

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
 Data File : BN019093.D
 Acq On : 23 Mar 2022 16:01
 Operator : CG/JU
 Sample : N2041-02DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20220316DL

Quant Time: Mar 23 16:46:53 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

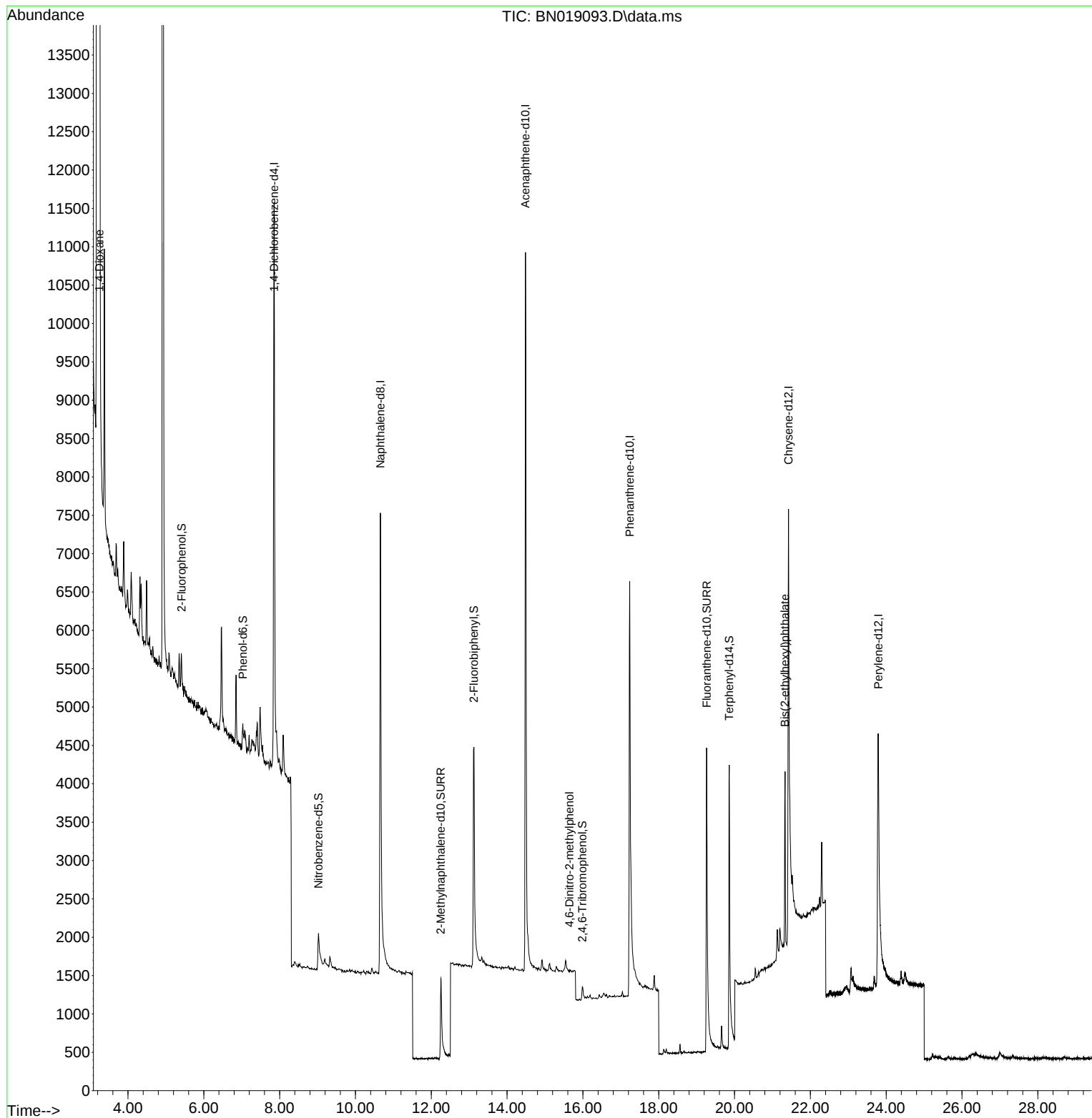
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	4284	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	11039	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	6820	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	12691	0.400	ng	0.00
29) Chrysene-d12	21.422	240	10429	0.400	ng	# 0.00
35) Perylene-d12	23.791	264	8283	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	498	0.052	ng	0.00
5) Phenol-d6	7.031	99	221	0.022	ng	0.02
8) Nitrobenzene-d5	9.025	82	862	0.108	ng	0.01
11) 2-Methylnaphthalene-d10	12.254	152	2461	0.134	ng	0.00
14) 2,4,6-Tribromophenol	15.985	330	182	0.055	ng	0.00
15) 2-Fluorobiphenyl	13.127	172	3853	0.141	ng	0.00
27) Fluoranthene-d10	19.265	212	6776	0.180	ng	0.00
31) Terphenyl-d14	19.860	244	6284	0.245	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	16502	3.117	ng	98
20) 4,6-Dinitro-2-methylph...	15.650	198	8	0.113	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.333	149	2065	0.097	ng	# 100

