

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
 Data File : BN019119.D
 Acq On : 24 Mar 2022 09:19
 Operator : CG/JU
 Sample : N2074-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20220321

Quant Time: Mar 24 14:32:02 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

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

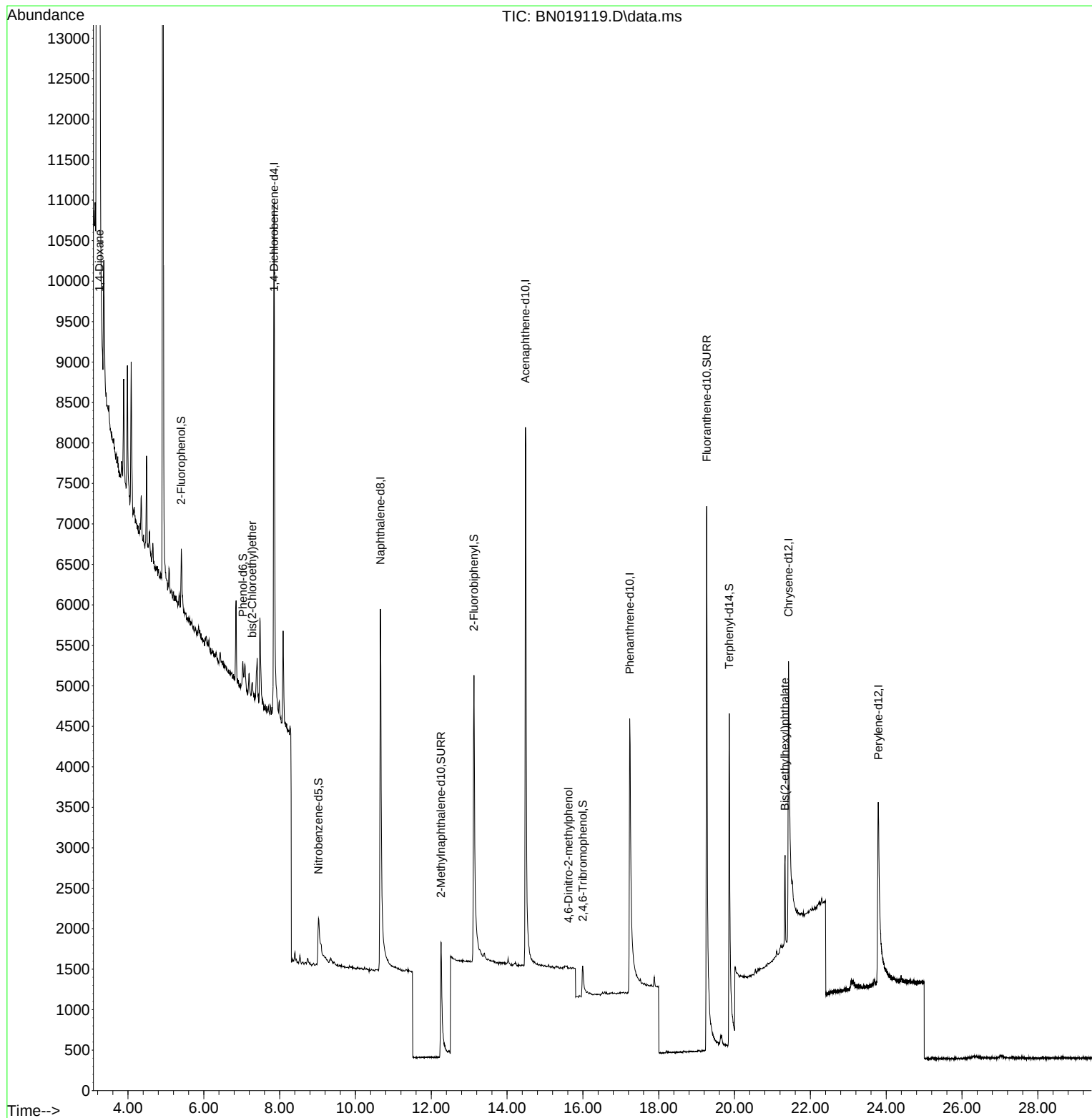
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3813	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	9380	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	5514	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	9823	0.400	ng	0.00
29) Chrysene-d12	21.422	240	7796	0.400	ng	# 0.00
35) Perylene-d12	23.793	264	6171	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	802	0.094	ng	0.00
5) Phenol-d6	7.031	99	253	0.028	ng	0.02
8) Nitrobenzene-d5	9.025	82	1320	0.195	ng	0.01
11) 2-Methylnaphthalene-d10	12.257	152	3871	0.249	ng	0.00
14) 2,4,6-Tribromophenol	15.995	330	398	0.150	ng	0.01
15) 2-Fluorobiphenyl	13.127	172	4891	0.221	ng	0.00
27) Fluoranthene-d10	19.265	212	12514	0.429	ng	0.00
31) Terphenyl-d14	19.860	244	8227	0.430	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	11783	2.500	ng	# 93
6) bis(2-Chloroethyl)ether	7.277	93	230	0.022	ng	94
20) 4,6-Dinitro-2-methylph...	15.618	198	2	0.111	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.333	149	1189	0.075	ng	# 99

