

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
 Data File : BN019074.D
 Acq On : 23 Mar 2022 02:44
 Operator : CG/JU
 Sample : N2041-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20220317

Quant Time: Mar 23 04:52:11 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)

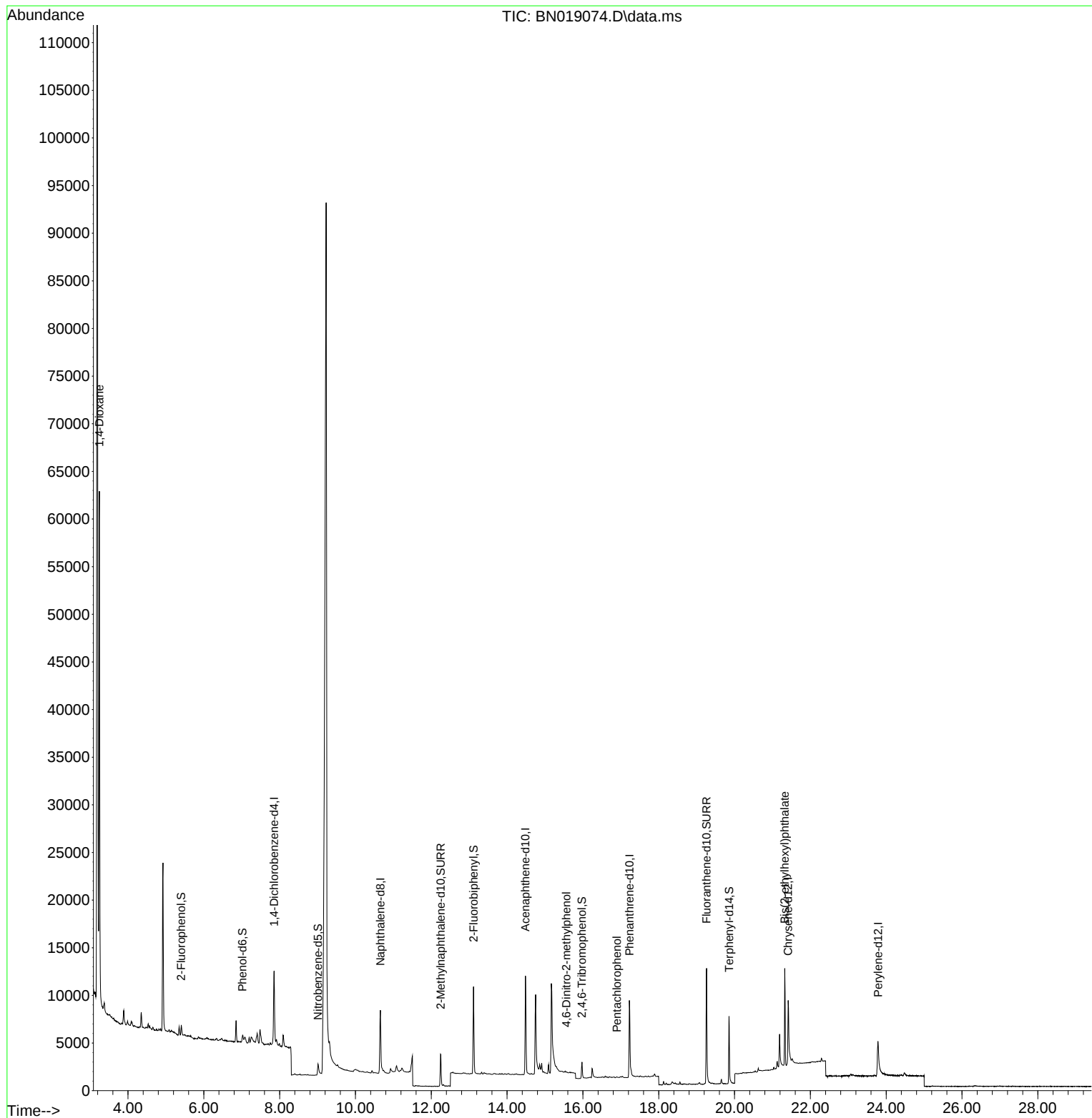
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3847	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	10386	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	6223	0.400	ng	-0.01
19) Phenanthrene-d10	17.225	188	13222	0.400	ng	-0.01
29) Chrysene-d12	21.413	240	10294	0.400	ng	# 0.00
35) Perylene-d12	23.785	264	8220	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	1076	0.125	ng	0.00
5) Phenol-d6	7.017	99	561	0.062	ng	0.00
8) Nitrobenzene-d5	9.014	82	1528	0.204	ng	0.00
11) 2-Methylnaphthalene-d10	12.246	152	5060	0.294	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	1004	0.334	ng	-0.01
15) 2-Fluorobiphenyl	13.116	172	7875	0.316	ng	-0.01
27) Fluoranthene-d10	19.261	212	14819	0.378	ng	0.00
31) Terphenyl-d14	19.855	244	8596	0.340	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	30648	6.446	ng	98
20) 4,6-Dinitro-2-methylph...	15.564	198	3	0.111	ng	# 1
24) Pentachlorophenol	16.897	266	67	0.020	ng	91
34) Bis(2-ethylhexyl)phtha...	21.324	149	9084	0.432	ng	99