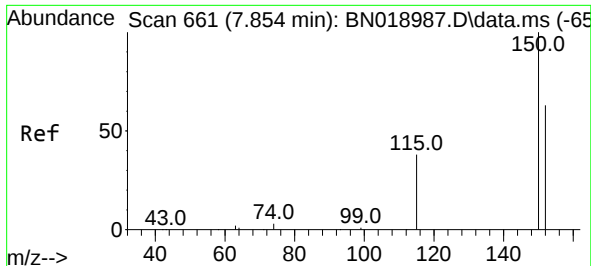
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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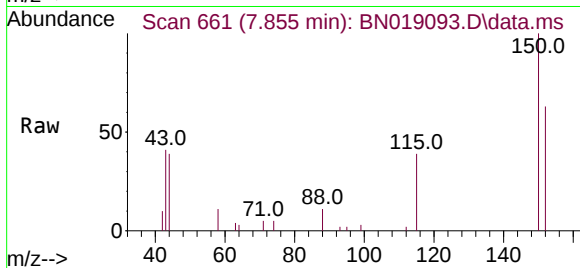
Quant Time: Mar 23 16:46:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
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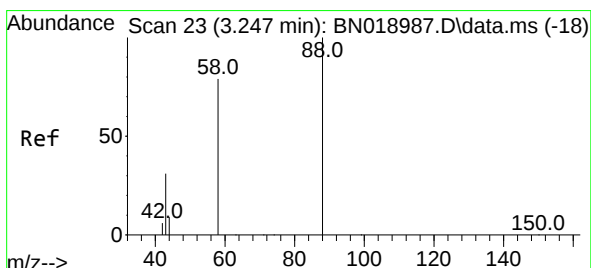
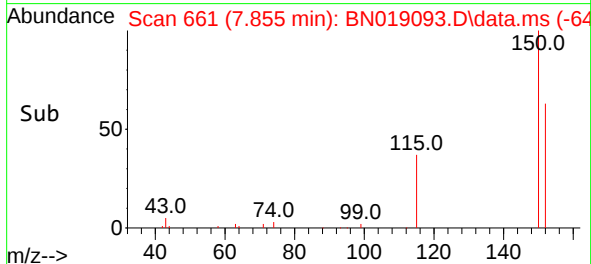
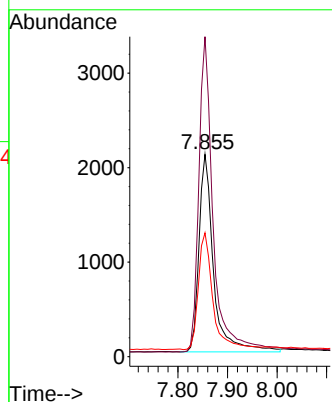
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.855 min Scan# 661
 Delta R.T. 0.001 min
 Lab File: BN019093.D
 Acq: 23 Mar 2022 16:01

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20220316DL



Tgt Ion:152 Resp: 4284

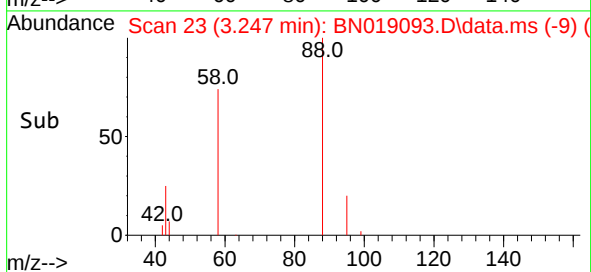
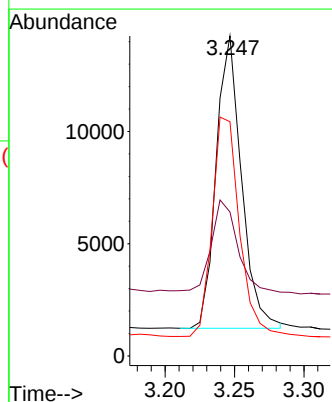
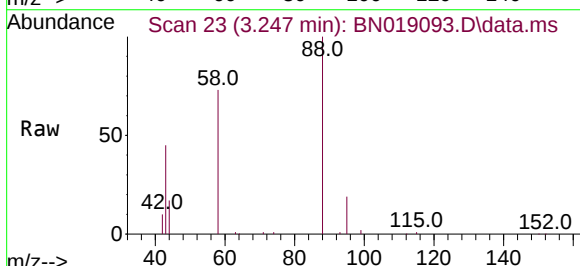
Ion	Ratio	Lower	Upper
152	100		
150	158.1	123.9	185.9
115	61.2	48.2	72.4

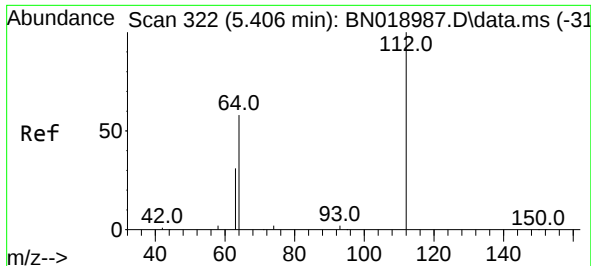


#2
 1,4-Dioxane
 Concen: 3.117 ng
 RT: 3.247 min Scan# 23
 Delta R.T. 0.000 min
 Lab File: BN019093.D
 Acq: 23 Mar 2022 16:01

Tgt Ion: 88 Resp: 16502

Ion	Ratio	Lower	Upper
88	100		
43	32.5	24.6	37.0
58	80.6	65.4	98.2





#4

2-Fluorophenol

Concen: 0.052 ng

RT: 5.413 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN019093.D

Acq: 23 Mar 2022 16:01

Instrument :

BNA_N

ClientSampleId :

