

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
 Data File : BN019057.D
 Acq On : 22 Mar 2022 15:20
 Operator : CG/JU
 Sample : N2000-06DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE-132D5-20220315DL

Quant Time: Mar 23 04:50:49 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)

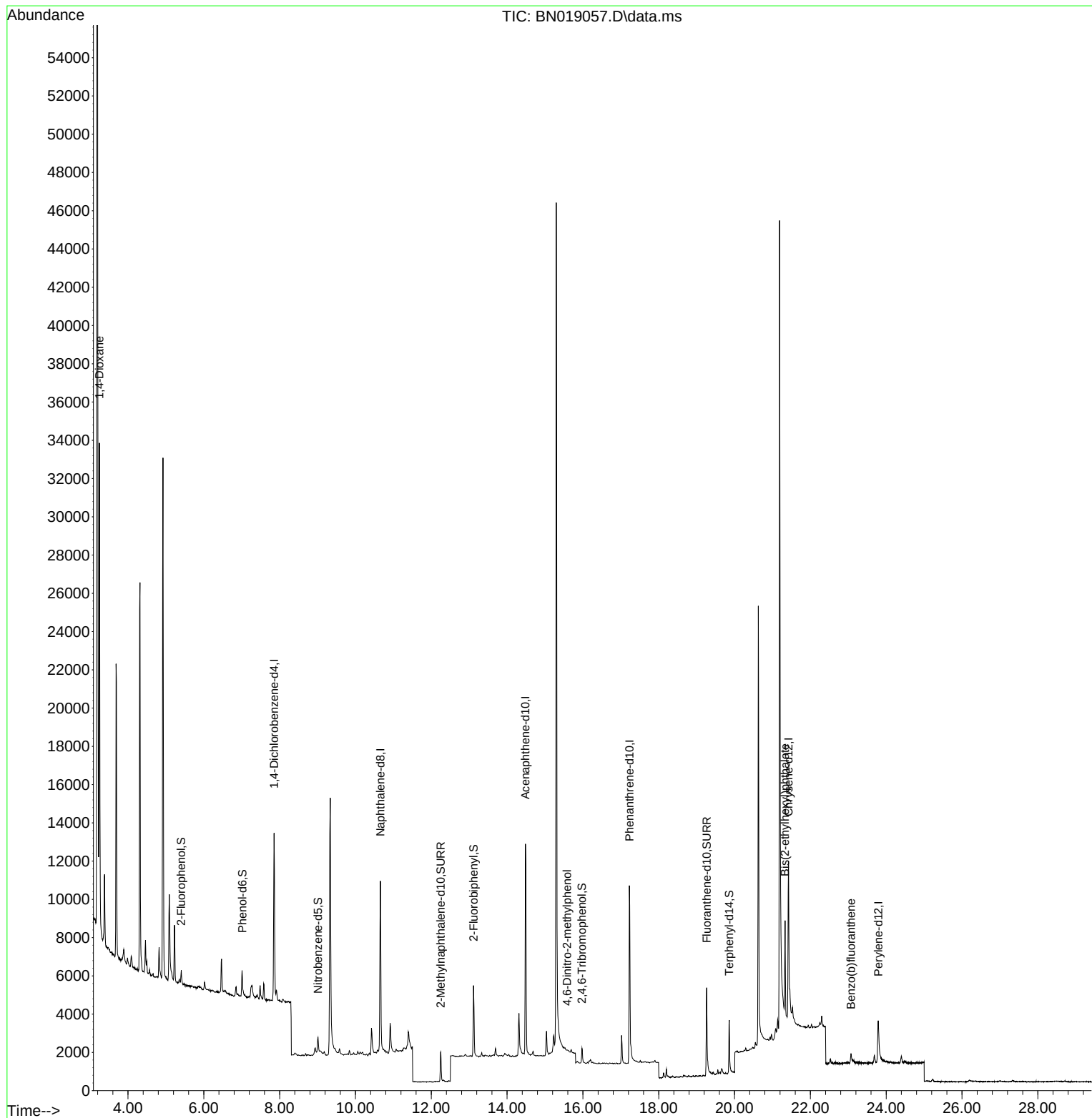
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4496	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	12338	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	6812	0.400	ng	-0.01
19) Phenanthrene-d10	17.225	188	14995	0.400	ng	-0.01
29) Chrysene-d12	21.422	240	12134	0.400	ng	# 0.00
35) Perylene-d12	23.790	264	4509	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	571	0.057	ng	0.00
5) Phenol-d6	7.016	99	332	0.031	ng	0.00
8) Nitrobenzene-d5	9.014	82	949	0.107	ng	0.00
11) 2-Methylnaphthalene-d10	12.246	152	2304	0.113	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	445	0.135	ng	-0.01
15) 2-Fluorobiphenyl	13.116	172	3416	0.125	ng	-0.01
27) Fluoranthene-d10	19.265	212	6014	0.135	ng	0.00
31) Terphenyl-d14	19.860	244	3843	0.129	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.246	88	13726	2.470	ng	Qvalue 98
20) 4,6-Dinitro-2-methylph...	15.586	198	5	0.111	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.333	149	5702	0.230	ng	# 89
37) Benzo(b)fluoranthene	23.071	252	335	0.020	ng	# 1