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

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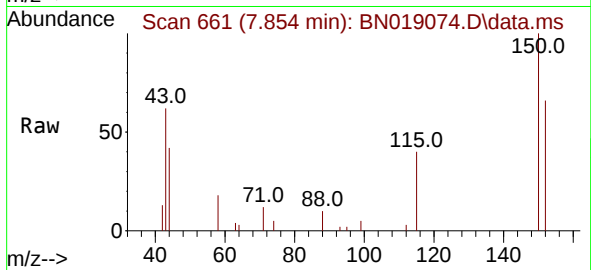
Quant Time: Mar 23 04:52:11 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
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Response via : Initial Calibration



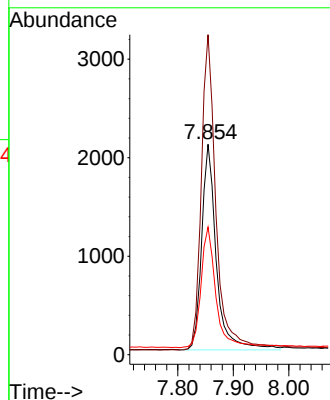
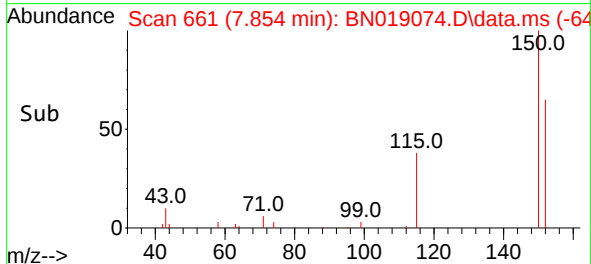


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.000 min
 Lab File: BN019074.D
 Acq: 23 Mar 2022 02:44

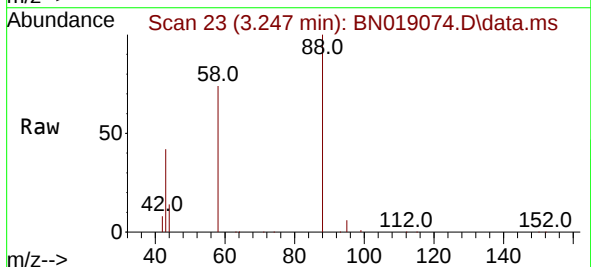
Instrument :
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 ClientSampleId :
 RE125D1-20220317



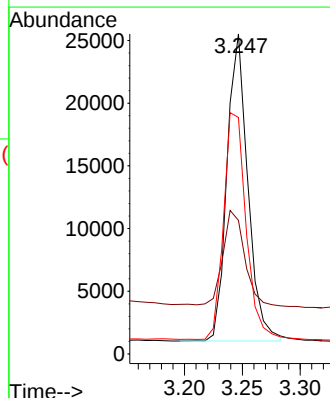
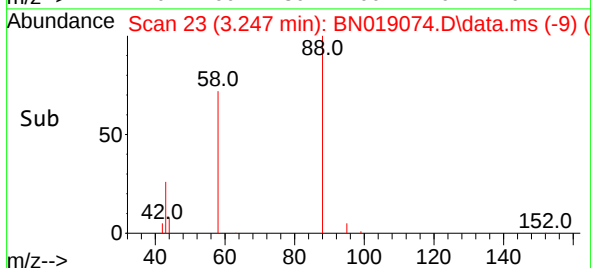
Tgt Ion:152 Resp: 3847
 Ion Ratio Lower Upper
 152 100
 150 152.1 123.9 185.9
 115 60.6 48.2 72.4