RE120D1-20220316DL

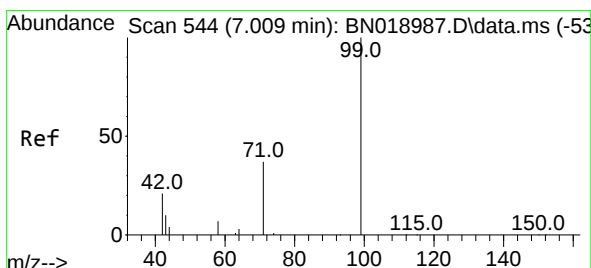
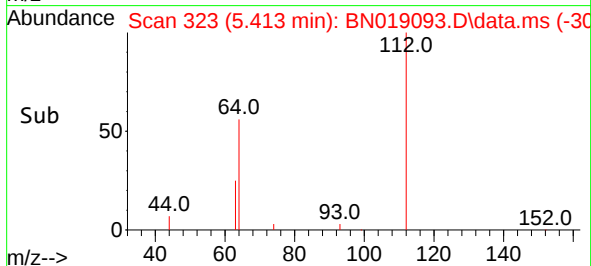
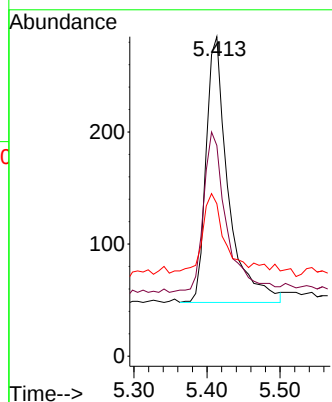
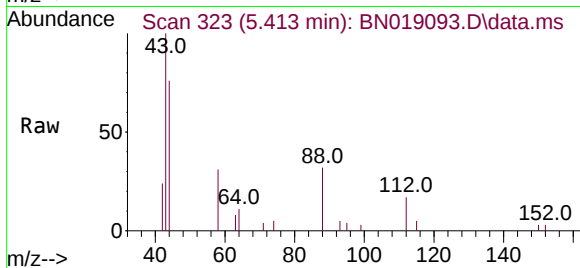
Tgt Ion:112 Resp: 498

Ion Ratio Lower Upper

112 100

64 62.9 47.8 71.8

63 27.1 25.7 38.5



#5

Phenol-d6

Concen: 0.022 ng

RT: 7.031 min Scan# 547

Delta R.T. 0.022 min

Lab File: BN019093.D

Acq: 23 Mar 2022 16:01

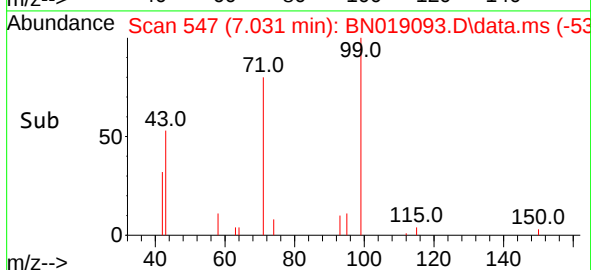
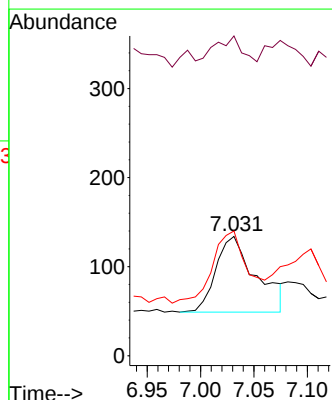
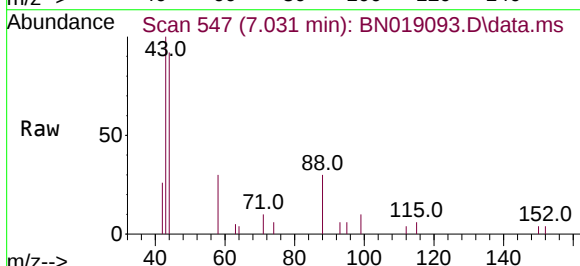
Tgt Ion: 99 Resp: 221

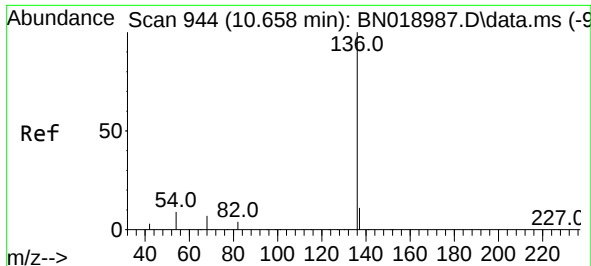
Ion Ratio Lower Upper

99 100

42 21.7 16.2 24.4

71 84.2 27.7 41.5#

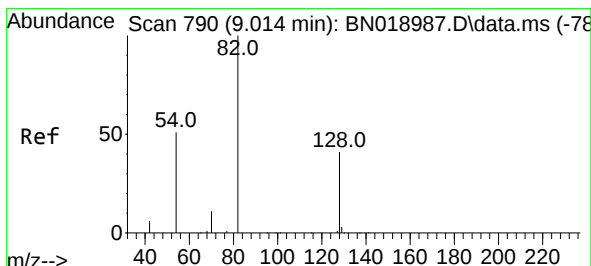
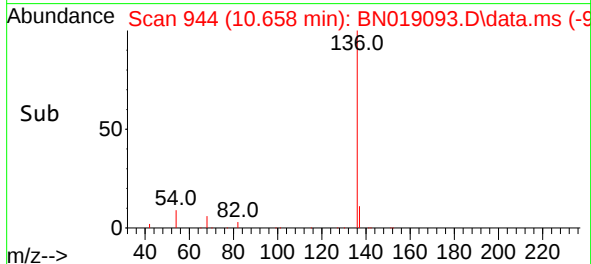
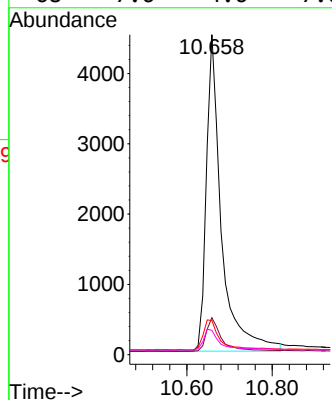
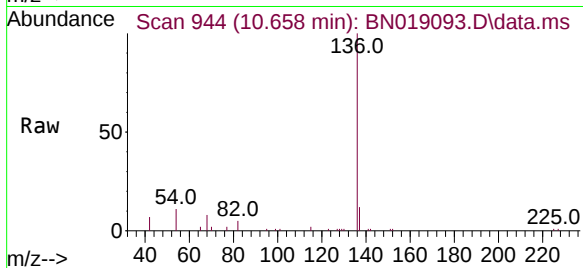




