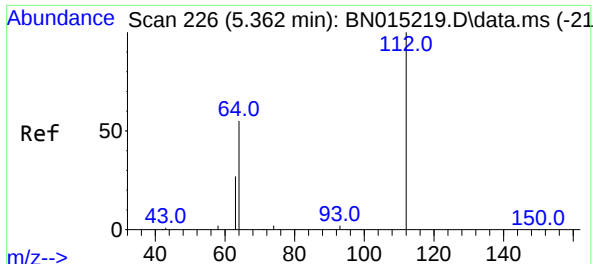
Tgt Ion:152 Resp: 20533
Ion Ratio Lower Upper
152 100
150 155.0 119.0 178.6
115 59.6 62.2 93.4#



#2
1,4-Dioxane
Concen: 1.140 ng
RT: 3.345 min Scan# 29
Delta R.T. 0.000 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

Tgt Ion: 88 Resp: 10970
Ion Ratio Lower Upper
88 100
43 27.2 12.9 19.3#
58 75.2 38.1 57.1#

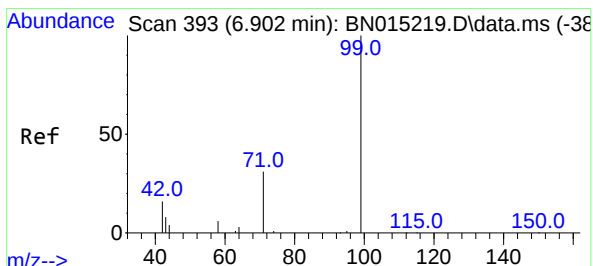
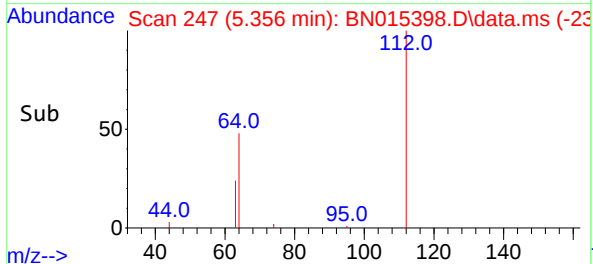
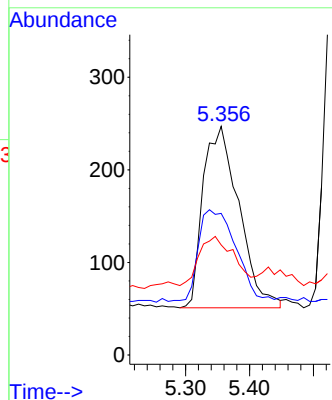
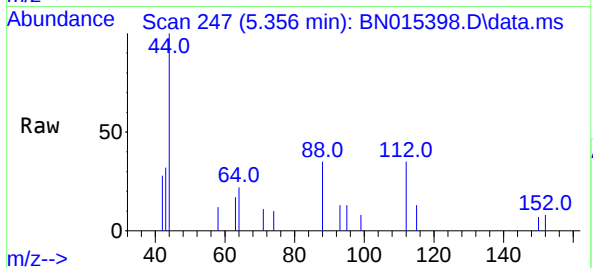




#4
2-Fluorophenol
Concen: 0.015 ng
RT: 5.356 min Scan# 247
Delta R.T. 0.018 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