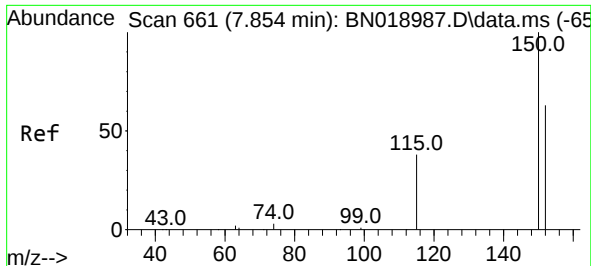
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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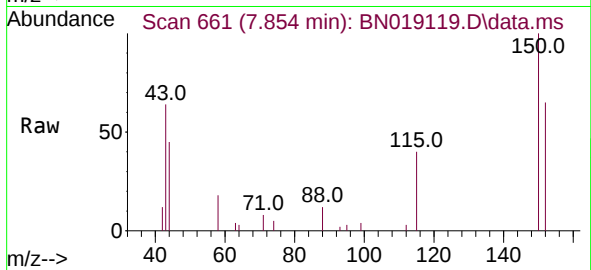
Quant Time: Mar 24 14:32:02 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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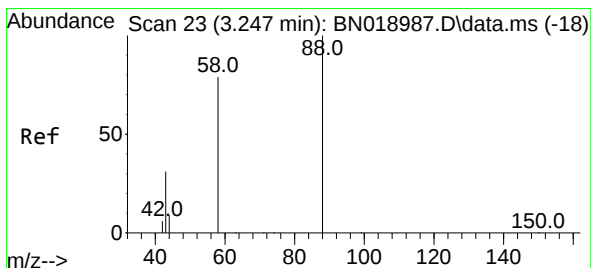
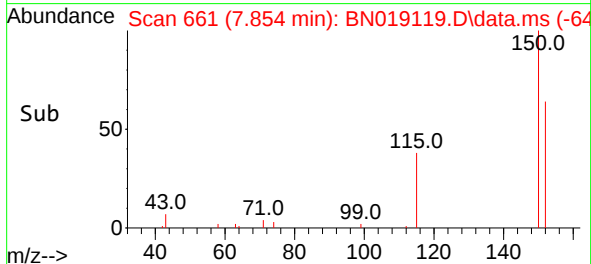
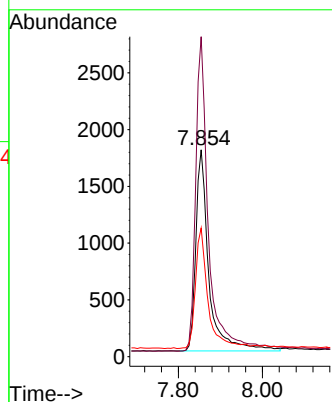
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.000 min
 Lab File: BN019119.D
 Acq: 24 Mar 2022 09:19

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20220321



Tgt Ion:152 Resp: 3813

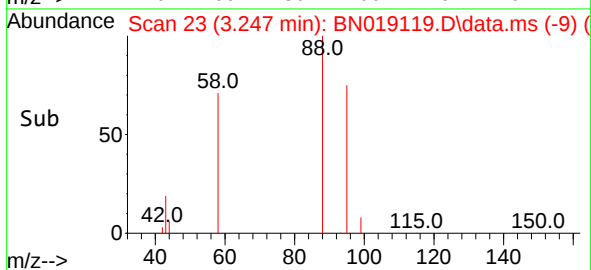
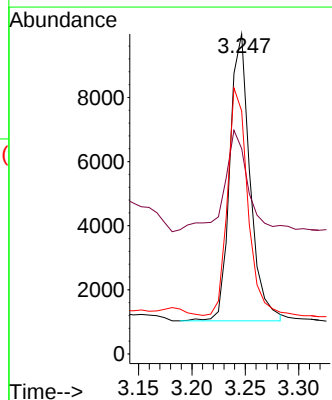
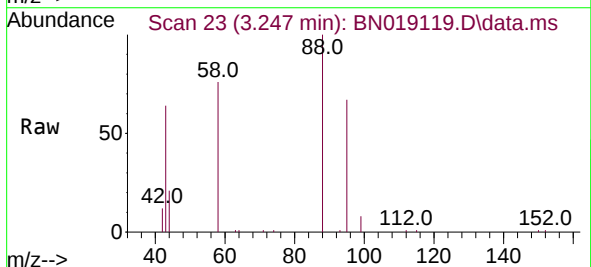
Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.9	185.9
115	62.2	48.2	72.4

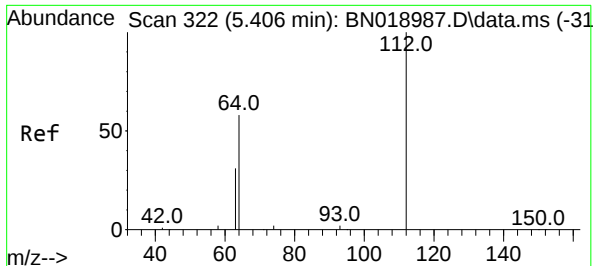


#2
 1,4-Dioxane
 Concen: 2.500 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: BN019119.D
 Acq: 24 Mar 2022 09:19

Tgt Ion: 88 Resp: 11783

Ion	Ratio	Lower	Upper
88	100		
43	41.0	24.6	37.0
58	79.0	65.4	98.2





#4

2-Fluorophenol

Concen: 0.094 ng

RT: 5.406 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN019119.D

Acq: 24 Mar 2022 09:19

Instrument :

BNA_N

ClientSampleId :