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN019093.D
Acq: 23 Mar 2022 16:01

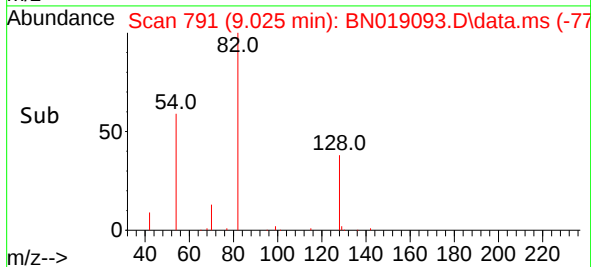
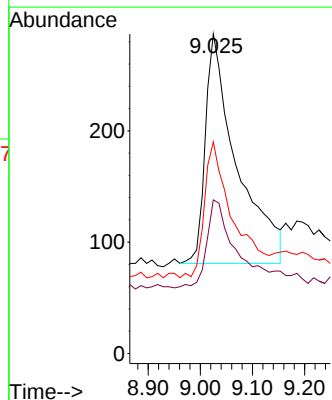
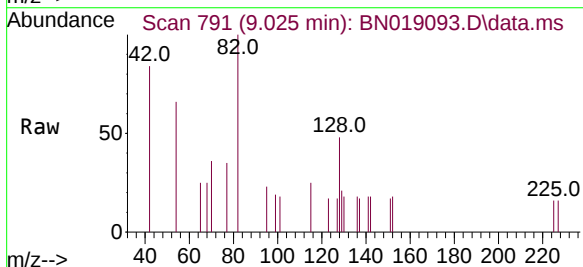
Instrument :
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ClientSampleId :
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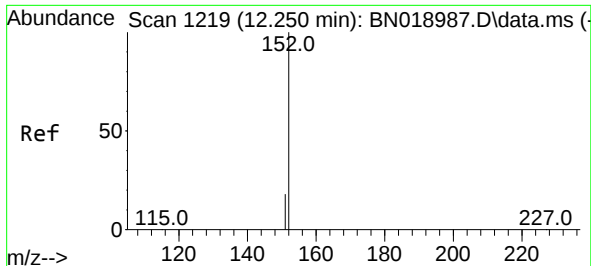
Tgt Ion:	136	Resp:	11039
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	10.7	5.8	8.6#
68	7.6	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.108 ng
RT: 9.025 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN019093.D
Acq: 23 Mar 2022 16:01

Tgt Ion:	82	Resp:	862
Ion	Ratio	Lower	Upper
82	100		
128	48.1	33.0	49.6
54	66.2	42.5	63.7#

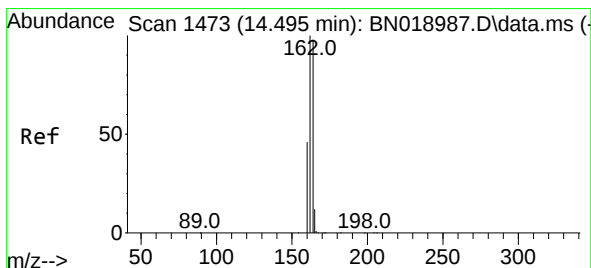
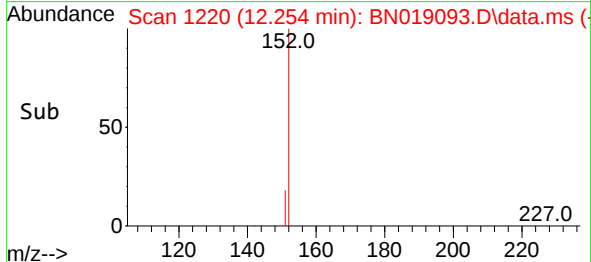
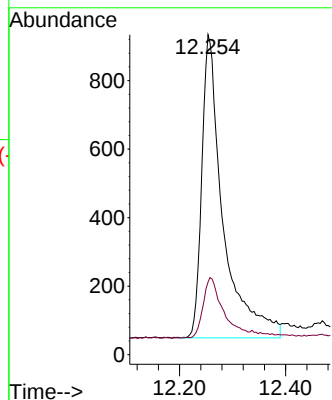
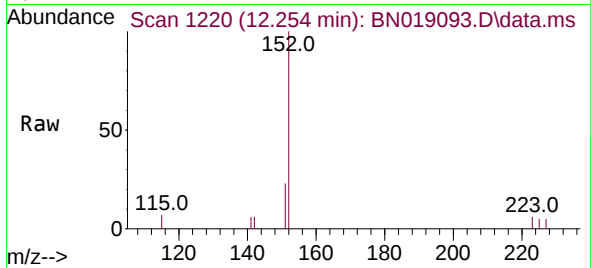