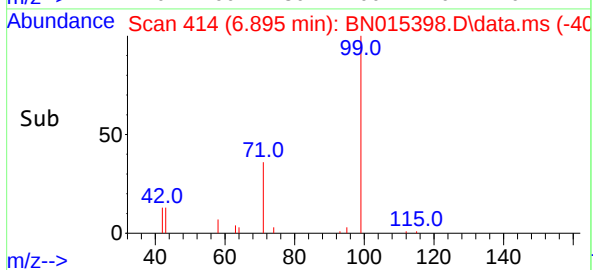
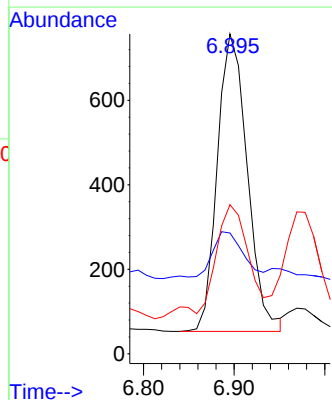
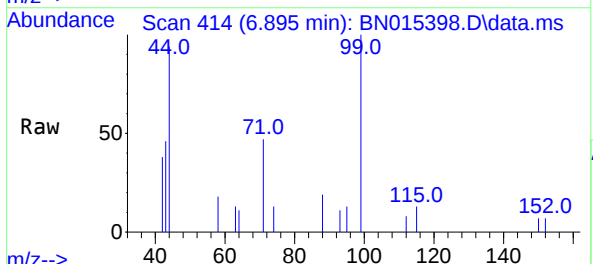
Instrument :
BNA_N
ClientSampleId :
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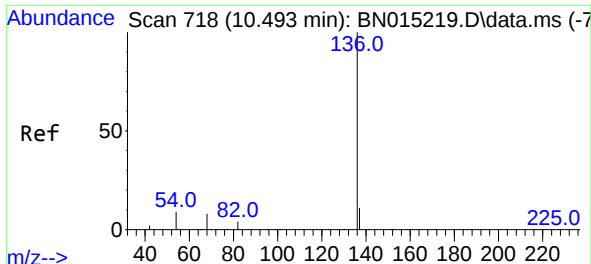
Tgt Ion:	112	Resp:	765
Ion	Ratio	Lower	Upper
112	100		
64	51.8	39.0	58.6
63	25.8	20.6	30.8



#5
Phenol-d6
Concen: 0.025 ng
RT: 6.895 min Scan# 414
Delta R.T. -0.000 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

Tgt Ion:	99	Resp:	1618
Ion	Ratio	Lower	Upper
99	100		
42	16.6	8.9	13.3#
71	44.1	35.6	53.4

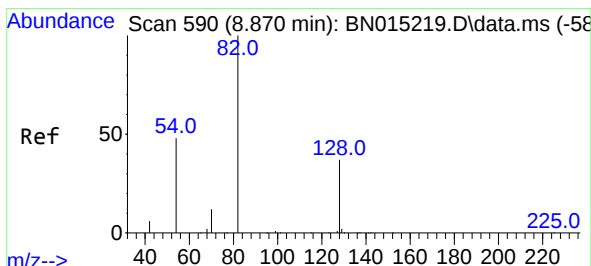
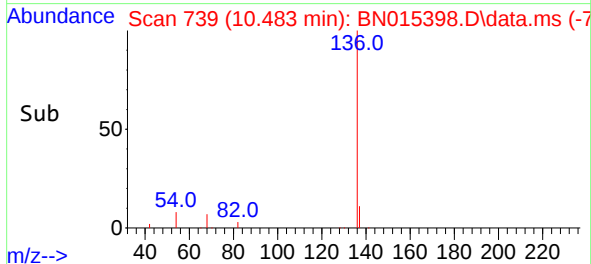
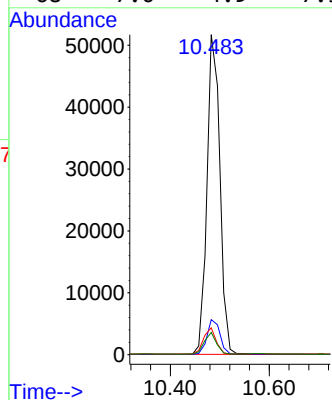
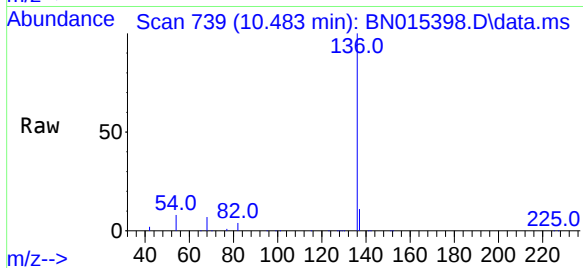




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.483 min Scan# 739
Delta R.T. -0.000 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