#2
 1,4-Dioxane
 Concen: 6.446 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: BN019074.D
 Acq: 23 Mar 2022 02:44



Tgt Ion: 88 Resp: 30648
 Ion Ratio Lower Upper
 88 100
 43 32.1 24.6 37.0
 58 79.6 65.4 98.2

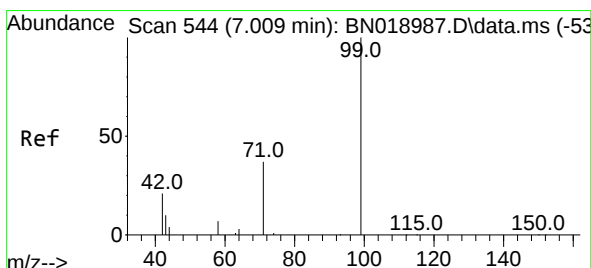
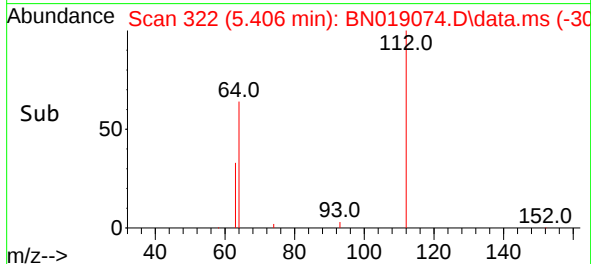
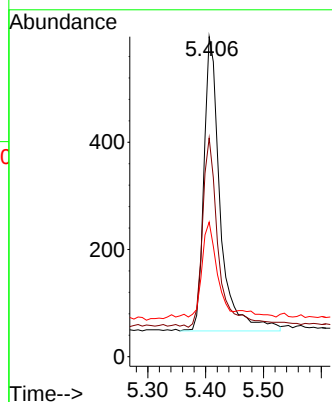
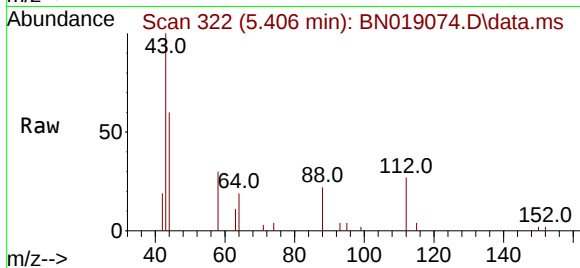




#4
2-Fluorophenol
Concen: 0.125 ng
RT: 5.406 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN019074.D
Acq: 23 Mar 2022 02:44

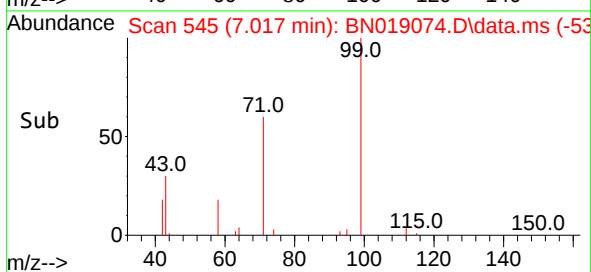
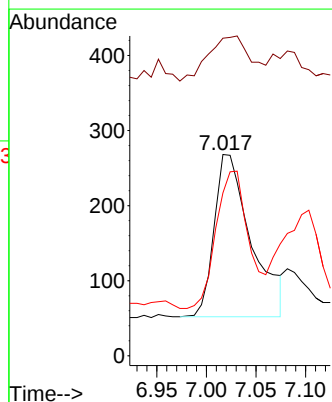
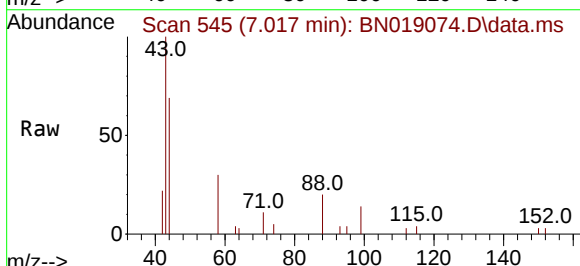
Instrument :
BNA_N
ClientSampleId :
RE125D1-20220317