TT101D2-20220321

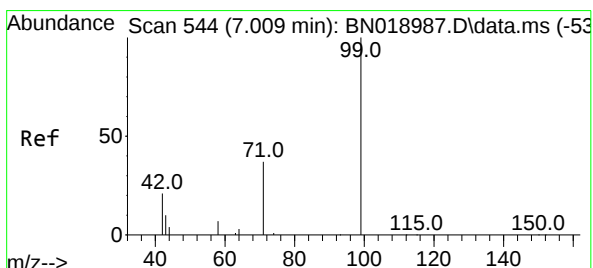
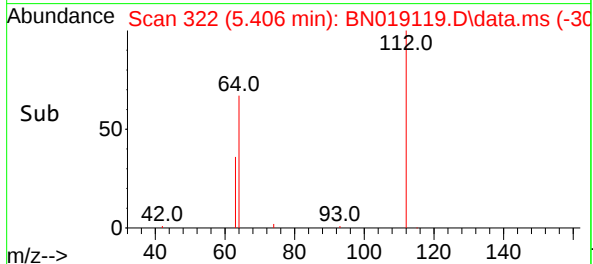
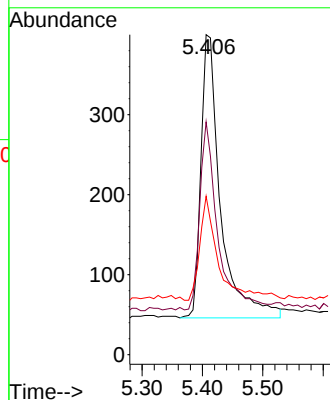
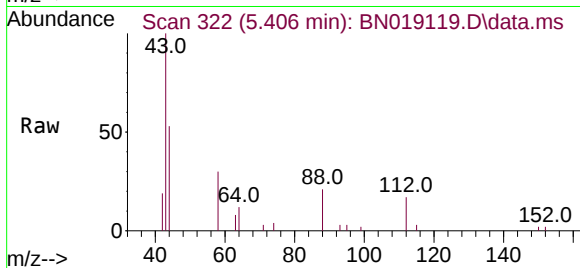
Tgt Ion:112 Resp: 802

Ion Ratio Lower Upper

112 100

64 61.0 47.8 71.8

63 35.3 25.7 38.5



#5

Phenol-d6

Concen: 0.028 ng

RT: 7.031 min Scan# 547

Delta R.T. 0.022 min

Lab File: BN019119.D

Acq: 24 Mar 2022 09:19

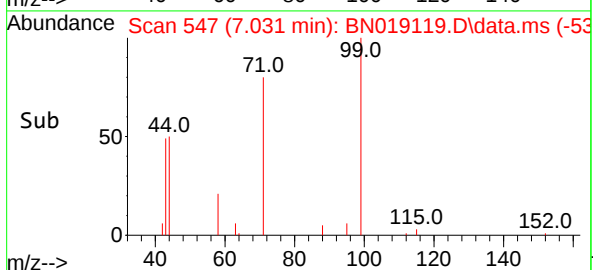
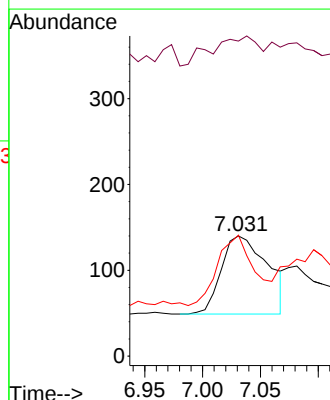
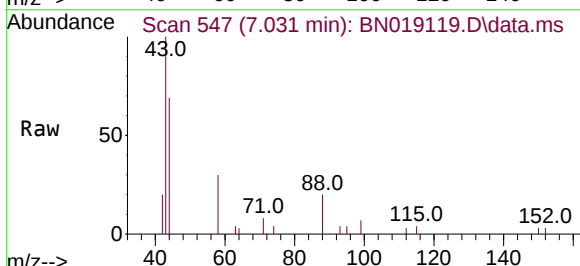
Tgt Ion: 99 Resp: 253

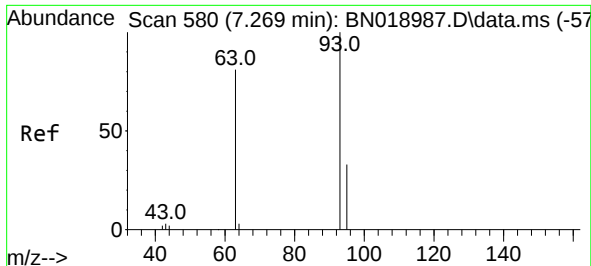
Ion Ratio Lower Upper

99 100

42 38.3 16.2 24.4#

71 72.3 27.7 41.5#

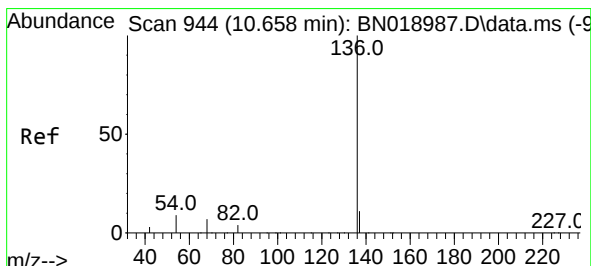
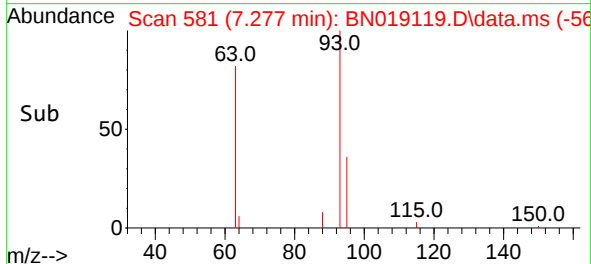
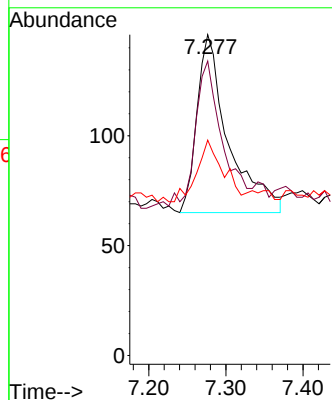
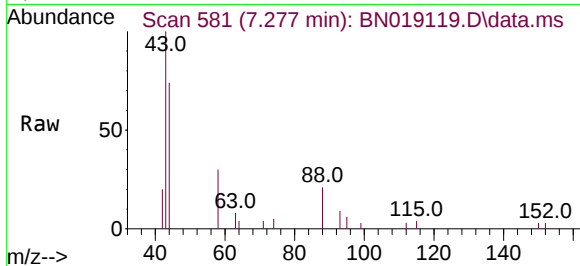