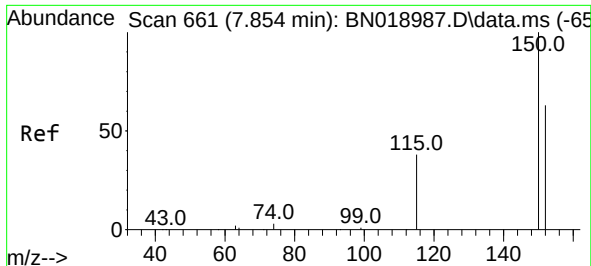
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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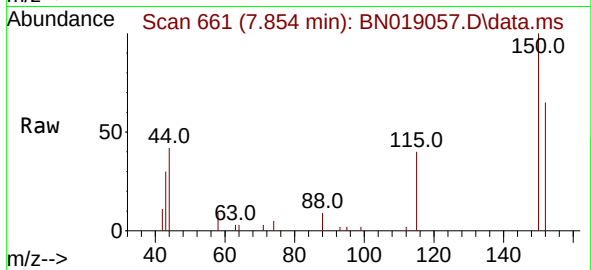
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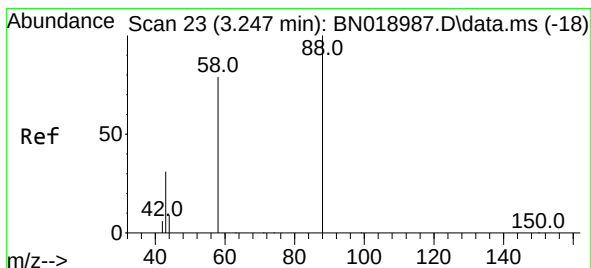
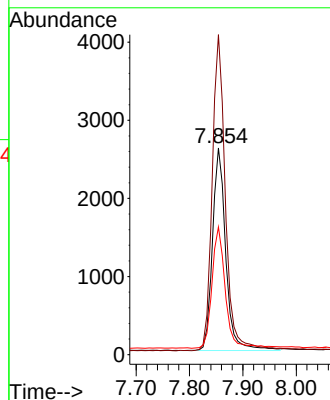
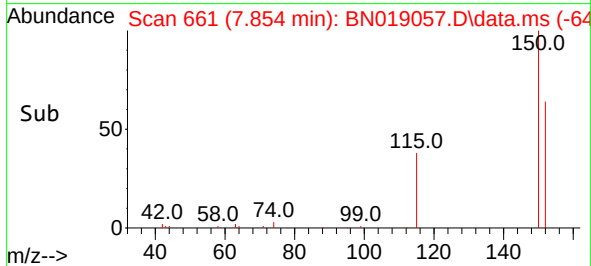


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.000 min
 Lab File: BN019057.D
 Acq: 22 Mar 2022 15:20

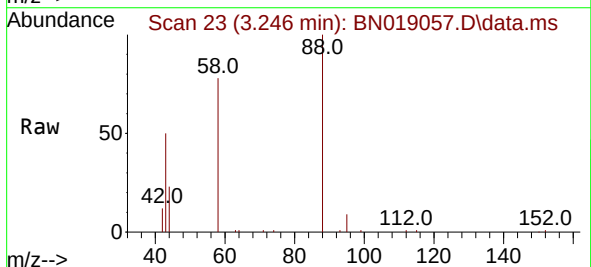
Instrument :
 BNA_N
 ClientSampleId :
 RE-132D5-20220315DL



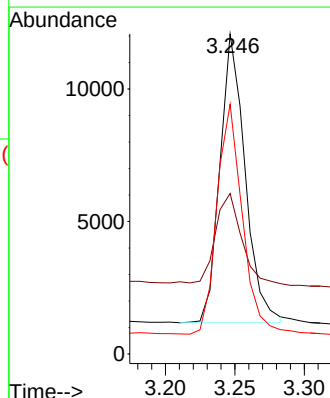
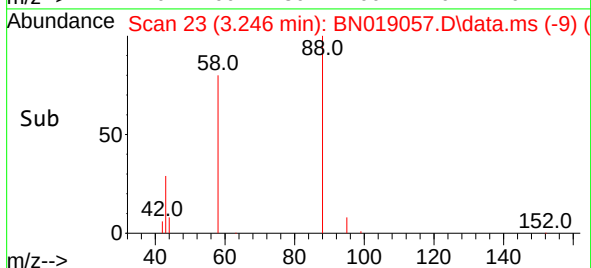
Tgt Ion:152 Resp: 4496
 Ion Ratio Lower Upper
 152 100
 150 154.7 123.9 185.9
 115 61.8 48.2 72.4

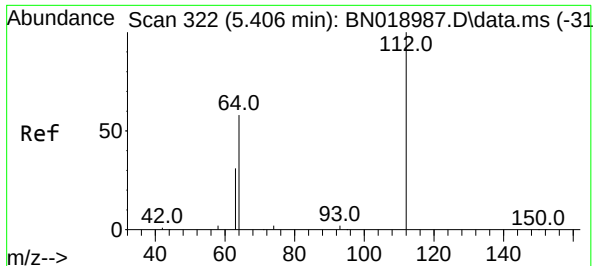


#2
 1,4-Dioxane
 Concen: 2.470 ng
 RT: 3.246 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: BN019057.D
 Acq: 22 Mar 2022 15:20



Tgt Ion: 88 Resp: 13726
 Ion Ratio Lower Upper
 88 100
 43 31.9 24.6 37.0
 58 80.0 65.4 98.2





#4

2-Fluorophenol

Concen: 0.057 ng

RT: 5.406 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN019057.D

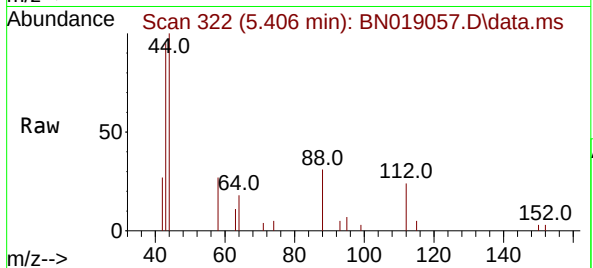
Acq: 22 Mar 2022 15:20

Instrument :