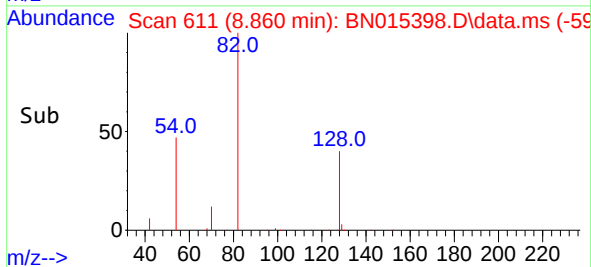
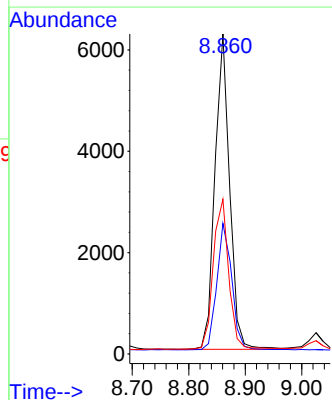
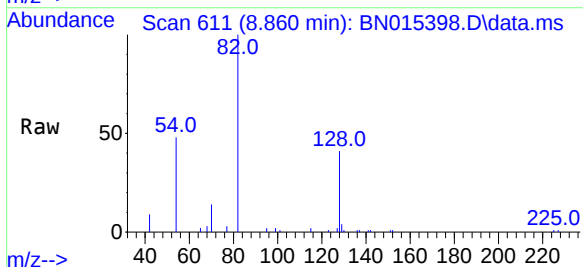
Instrument :
BNA_N
ClientSampleId :
MW-11A-070621

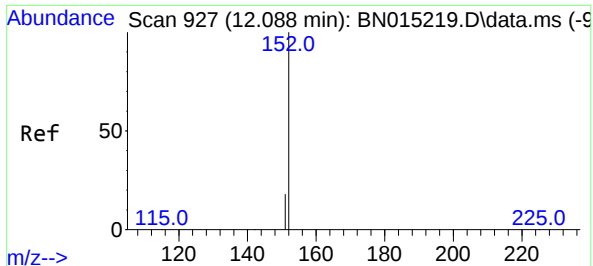
Tgt Ion:	136	Resp:	94011
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.8
54	8.4	5.4	8.2#
68	7.0	4.9	7.3



#8
Nitrobenzene-d5
Concen: 0.213 ng
RT: 8.860 min Scan# 611
Delta R.T. -0.000 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

Tgt Ion:	82	Resp:	11214
Ion	Ratio	Lower	Upper
82	100		
128	40.8	31.6	47.4
54	48.3	29.0	43.4#

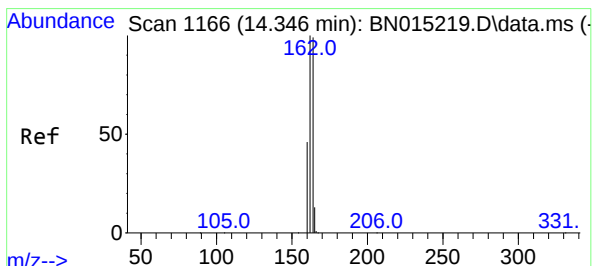
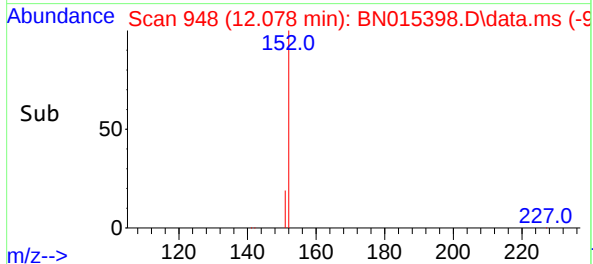
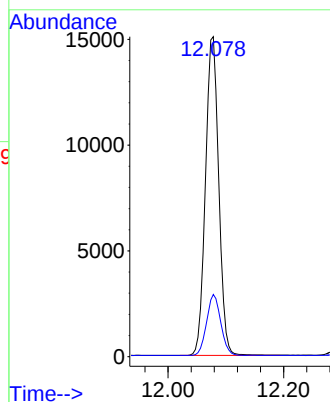
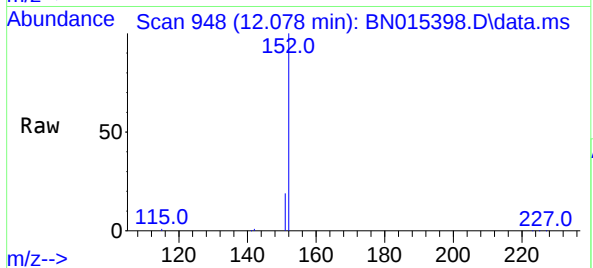




#11
2-Methylnaphthalene-d10
Concen: 0.155 ng
RT: 12.078 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