Tgt Ion:112 Resp: 1076
Ion Ratio Lower Upper
112 100
64 63.5 47.8 71.8
63 29.7 25.7 38.5



#5
Phenol-d6
Concen: 0.062 ng
RT: 7.017 min Scan# 545
Delta R.T. 0.007 min
Lab File: BN019074.D
Acq: 23 Mar 2022 02:44

Tgt Ion: 99 Resp: 561
Ion Ratio Lower Upper
99 100
42 31.7 16.2 24.4#
71 75.4 27.7 41.5#

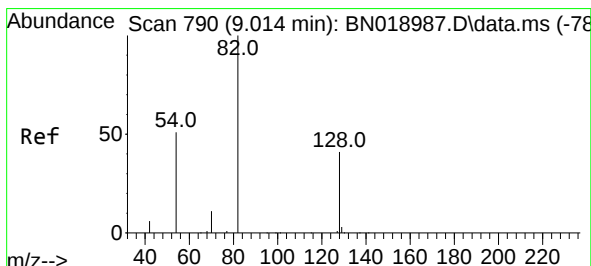
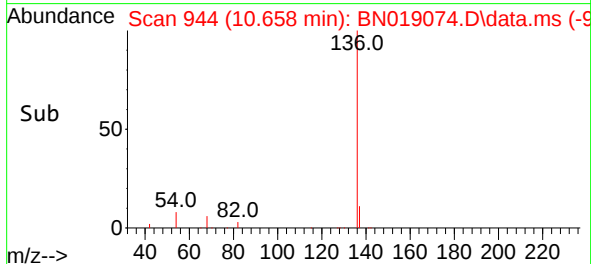
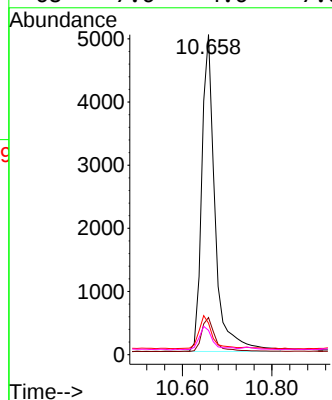
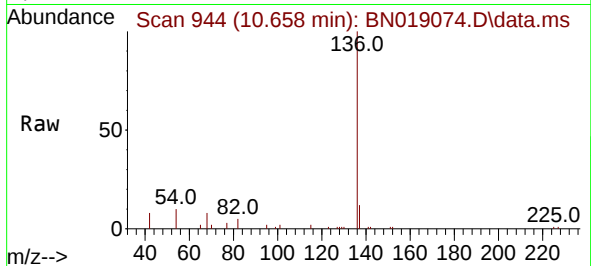




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019074.D
Acq: 23 Mar 2022 02:44

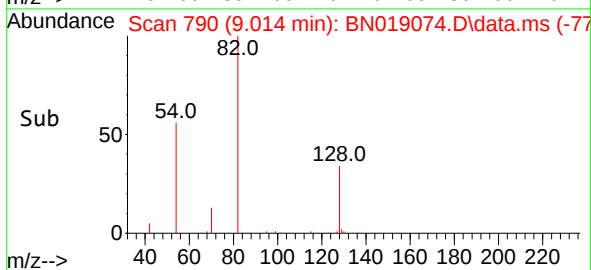
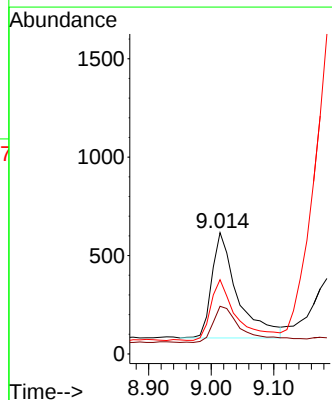
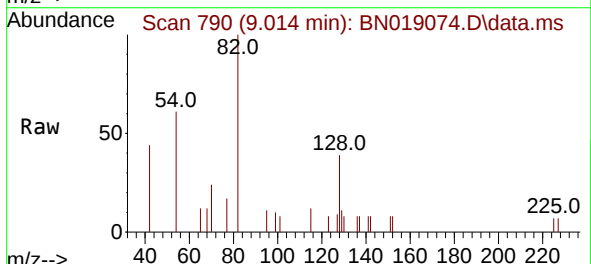
Instrument :
BNA_N
ClientSampleId :
RE125D1-20220317