#11
2-Methylnaphthalene-d10
Concen: 0.134 ng
RT: 12.254 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN019093.D
Acq: 23 Mar 2022 16:01

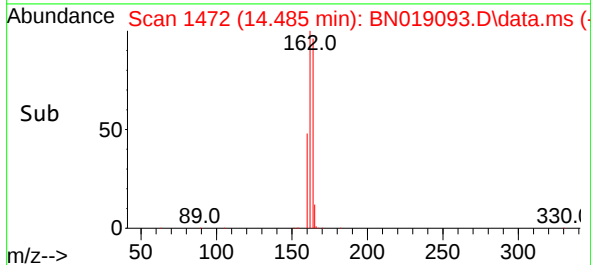
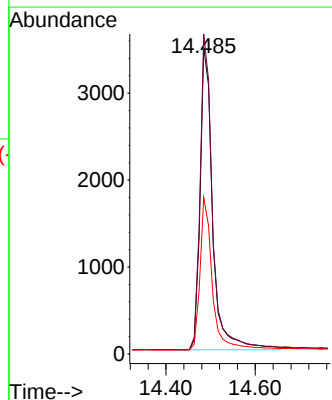
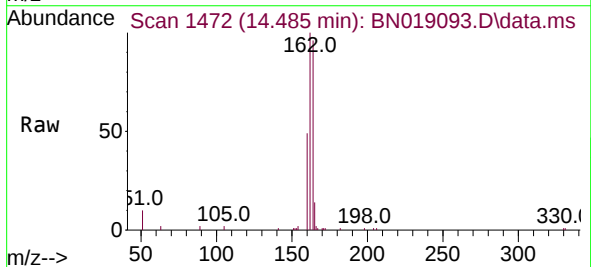
Instrument :
BNA_N
ClientSampleId :
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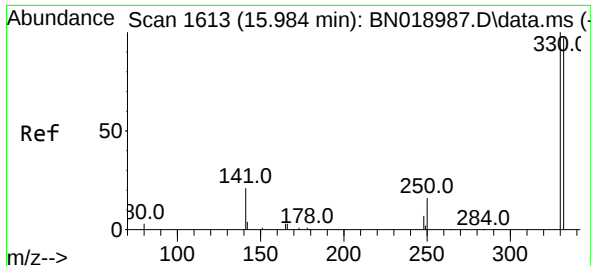
Tgt Ion:152 Resp: 2461
Ion Ratio Lower Upper
152 100
151 18.8 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019093.D
Acq: 23 Mar 2022 16:01

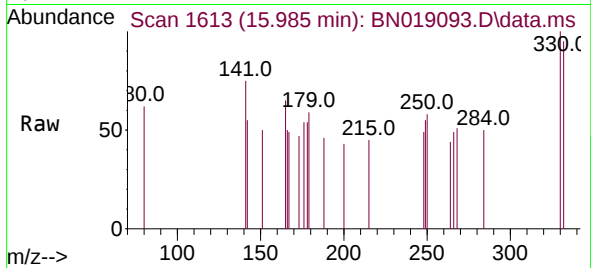
Tgt Ion:164 Resp: 6820
Ion Ratio Lower Upper
164 100
162 104.4 85.2 127.8
160 51.0 41.5 62.3



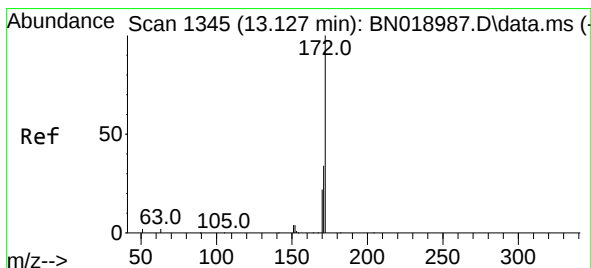
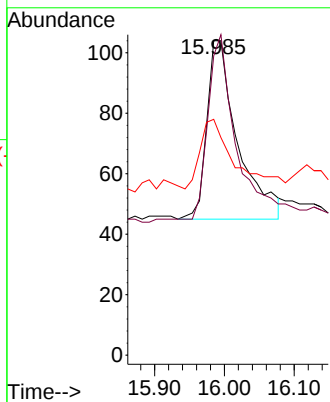
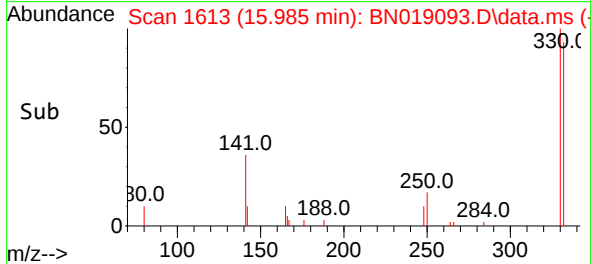


#14
2,4,6-Tribromophenol
Concen: 0.055 ng
RT: 15.985 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BN019093.D
Acq: 23 Mar 2022 16:01