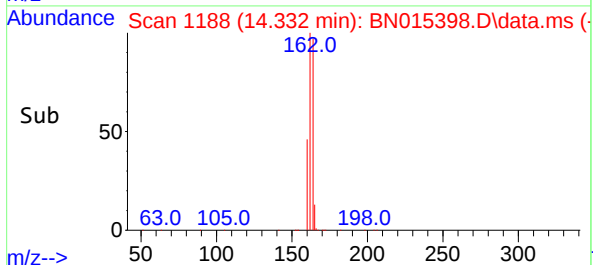
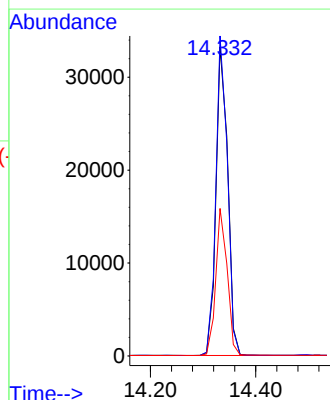
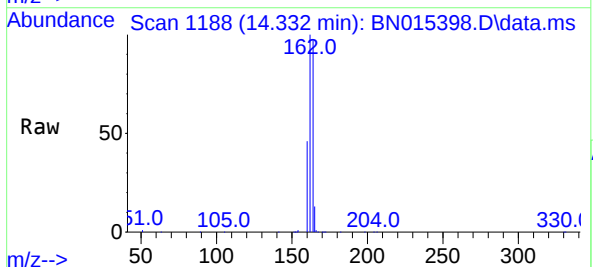
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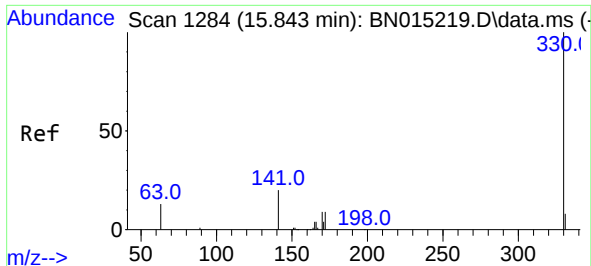
Tgt Ion:152 Resp: 24091
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

Tgt Ion:164 Resp: 51548
Ion Ratio Lower Upper
164 100
162 103.5 83.8 125.6
160 47.7 37.4 56.0

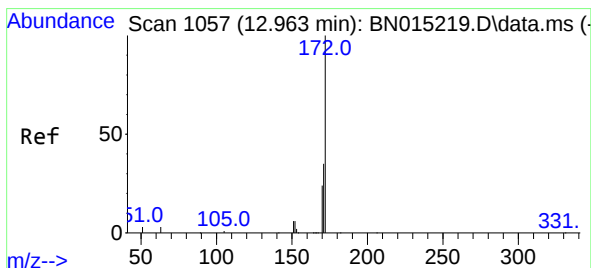
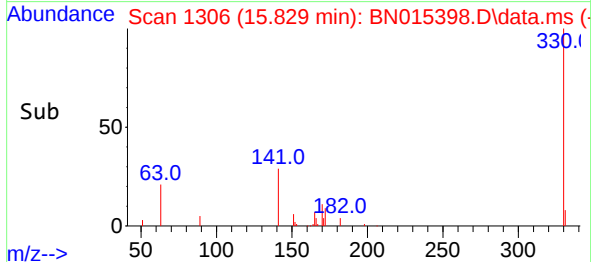
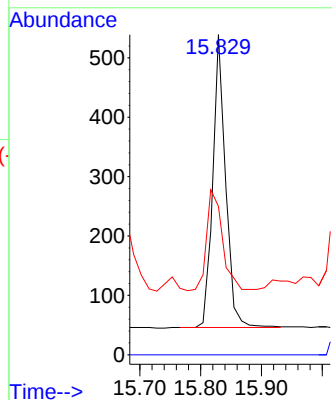
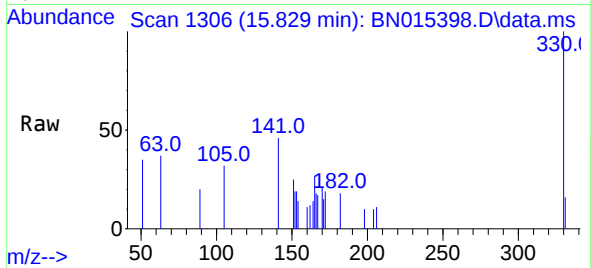




#14
2,4,6-Tribromophenol
Concen: 0.252 ng
RT: 15.829 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