Tgt Ion:	136	Resp:	10386
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	9.8	5.8	8.6#
68	7.6	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.204 ng
RT: 9.014 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN019074.D
Acq: 23 Mar 2022 02:44

Tgt Ion:	82	Resp:	1528
Ion	Ratio	Lower	Upper
82	100		
128	39.3	33.0	49.6
54	61.2	42.5	63.7

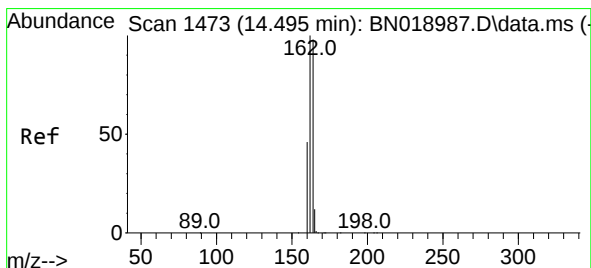
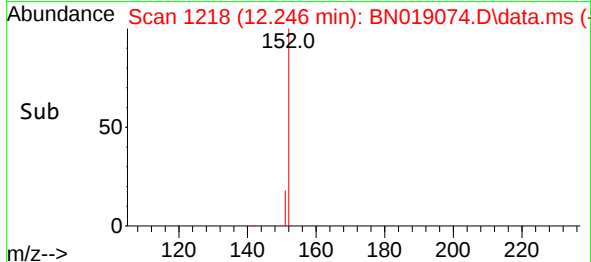
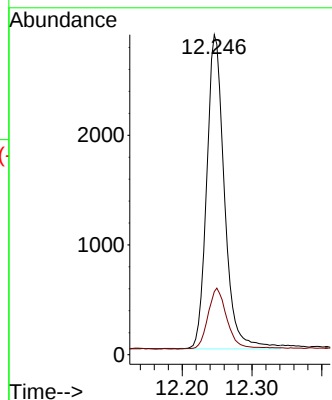
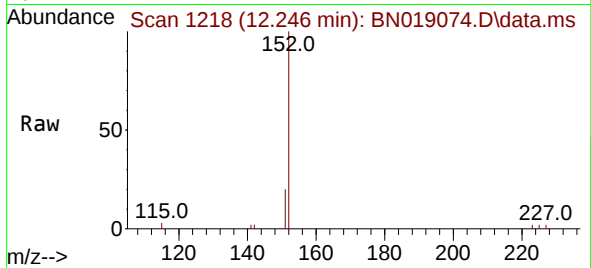




#11
2-Methylnaphthalene-d10
Concen: 0.294 ng
RT: 12.246 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN019074.D
Acq: 23 Mar 2022 02:44

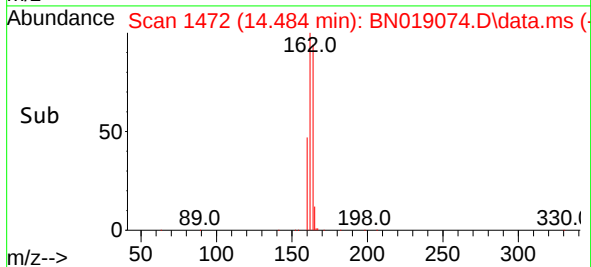
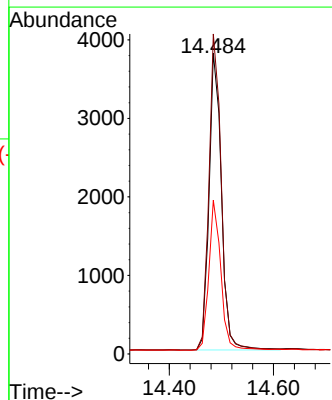
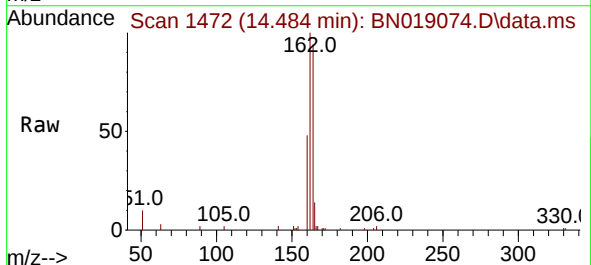
Instrument :
BNA_N
ClientSampleId :
RE125D1-20220317