#6
bis(2-Chloroethyl)ether
Concen: 0.022 ng
RT: 7.277 min Scan# 581
Delta R.T. 0.007 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

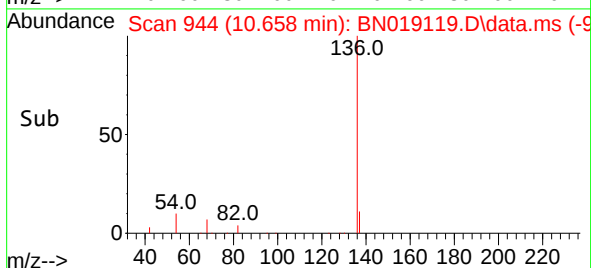
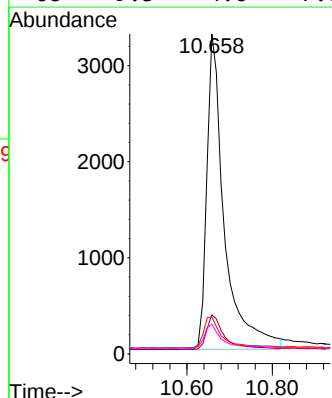
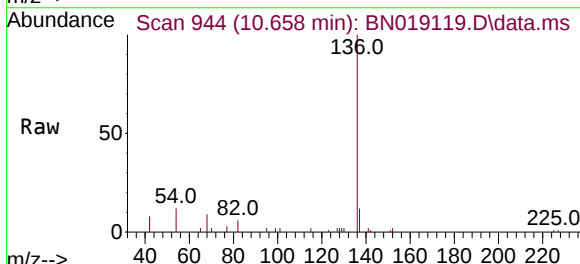
Instrument :
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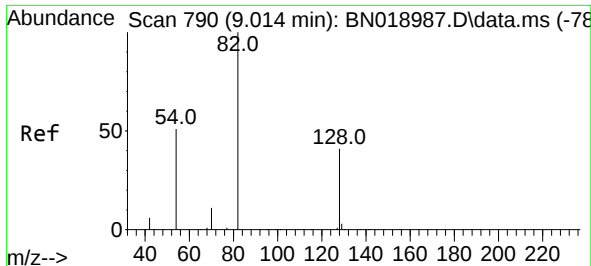
Tgt Ion:	93	Resp:	230
Ion	Ratio	Lower	Upper
93	100		
63	73.5	62.8	94.2
95	29.6	26.2	39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

Tgt Ion:	136	Resp:	9380
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.0	13.4
54	11.6	5.8	8.6#
68	9.3	4.6	7.0#

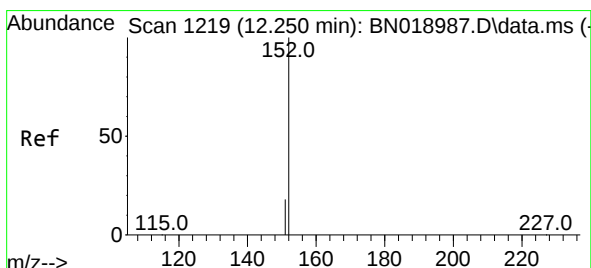
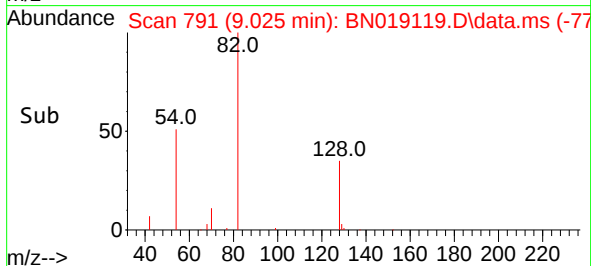
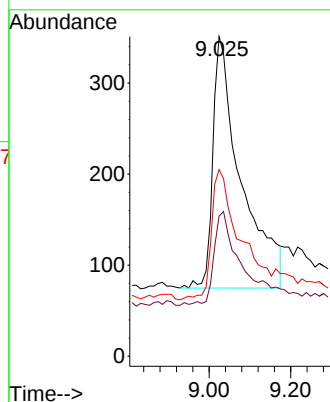
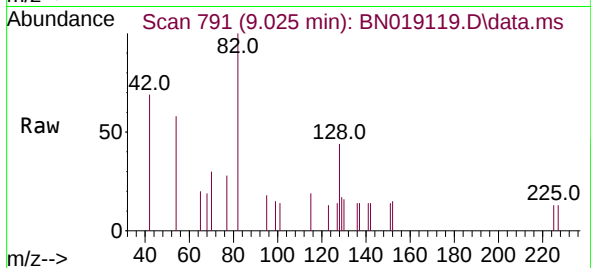




#8
Nitrobenzene-d5
Concen: 0.195 ng
RT: 9.025 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