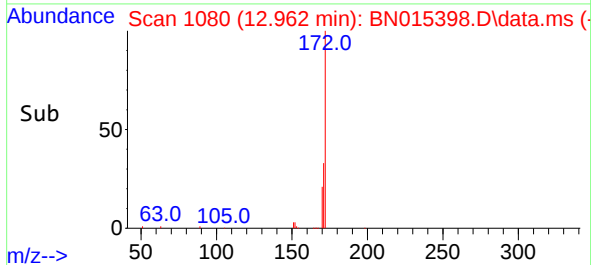
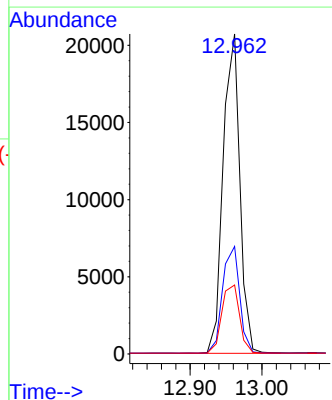
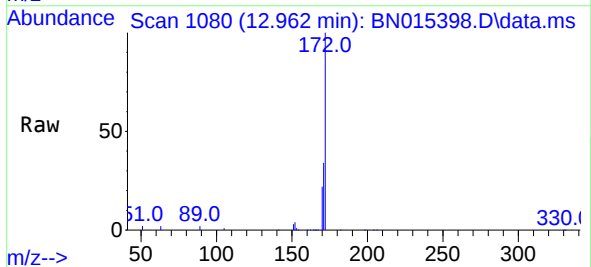
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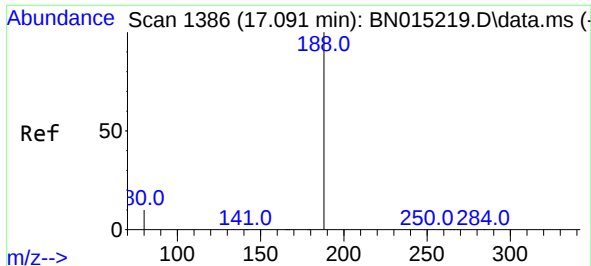
Tgt Ion:330 Resp: 723
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.6 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.159 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

Tgt Ion:172 Resp: 33394
Ion Ratio Lower Upper
172 100
171 33.6 30.6 45.8
170 21.5 20.2 30.4

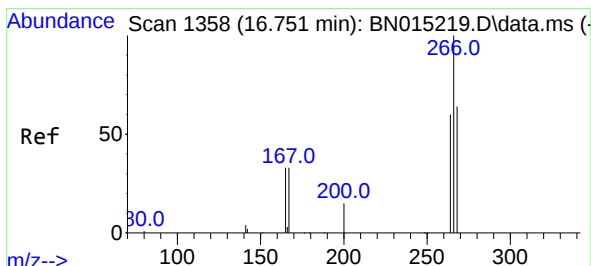
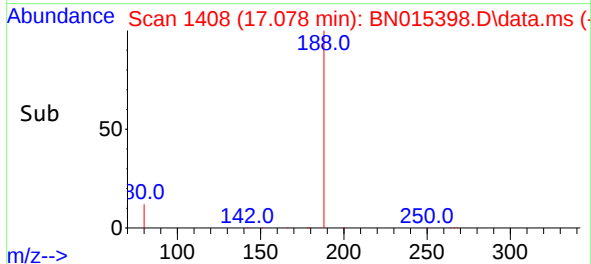
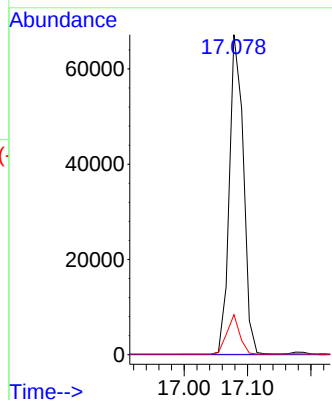
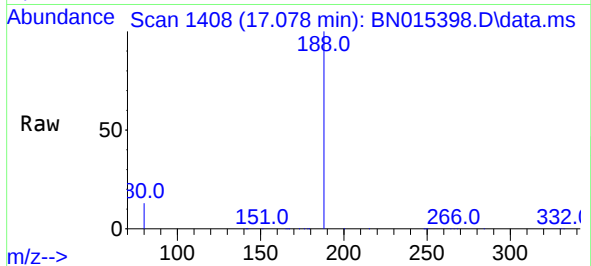