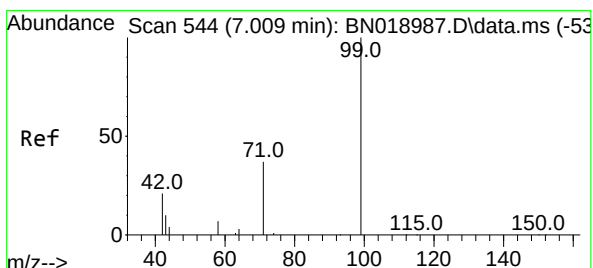
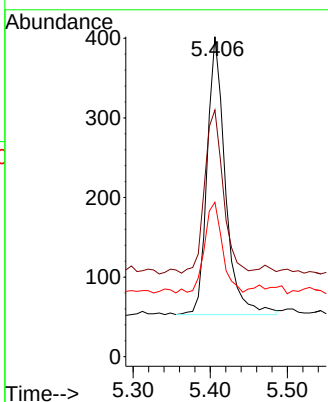
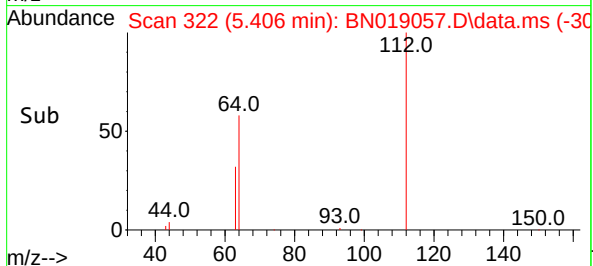
BNA_N

ClientSampleId :

RE-132D5-20220315DL



Tgt Ion:	112	Resp:	571
Ion Ratio	Lower	Upper	
112	100		
64	59.9	47.8	71.8
63	32.2	25.7	38.5



#5

Phenol-d6

Concen: 0.031 ng

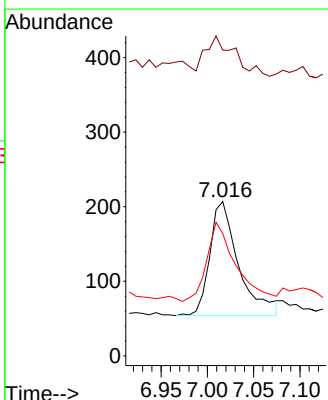
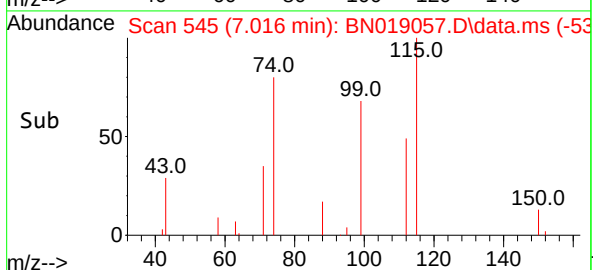
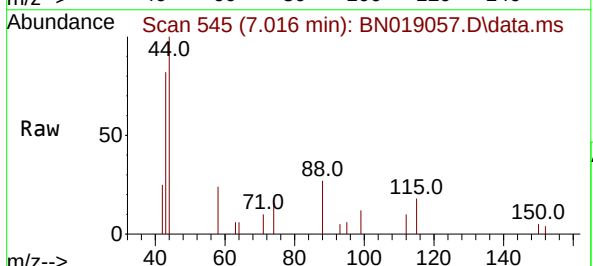
RT: 7.016 min Scan# 545

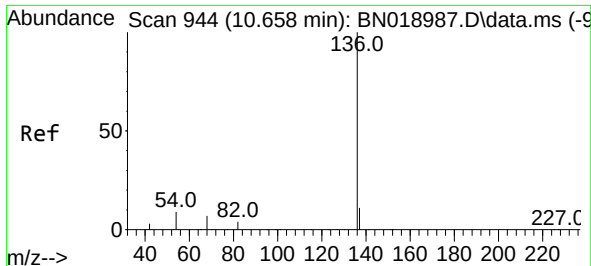
Delta R.T. 0.007 min

Lab File: BN019057.D

Acq: 22 Mar 2022 15:20

Tgt Ion:	99	Resp:	332
Ion Ratio	Lower	Upper	
99	100		
42	35.2	16.2	24.4#
71	69.9	27.7	41.5#

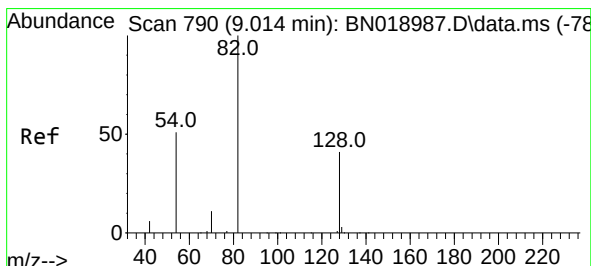
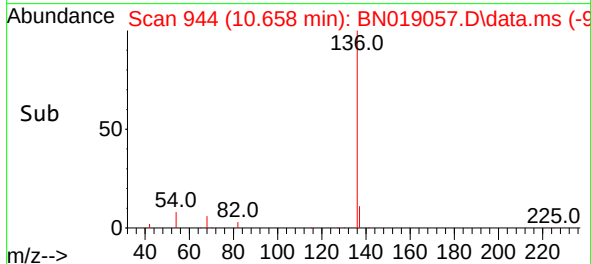
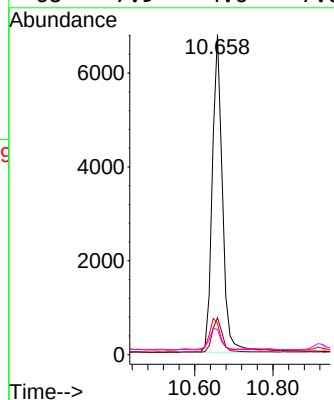
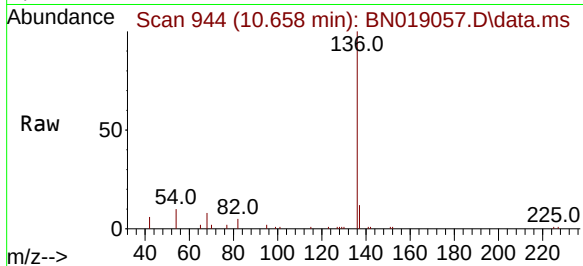