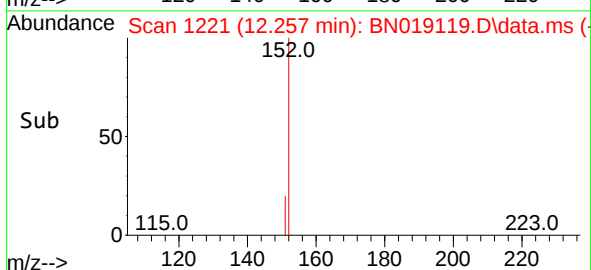
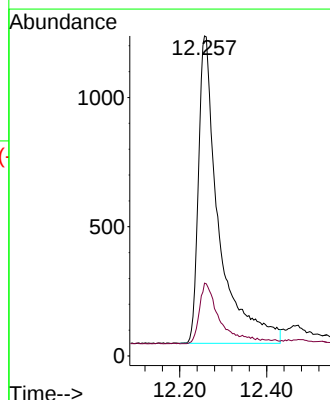
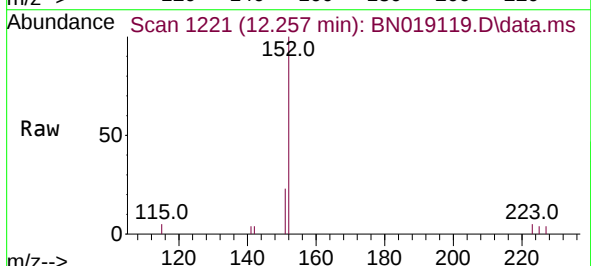
Instrument :
BNA_N
ClientSampleId :
TT101D2-20220321

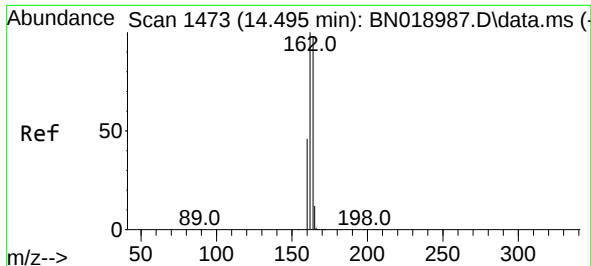
Tgt Ion: 82 Resp: 1320
Ion Ratio Lower Upper
82 100
128 43.9 33.0 49.6
54 58.4 42.5 63.7



#11
2-Methylnaphthalene-d10
Concen: 0.249 ng
RT: 12.257 min Scan# 1221
Delta R.T. 0.007 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

Tgt Ion: 152 Resp: 3871
Ion Ratio Lower Upper
152 100
151 18.0 16.5 24.7

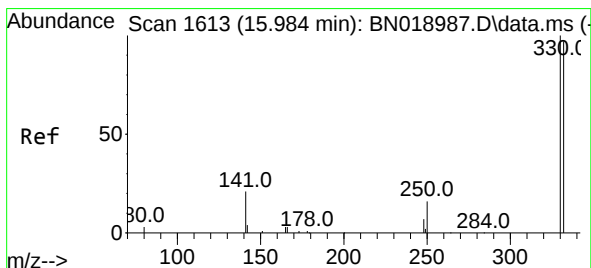
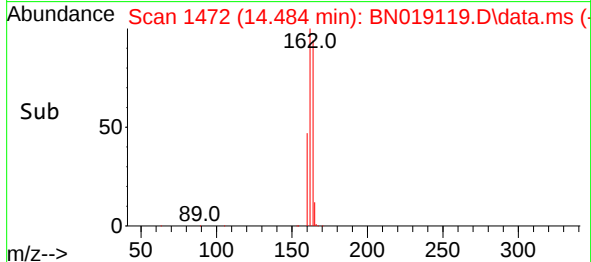
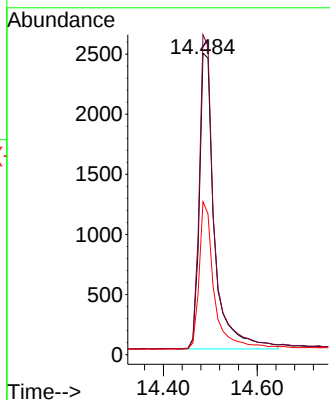
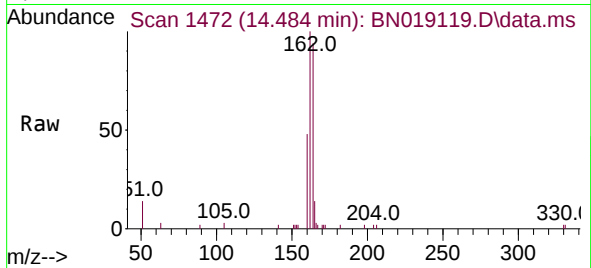




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1473
Delta R.T. -0.011 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

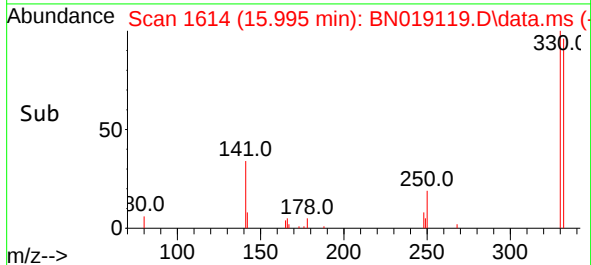
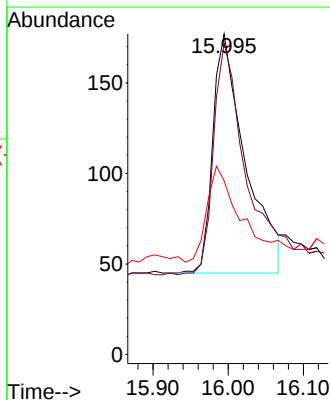
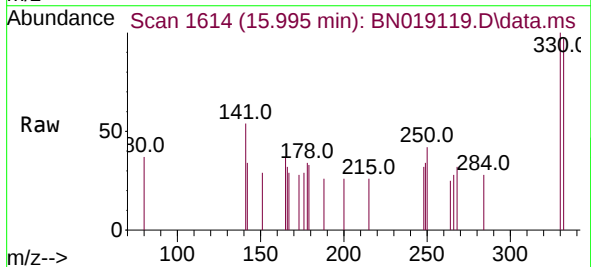
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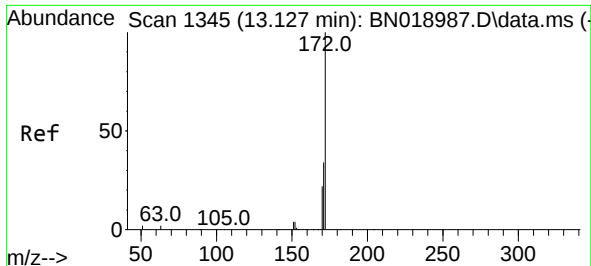
Tgt Ion:164	Resp:	5514
Ion Ratio	Lower	Upper
164	100	
162	106.1	85.2 127.8
160	50.8	41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.150 ng
RT: 15.995 min Scan# 1614
Delta R.T. 0.010 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