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

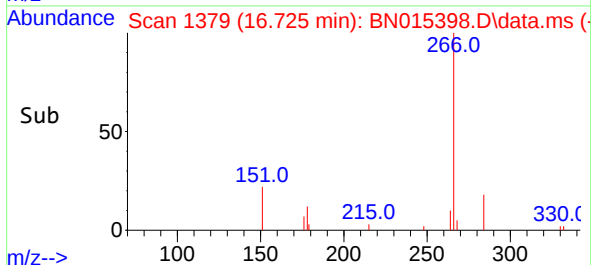
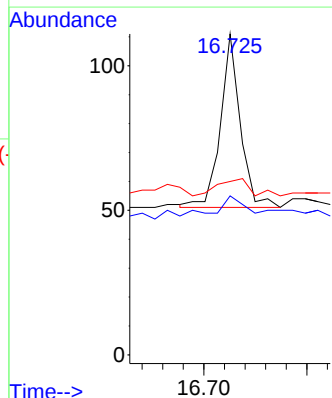
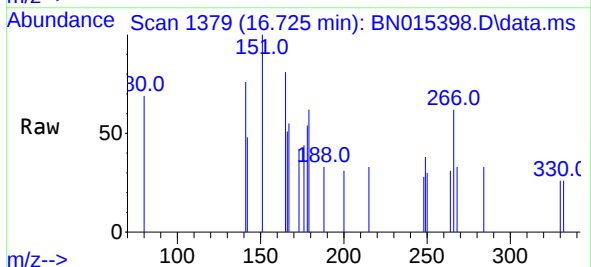
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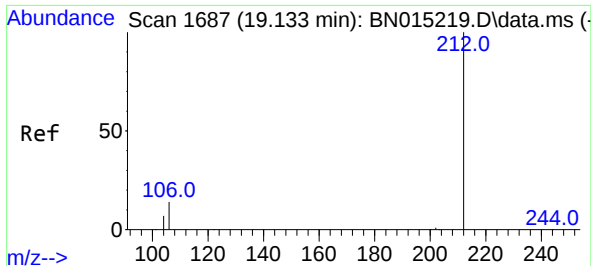
Tgt Ion:188 Resp: 103155
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 9.0 13.4



#24
Pentachlorophenol
Concen: 0.249 ng
RT: 16.725 min Scan# 1379
Delta R.T. -0.012 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

Tgt Ion:266 Resp: 80
Ion Ratio Lower Upper
266 100
264 16.3 51.0 76.4#
268 16.3 50.6 76.0#

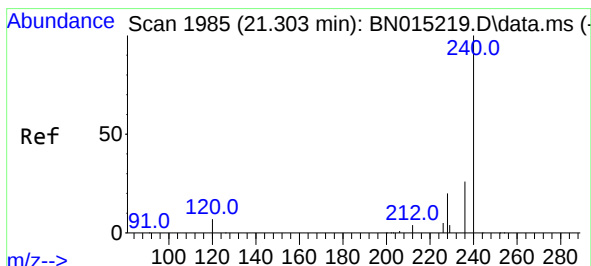
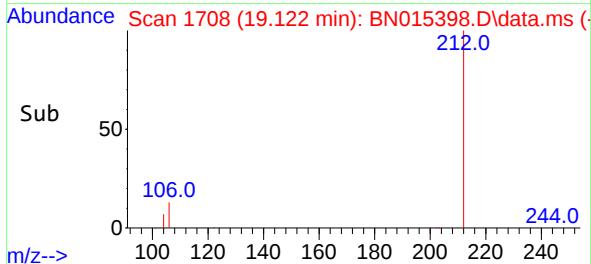
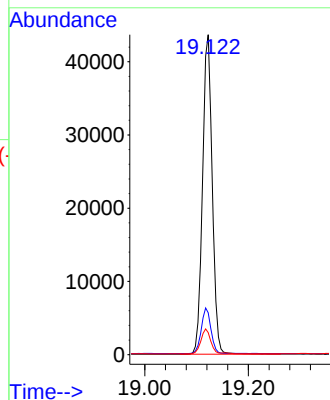
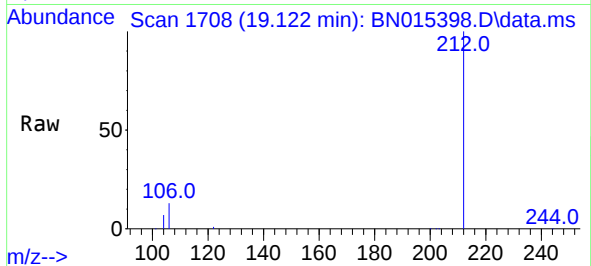




#27
Fluoranthene-d10
Concen: 0.187 ng
RT: 19.122 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