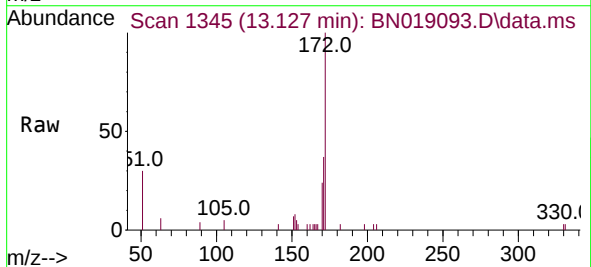
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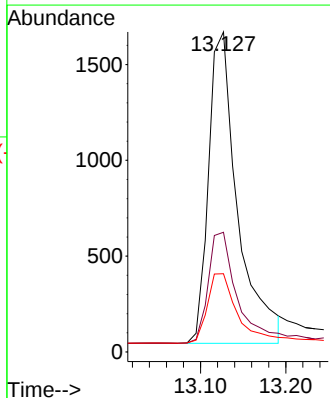
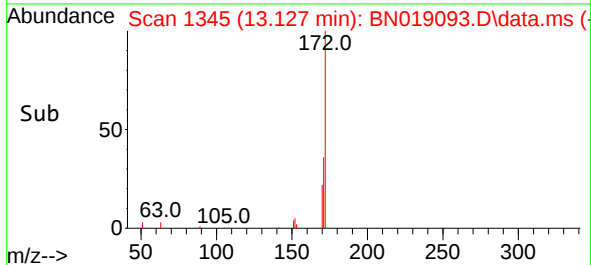
Tgt Ion:330 Resp: 182
Ion Ratio Lower Upper
330 100
332 92.3 76.8 115.2
141 40.7 32.2 48.2

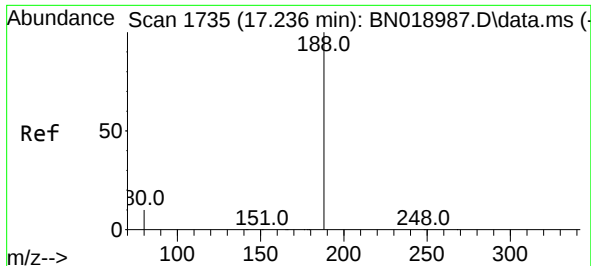


#15
2-Fluorobiphenyl
Concen: 0.141 ng
RT: 13.127 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BN019093.D
Acq: 23 Mar 2022 16:01



Tgt Ion:172 Resp: 3853
Ion Ratio Lower Upper
172 100
171 37.4 28.2 42.2
170 24.4 18.7 28.1

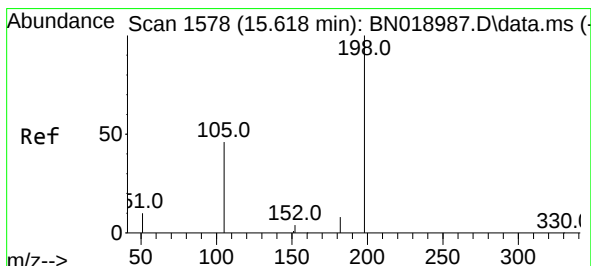
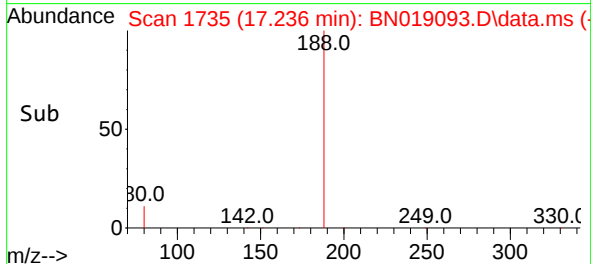
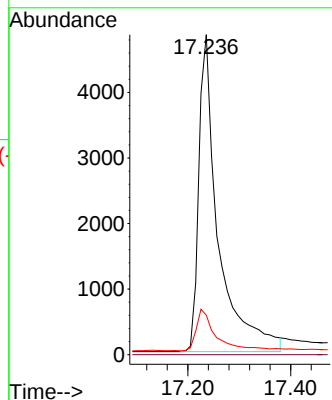
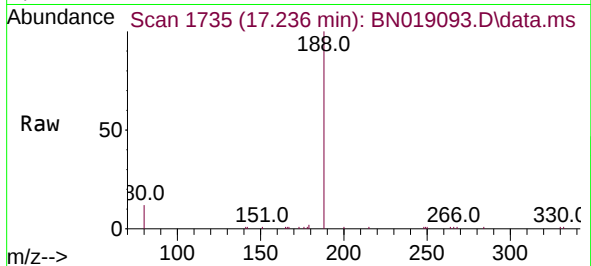




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019093.D
Acq: 23 Mar 2022 16:01

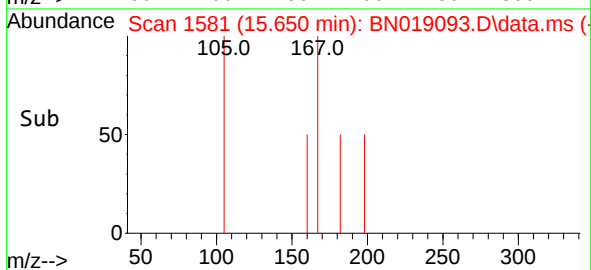
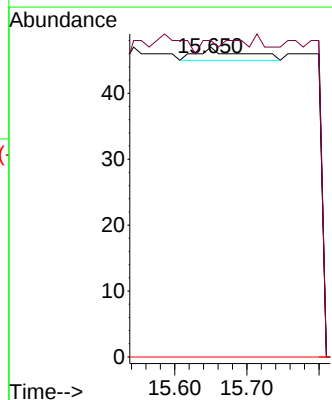
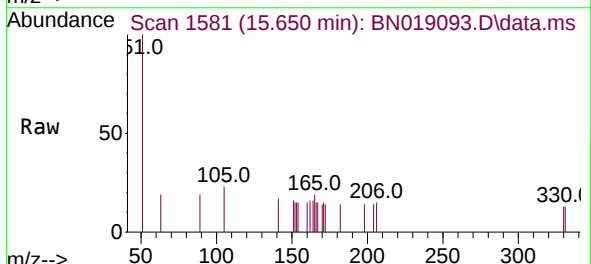
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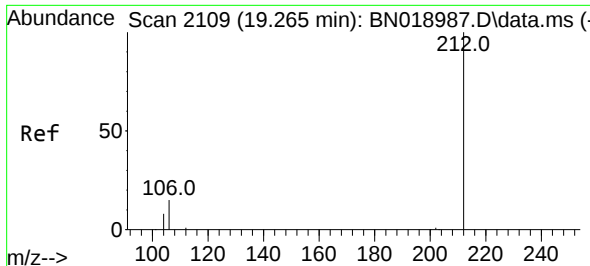
Tgt Ion:188 Resp: 12691
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 11.8 17.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.113 ng
RT: 15.650 min Scan# 1581
Delta R.T. 0.032 min
Lab File: BN019093.D
Acq: 23 Mar 2022 16:01