Tgt Ion:330	Resp:	398
Ion Ratio	Lower	Upper
330	100	
332	98.7	76.8 115.2
141	44.0	32.2 48.2

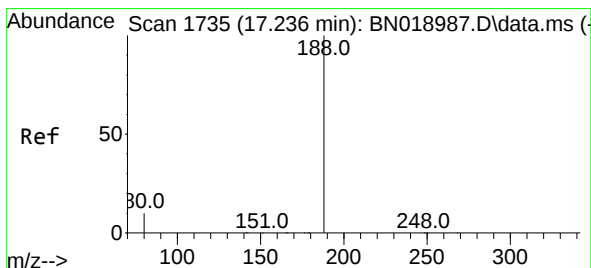
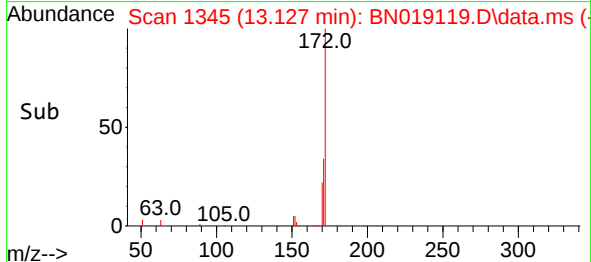
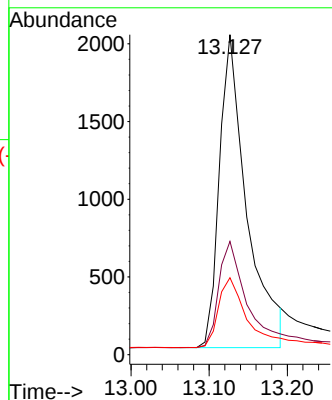
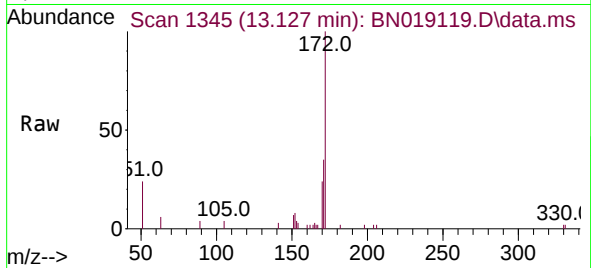




#15
2-Fluorobiphenyl
Concen: 0.221 ng
RT: 13.127 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

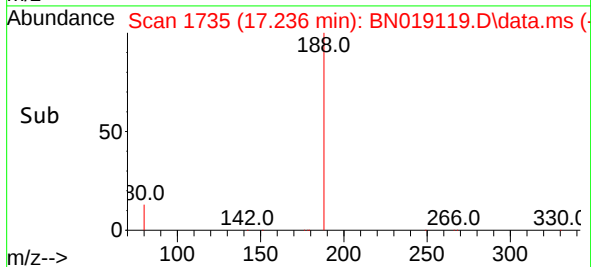
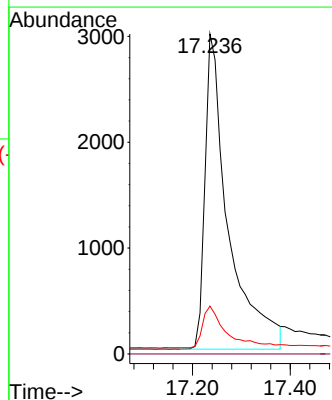
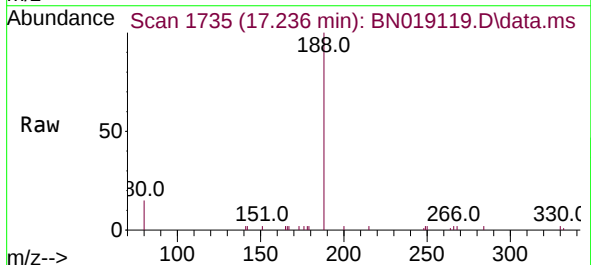
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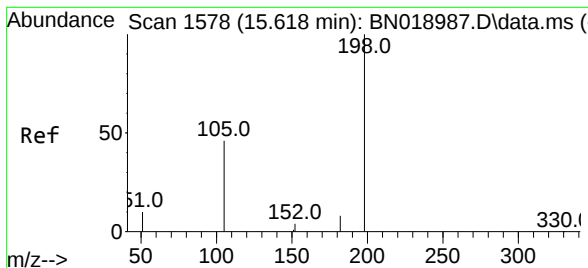
Tgt Ion:	172	Resp:	4891
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	24.0	18.7	28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

Tgt Ion:	188	Resp:	9823
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.0	11.8	17.8