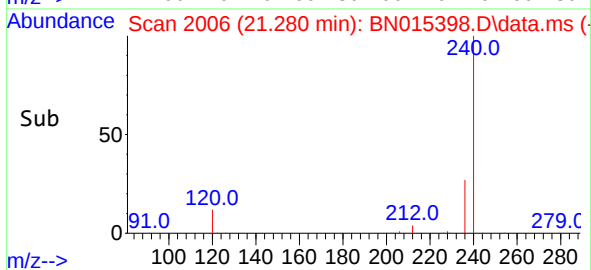
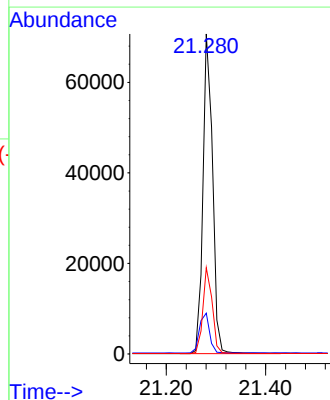
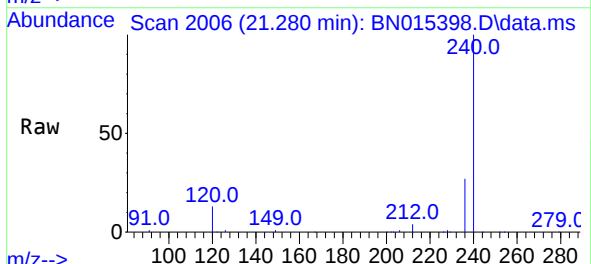
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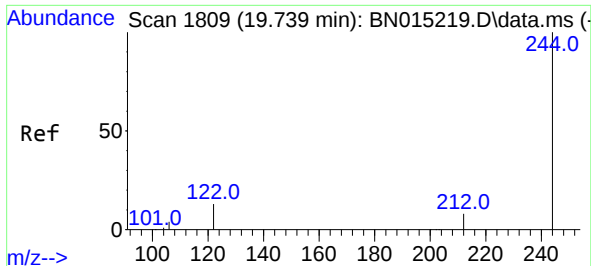
Tgt Ion:212 Resp: 56911
Ion Ratio Lower Upper
212 100
106 14.2 7.0 10.6#
104 8.0 4.1 6.1#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.280 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

Tgt Ion:240 Resp: 94679
Ion Ratio Lower Upper
240 100
120 12.8 4.2 6.4#
236 27.0 21.4 32.2

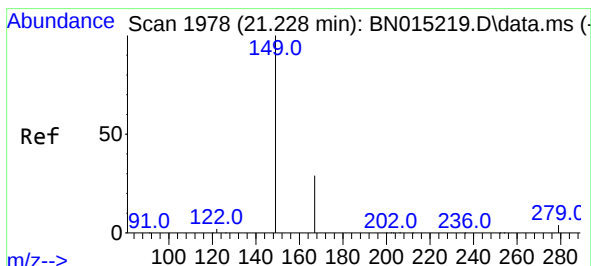
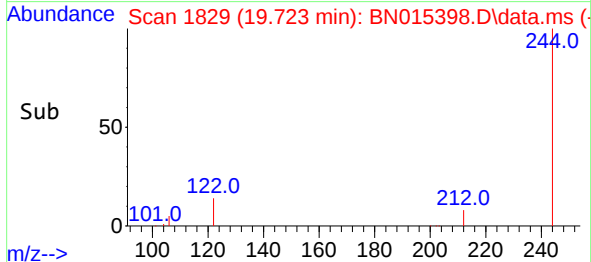
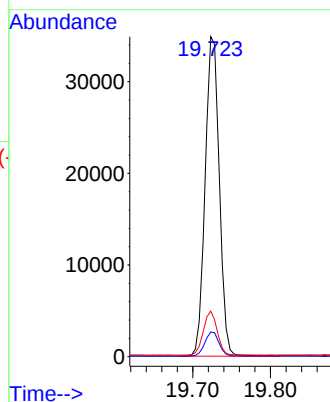
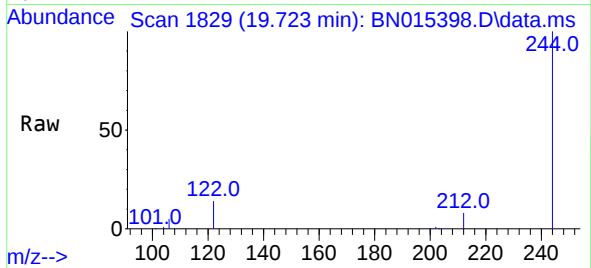