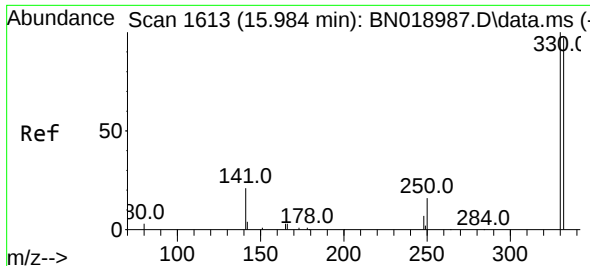
Tgt Ion:152 Resp: 5060
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019074.D
Acq: 23 Mar 2022 02:44

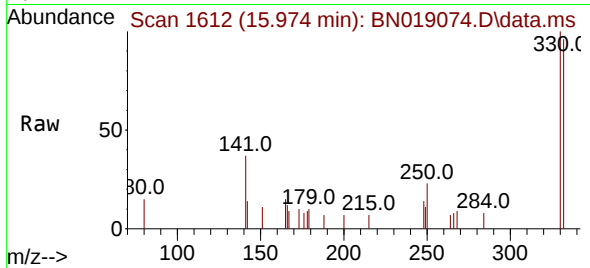
Tgt Ion:164 Resp: 6223
Ion Ratio Lower Upper
164 100
162 106.4 85.2 127.8
160 51.1 41.5 62.3





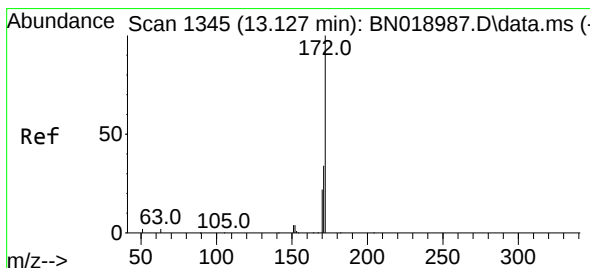
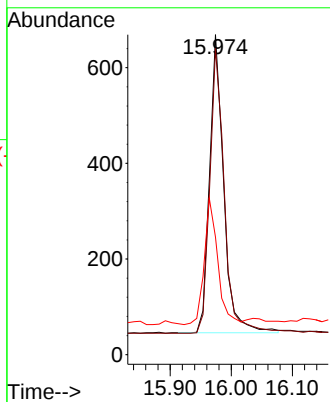
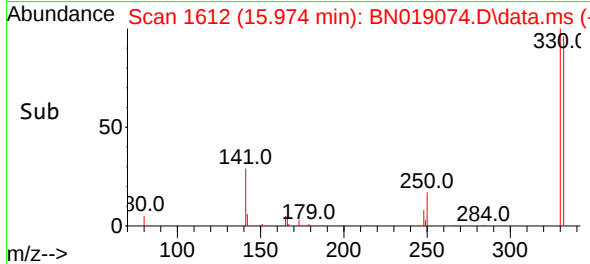
#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.010 min
Lab File: BN019074.D
Acq: 23 Mar 2022 02:44