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019057.D
Acq: 22 Mar 2022 15:20

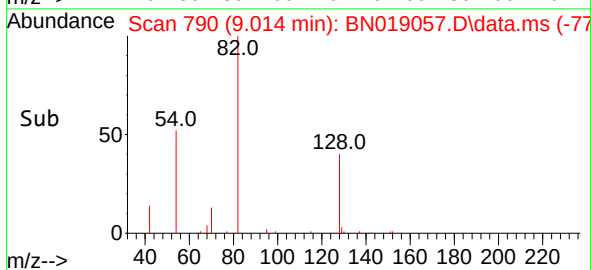
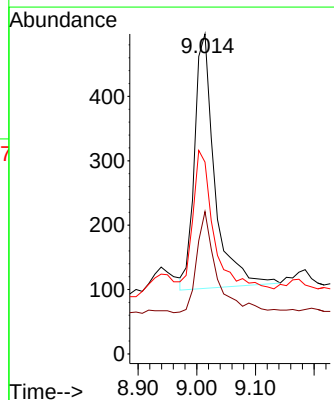
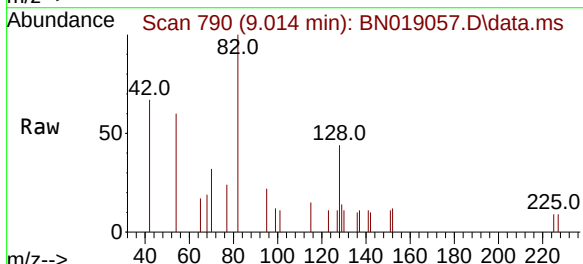
Instrument :
BNA_N
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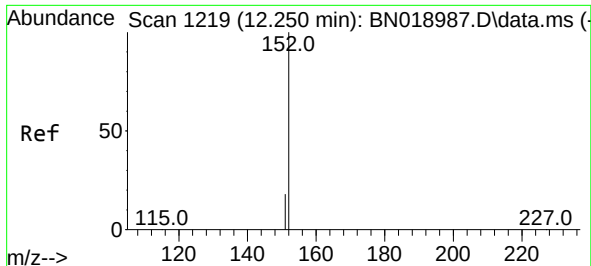
Tgt Ion:	136	Resp:	12338
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	9.8	5.8	8.6#
68	7.9	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.107 ng
RT: 9.014 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN019057.D
Acq: 22 Mar 2022 15:20

Tgt Ion:	82	Resp:	949
Ion	Ratio	Lower	Upper
82	100		
128	44.5	33.0	49.6
54	60.0	42.5	63.7

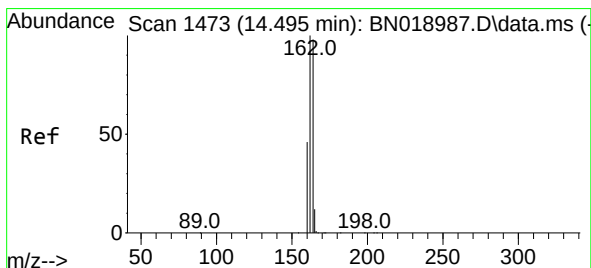
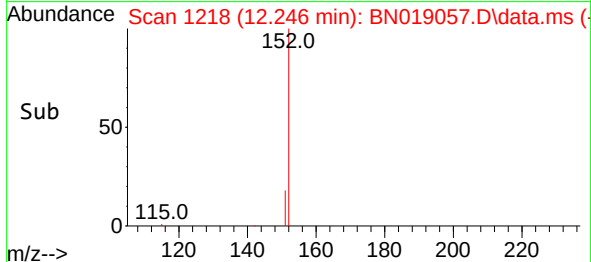
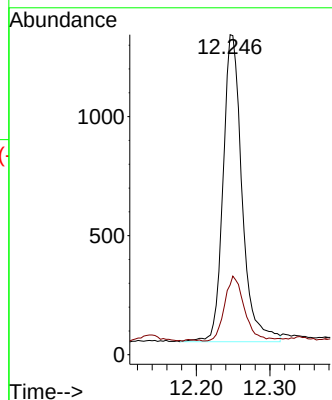
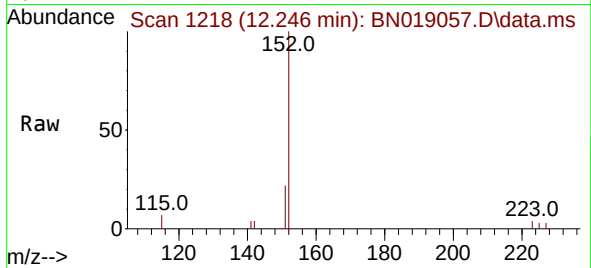




#11
2-Methylnaphthalene-d10
Concen: 0.113 ng
RT: 12.246 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN019057.D
Acq: 22 Mar 2022 15:20