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
182 102.1 13.0 19.4#
77 0.0 0.0 0.0

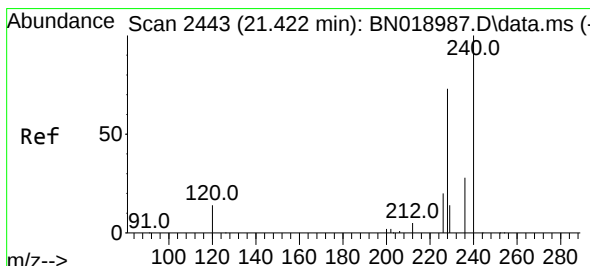
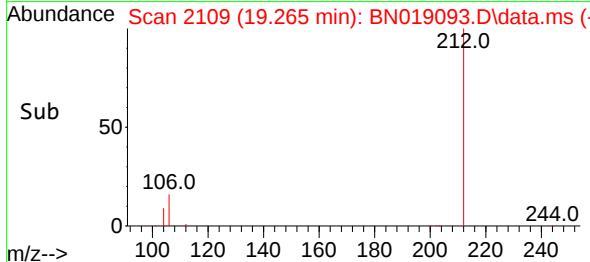
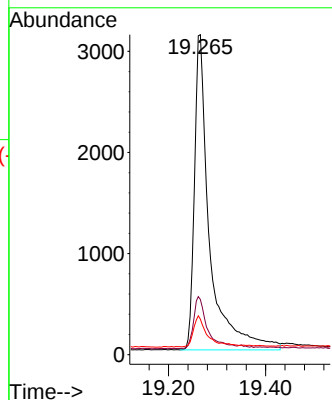
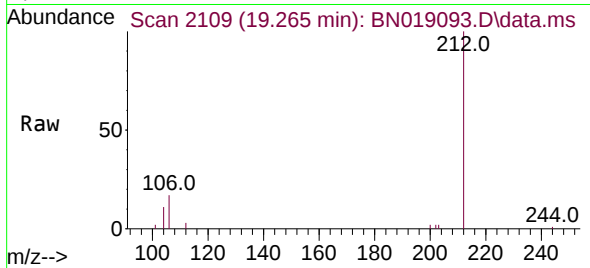




#27
Fluoranthene-d10
Concen: 0.180 ng
RT: 19.265 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BN019093.D
Acq: 23 Mar 2022 16:01

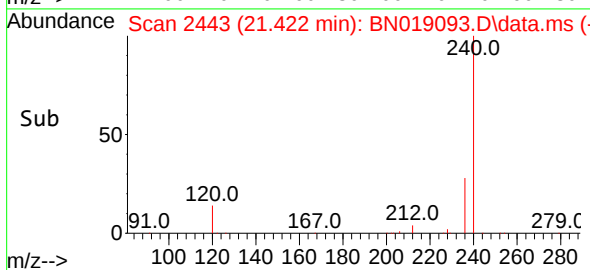
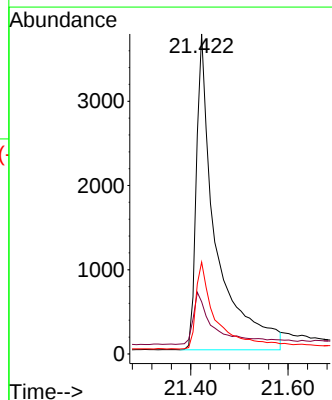
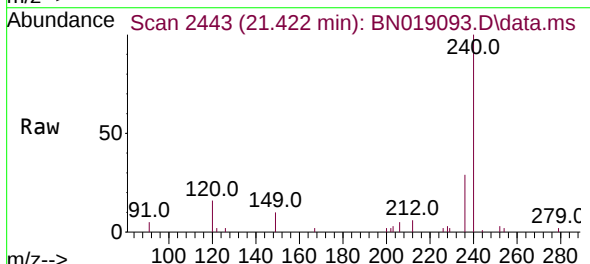
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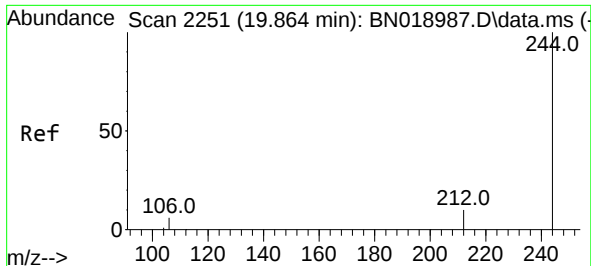
Tgt Ion:212 Resp: 6776
Ion Ratio Lower Upper
212 100
106 15.1 12.7 19.1
104 8.9 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN019093.D
Acq: 23 Mar 2022 16:01

Tgt Ion:240 Resp: 10429
Ion Ratio Lower Upper
240 100
120 16.3 8.5 12.7#
236 28.7 22.4 33.6