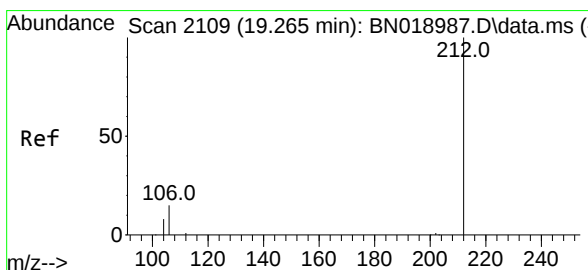
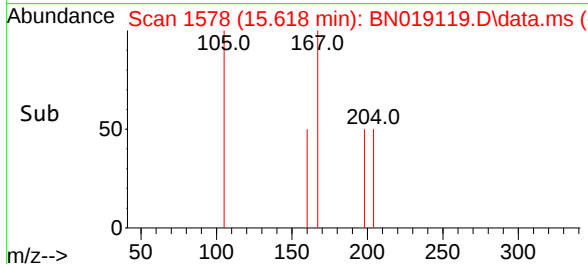
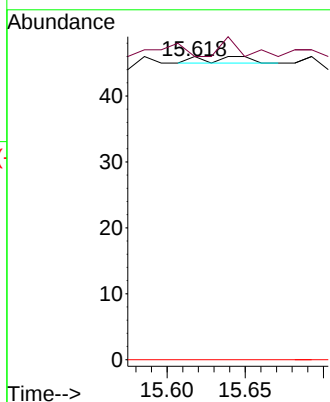
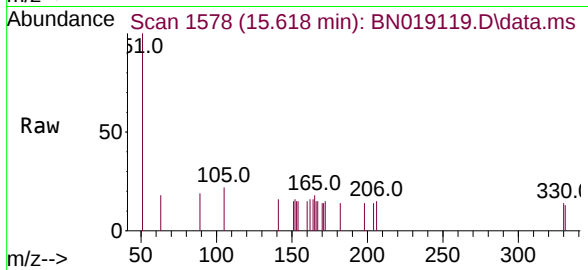




#20
4,6-Dinitro-2-methylphenol
Concen: 0.111 ng
RT: 15.618 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

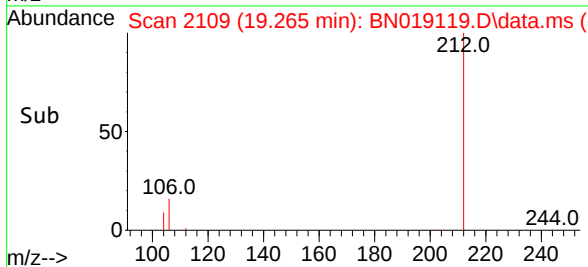
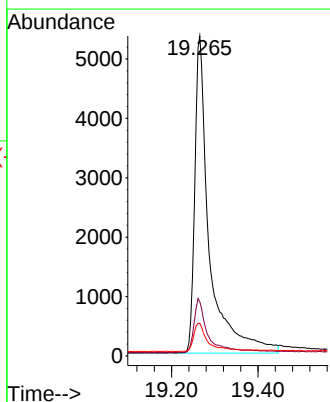
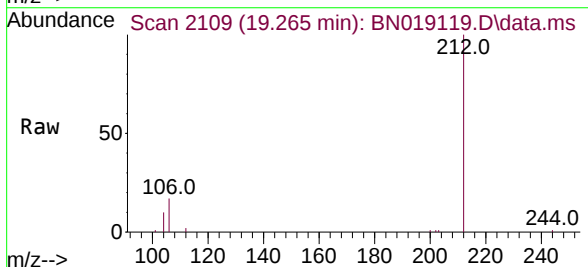
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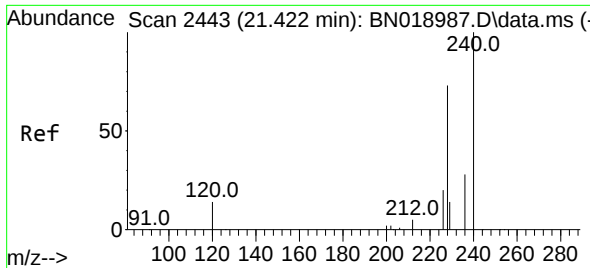
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 100.0 13.0 19.4#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.429 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN019119.D
Acq: 24 Mar 2022 09:19

Tgt Ion:212 Resp: 12514
Ion Ratio Lower Upper
212 100
106 15.5 12.7 19.1
104 8.5 7.1 10.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.422 min Scan# 2443

Delta R.T. -0.000 min

Lab File: BN019119.D

Acq: 24 Mar 2022 09:19

Instrument :

BNA_N

ClientSampleId :

TT101D2-20220321

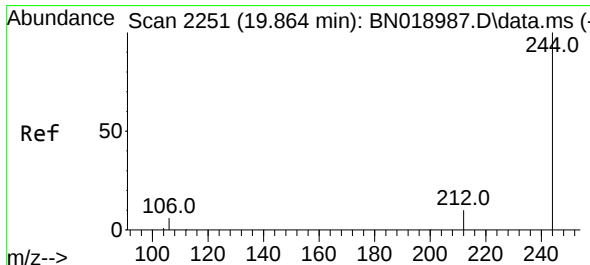
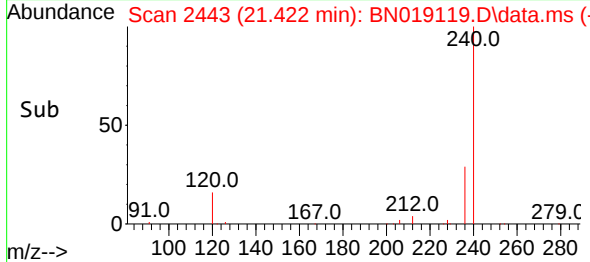
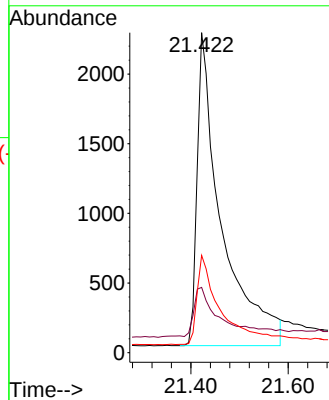
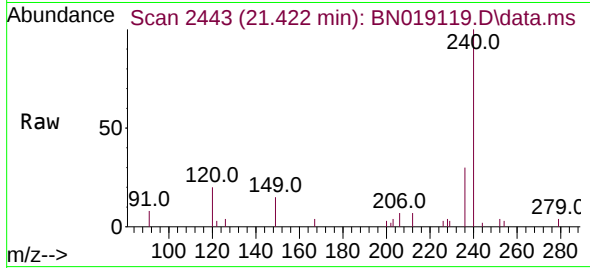
Tgt Ion:240 Resp: 7796