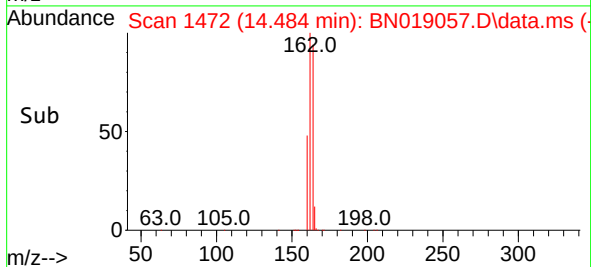
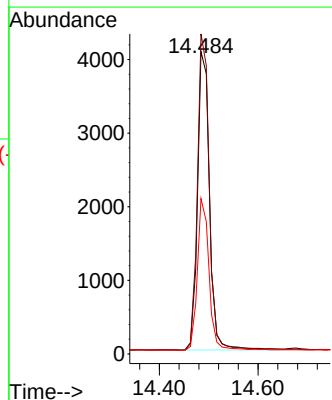
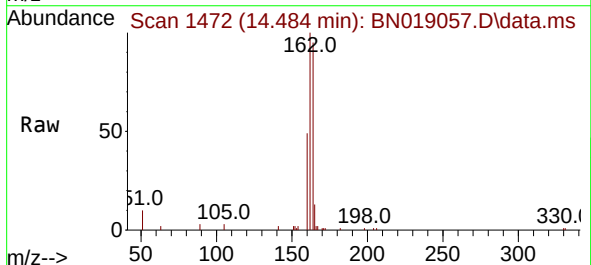
Instrument :
BNA_N
ClientSampleId :
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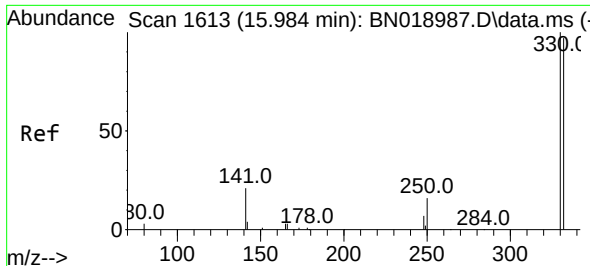
Tgt Ion:152 Resp: 2304
Ion Ratio Lower Upper
152 100
151 22.3 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019057.D
Acq: 22 Mar 2022 15:20

Tgt Ion:164 Resp: 6812
Ion Ratio Lower Upper
164 100
162 105.8 85.2 127.8
160 51.4 41.5 62.3

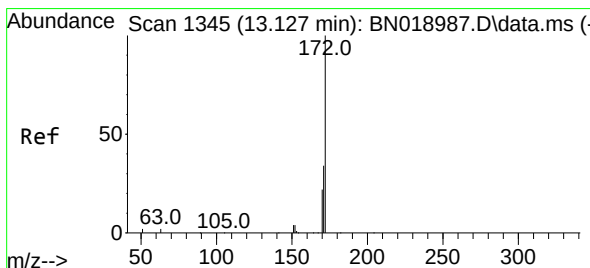
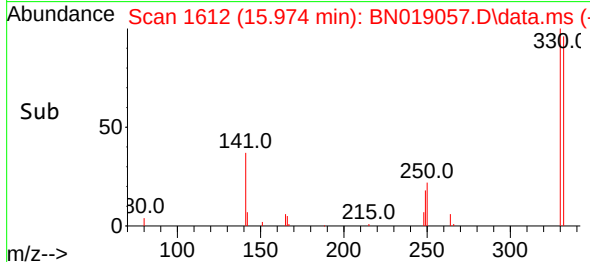
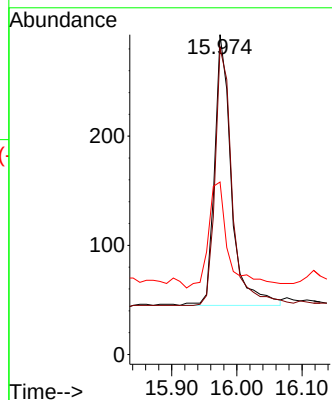
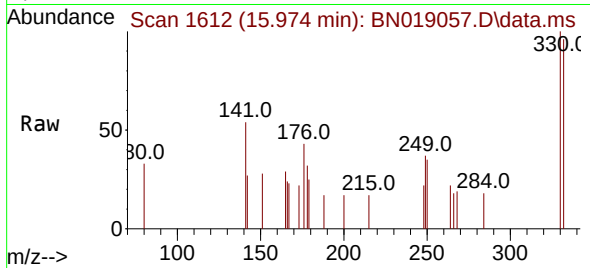




#14
2,4,6-Tribromophenol
Concen: 0.135 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.010 min
Lab File: BN019057.D
Acq: 22 Mar 2022 15:20

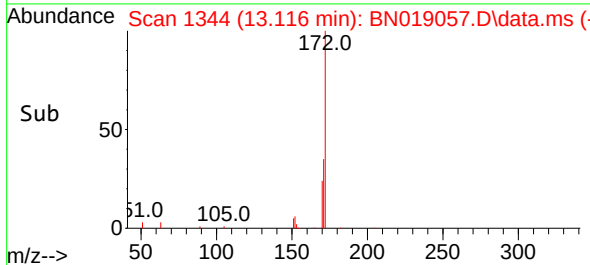
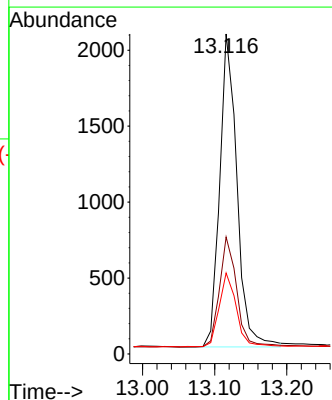
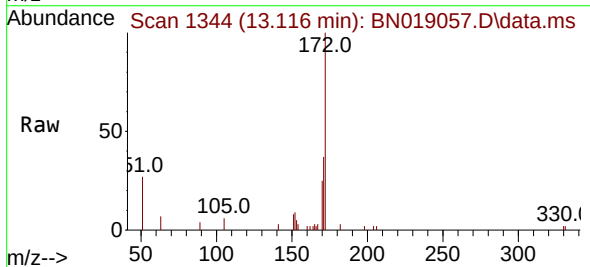
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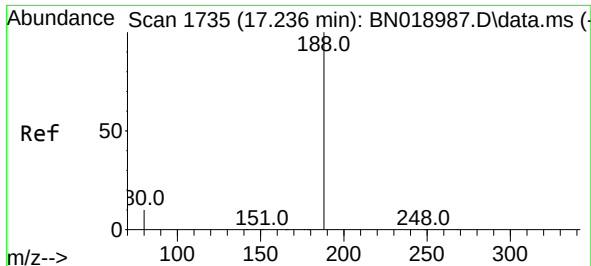
Tgt Ion:330 Resp: 445
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 46.7 32.2 48.2