#31
Terphenyl-d14
Concen: 0.200 ng
RT: 19.723 min Scan# 1829
Delta R.T. -0.005 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

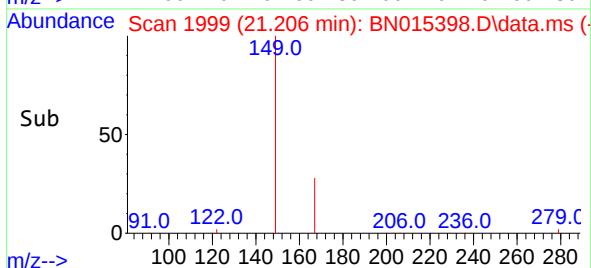
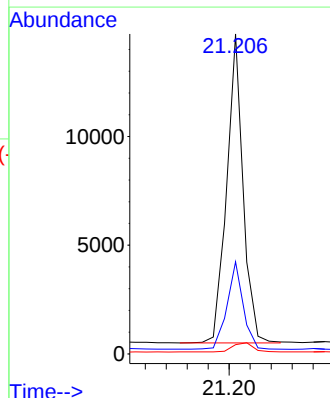
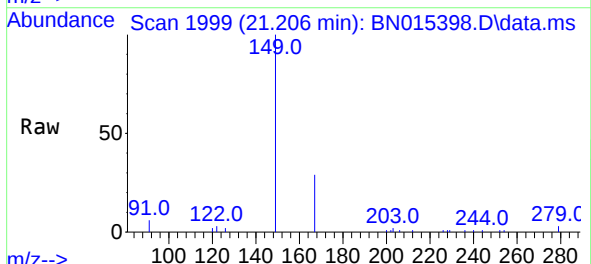
Instrument :
BNA_N
ClientSampleId :
MW-11A-070621

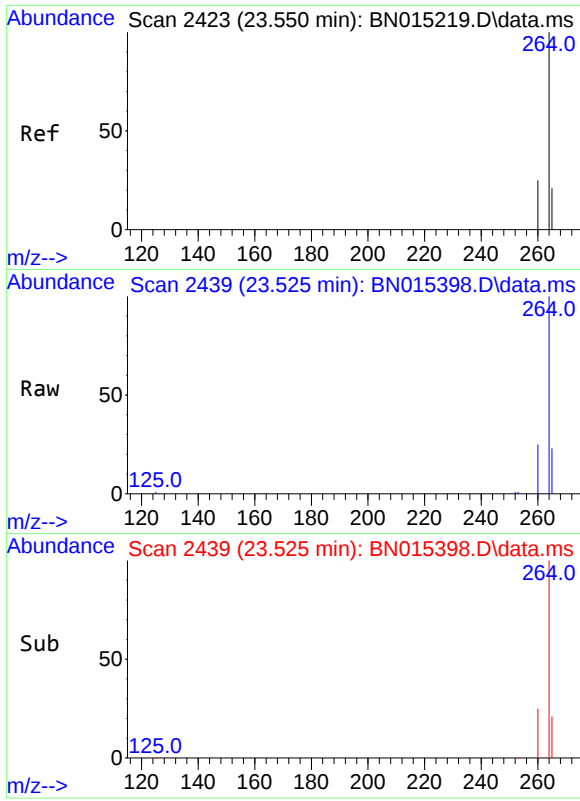
Tgt Ion:244 Resp: 44238
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 14.2 6.2 9.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.282 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

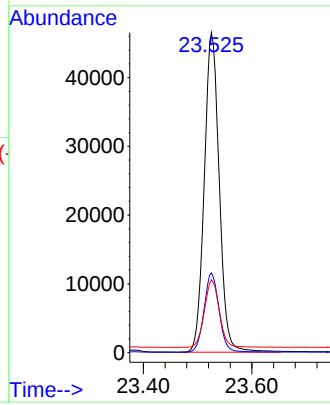
Tgt Ion:149 Resp: 15374
Ion Ratio Lower Upper
149 100
167 27.8 28.9 43.3#
279 3.8 4.9 7.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.525 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

Tgt Ion:264	Resp:	89204
Ion	Ratio	Lower Upper
264	100	
260	25.0	20.6 31.0
265	22.8	21.4 32.2



Instrument :
BNA_N
ClientSampleId :
MW-11A-070621