Ion Ratio Lower Upper

240 100

120 20.4 8.5 12.7#

236 30.4 22.4 33.6



#31

Terphenyl-d14

Concen: 0.430 ng

RT: 19.860 min Scan# 2250

Delta R.T. -0.004 min

Lab File: BN019119.D

Acq: 24 Mar 2022 09:19

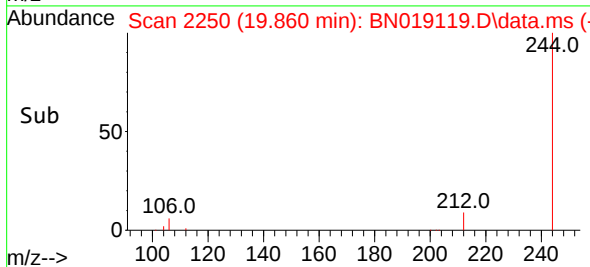
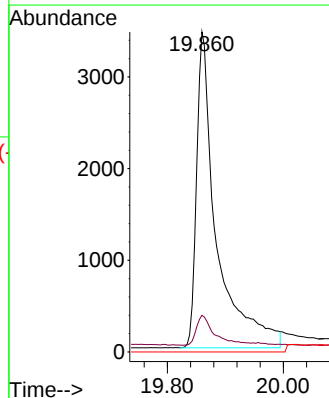
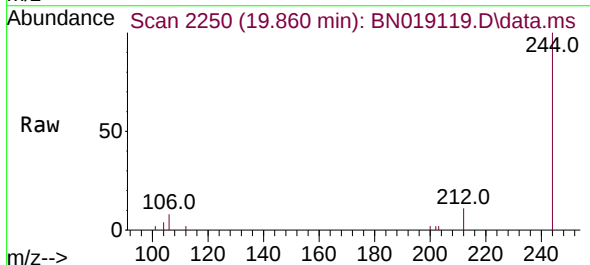
Tgt Ion:244 Resp: 8227

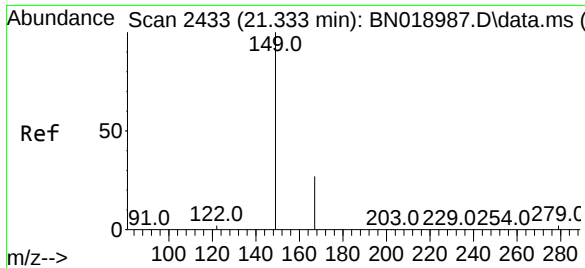
Ion Ratio Lower Upper

244 100

212 11.5 8.2 12.4

122 0.0 0.0 0.0

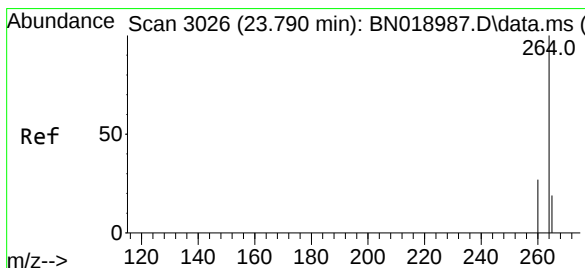
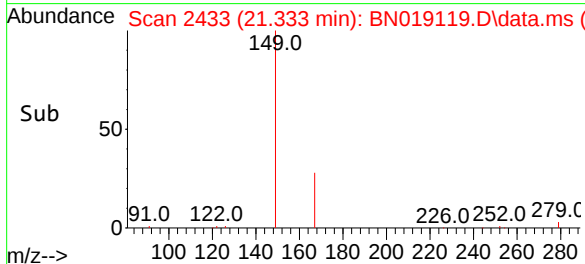
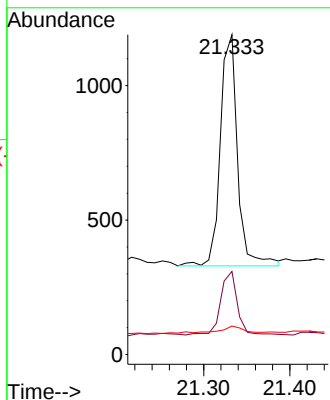
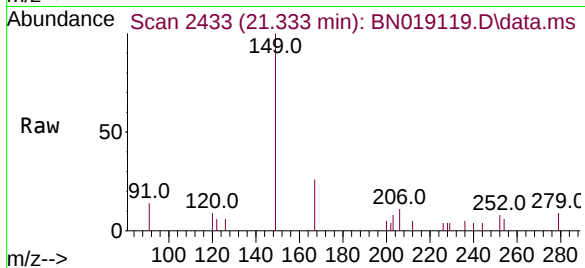




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.075 ng
 RT: 21.333 min Scan# 2433
 Delta R.T. -0.000 min
 Lab File: BN019119.D
 Acq: 24 Mar 2022 09:19

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20220321

Tgt Ion:149 Resp: 1189
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.8 32.8
 279 3.6 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.793 min Scan# 3027
 Delta R.T. 0.003 min
 Lab File: BN019119.D
 Acq: 24 Mar 2022 09:19

Tgt Ion:264 Resp: 6171
 Ion Ratio Lower Upper
 264 100
 260 28.3 22.4 33.6
 265 55.3 25.3 37.9#