#15
2-Fluorobiphenyl
Concen: 0.125 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN019057.D
Acq: 22 Mar 2022 15:20

Tgt Ion:172 Resp: 3416
Ion Ratio Lower Upper
172 100
171 36.5 28.2 42.2
170 25.3 18.7 28.1

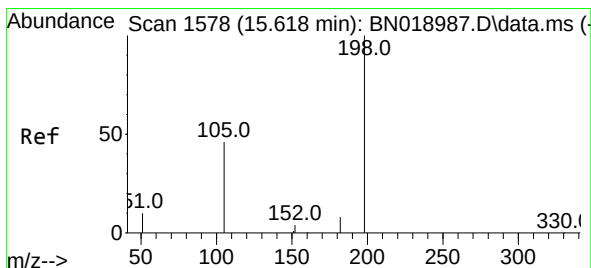
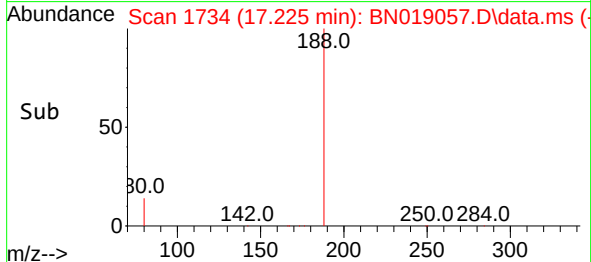
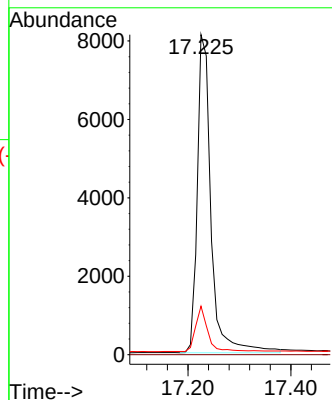
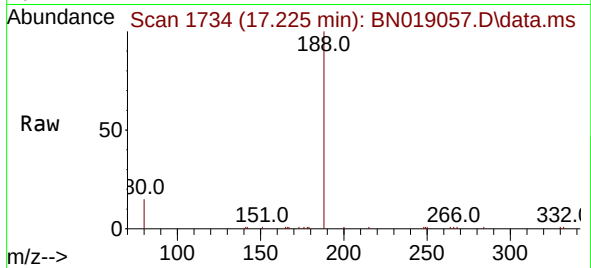




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN019057.D
Acq: 22 Mar 2022 15:20

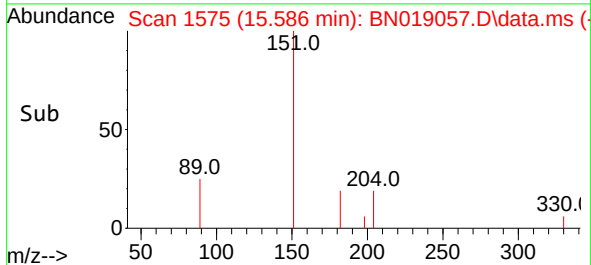
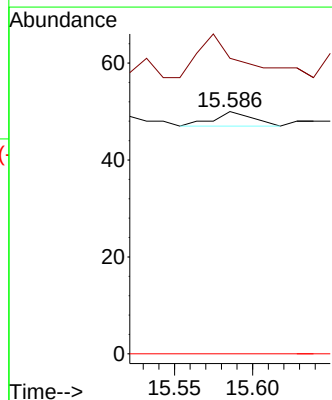
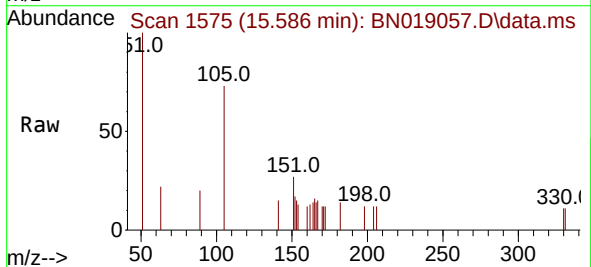
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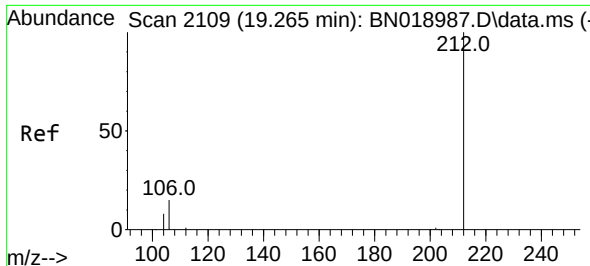
Tgt Ion:188 Resp: 14995
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 11.8 17.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.111 ng
RT: 15.586 min Scan# 1575
Delta R.T. -0.033 min
Lab File: BN019057.D
Acq: 22 Mar 2022 15:20

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 122.0 13.0 19.4#
77 0.0 0.0 0.0