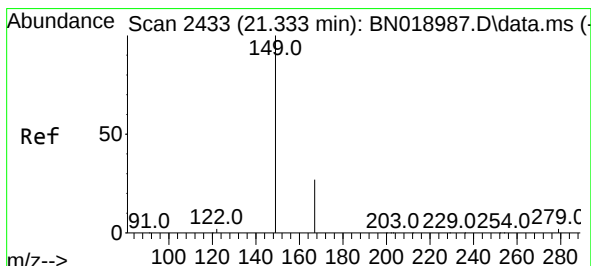
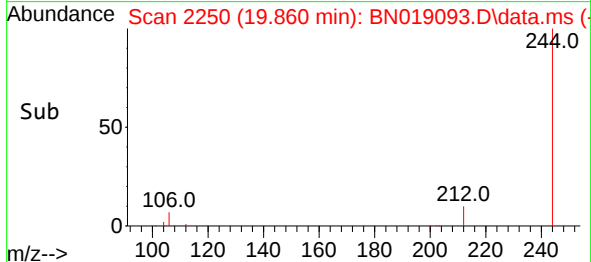
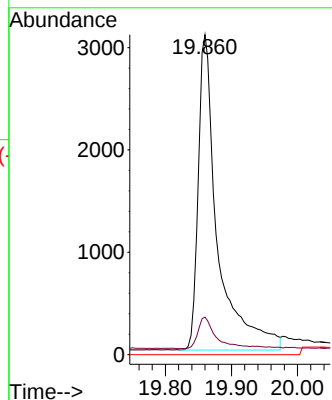
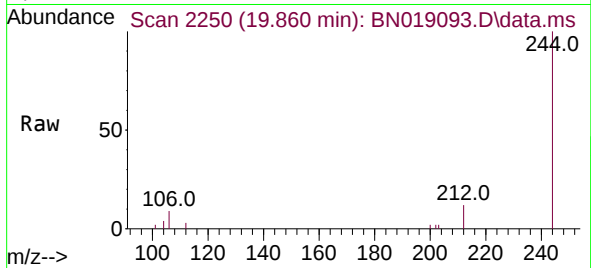




#31
 Terphenyl-d14
 Concen: 0.245 ng
 RT: 19.860 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN019093.D
 Acq: 23 Mar 2022 16:01

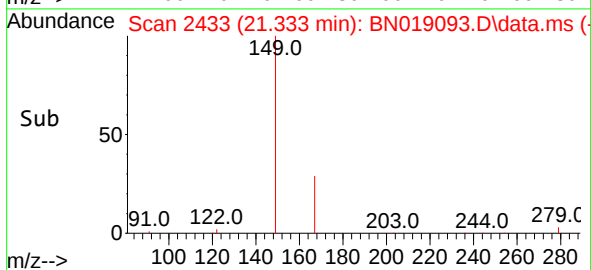
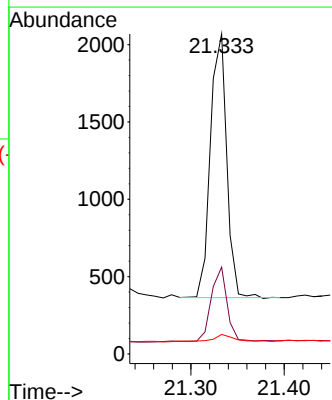
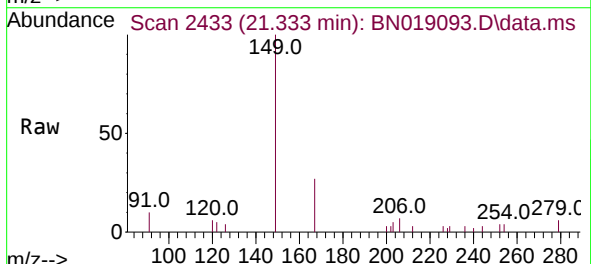
Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20220316DL

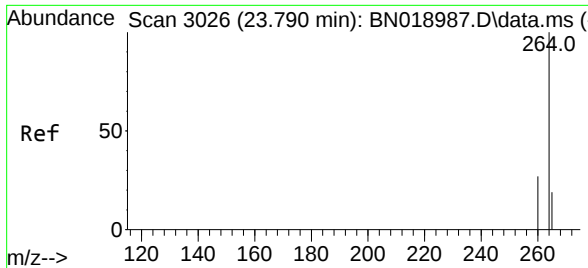
Tgt Ion:244 Resp: 6284
 Ion Ratio Lower Upper
 244 100
 212 11.7 8.2 12.4
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.097 ng
 RT: 21.333 min Scan# 2433
 Delta R.T. 0.000 min
 Lab File: BN019093.D
 Acq: 23 Mar 2022 16:01

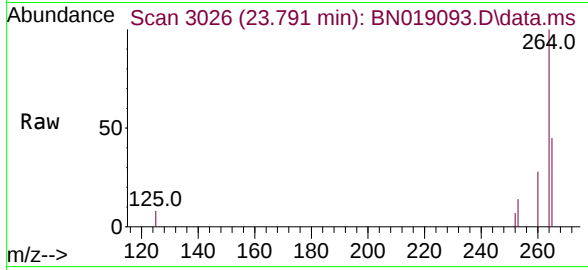
Tgt Ion:149 Resp: 2065
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.8 32.8
 279 4.1 2.0 3.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.791 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BN019093.D
 Acq: 23 Mar 2022 16:01

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20220316DL



Tgt Ion:264 Resp: 8283

Ion	Ratio	Lower	Upper
264	100		
260	27.9	22.4	33.6
265	45.2	25.3	37.9