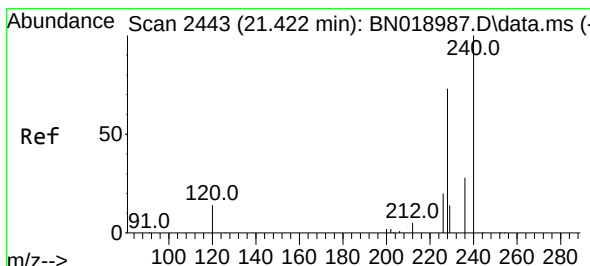
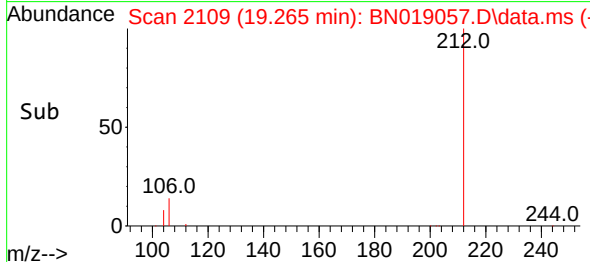
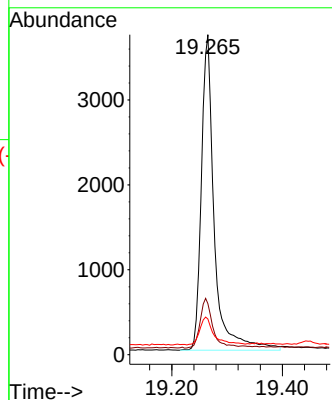
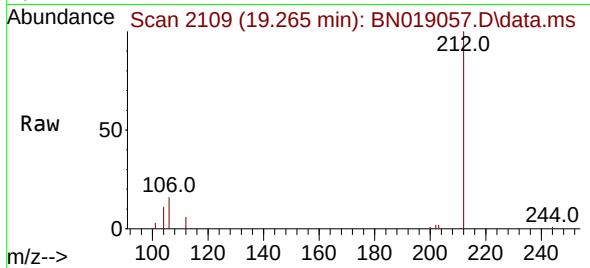




#27
Fluoranthene-d10
Concen: 0.135 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN019057.D
Acq: 22 Mar 2022 15:20

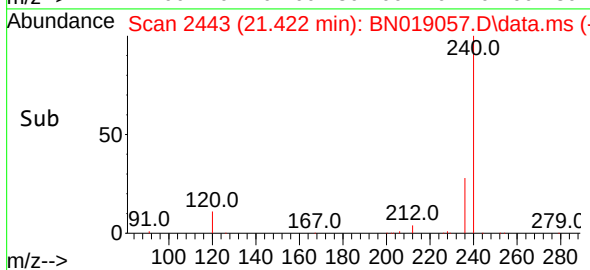
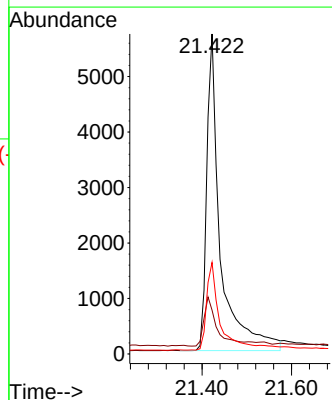
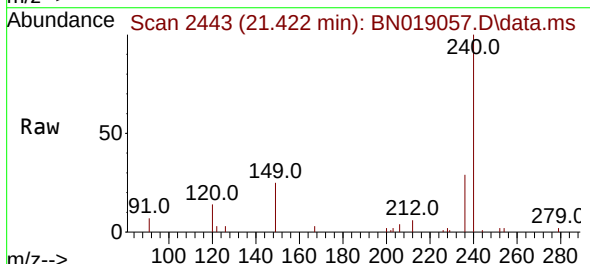
Instrument :
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RE-132D5-20220315DL

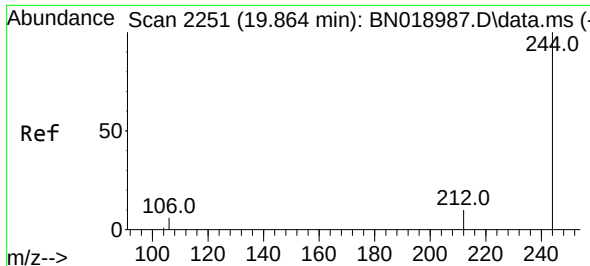
Tgt Ion:212 Resp: 6014
Ion Ratio Lower Upper
212 100
106 15.3 12.7 19.1
104 9.7 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN019057.D
Acq: 22 Mar 2022 15:20

Tgt Ion:240 Resp: 12134
Ion Ratio Lower Upper
240 100
120 13.7 8.5 12.7#
236 28.6 22.4 33.6

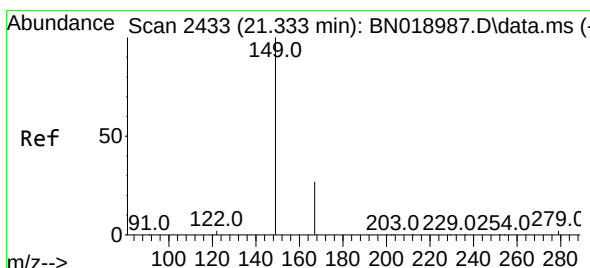
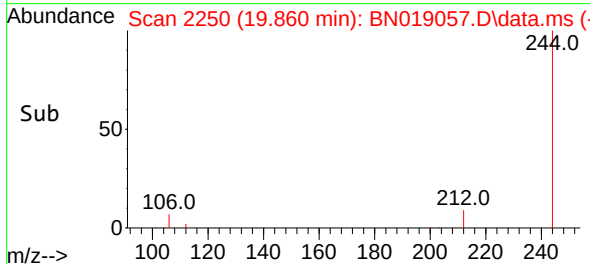
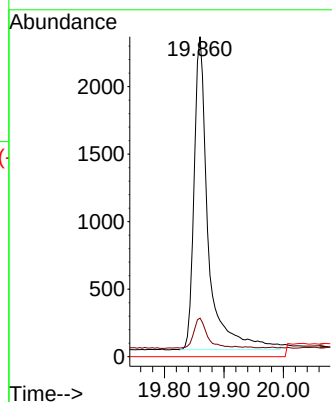
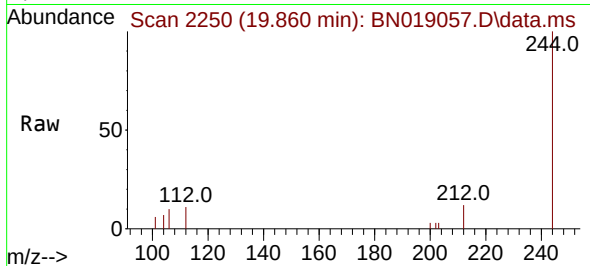




#31
Terphenyl-d14
Concen: 0.129 ng
RT: 19.860 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019057.D
Acq: 22 Mar 2022 15:20

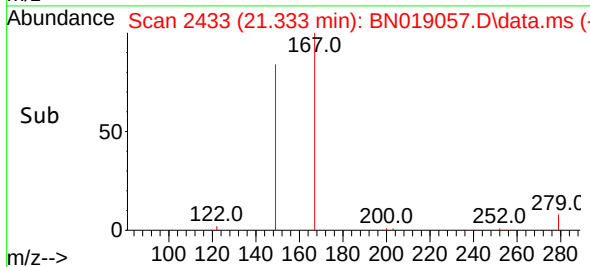
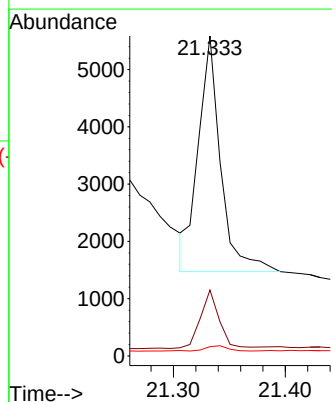
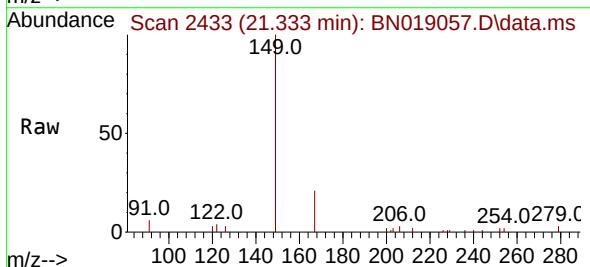
Instrument :
BNA_N
ClientSampleId :
RE-132D5-20220315DL

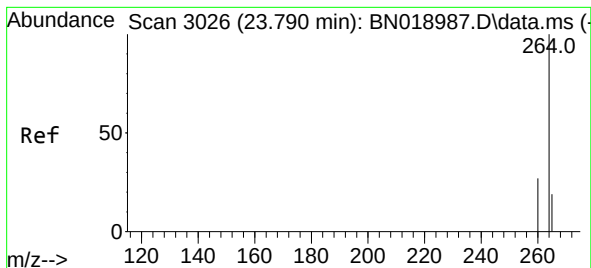
Tgt Ion:244 Resp: 3843
Ion Ratio Lower Upper
244 100
212 12.1 8.2 12.4
122 0.0 0.0 0.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.230 ng
RT: 21.333 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BN019057.D
Acq: 22 Mar 2022 15:20

Tgt Ion:149 Resp: 5702
Ion Ratio Lower Upper
149 100
167 21.2 21.8 32.8#
279 2.5 2.0 3.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.790 min Scan# 30

Delta R.T. -0.000 min

Lab File: BN019057.D

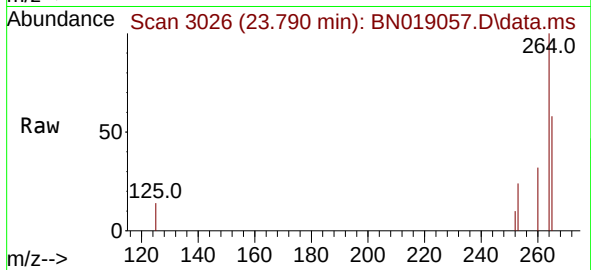
Acq: 22 Mar 2022 15:20

Instrument :

BNA_N

ClientSampleId :

RE-132D5-20220315DL



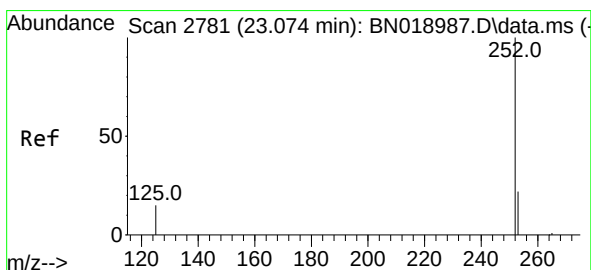
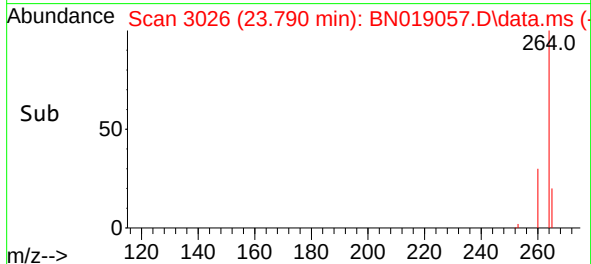
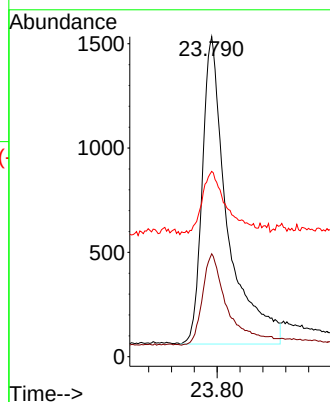
Tgt Ion:264 Resp: 4509

Ion Ratio Lower Upper

264 100

260 32.1 22.4 33.6

265 57.9 25.3 37.9#



#37

Benzo(b)fluoranthene

Concen: 0.020 ng

RT: 23.071 min Scan# 2780

Delta R.T. -0.003 min

Lab File: BN019057.D

Acq: 22 Mar 2022 15:20

Tgt Ion:252 Resp: 335

Ion Ratio Lower Upper

252 100

253 125.2 18.9 28.3#

125 154.9 12.1 18.1#