Instrument :
BNA_N
ClientSampleId :
RE125D1-20220317

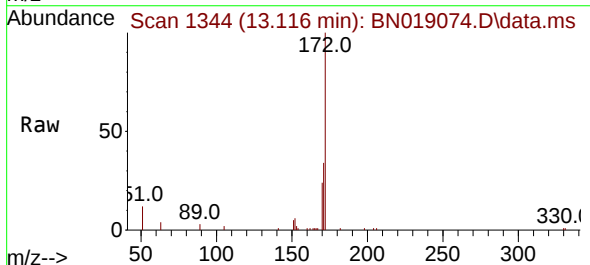


Tgt Ion: 330 Resp: 1004

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.8	115.2
141	40.4	32.2	48.2

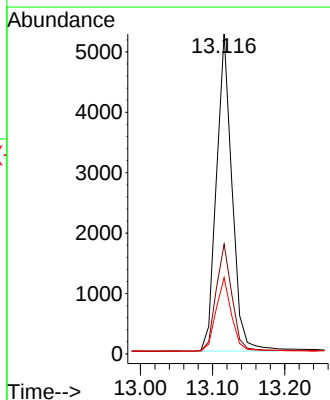
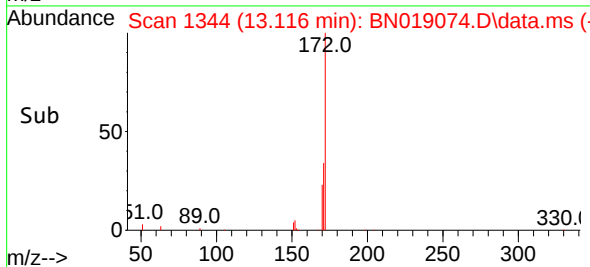


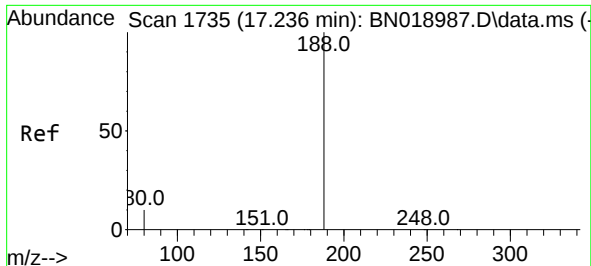
#15
2-Fluorobiphenyl
Concen: 0.316 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN019074.D
Acq: 23 Mar 2022 02:44



Tgt Ion: 172 Resp: 7875

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.2	42.2
170	23.9	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: BN019074.D

Acq: 23 Mar 2022 02:44

Instrument :

BNA_N

ClientSampleId :

RE125D1-20220317

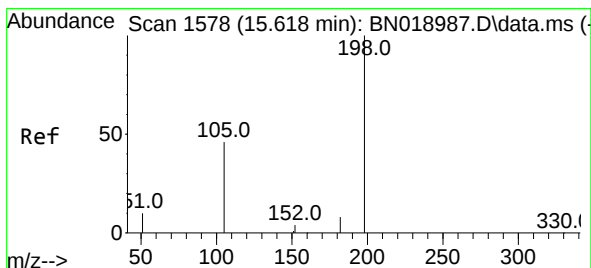
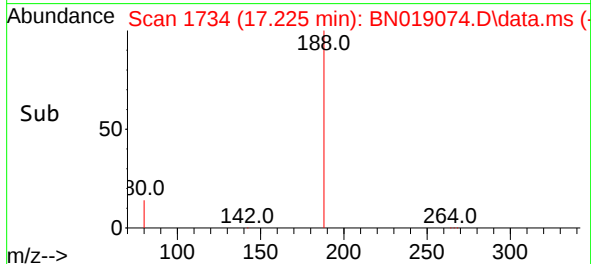
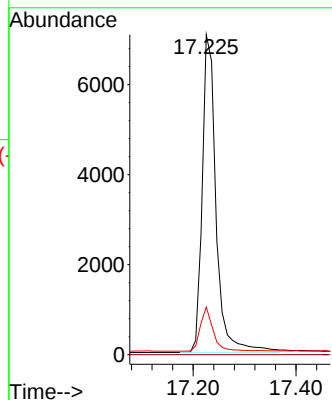
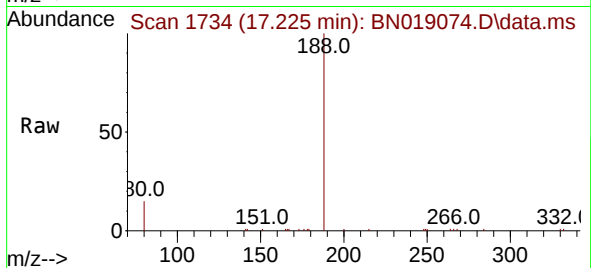
Tgt Ion:188 Resp: 13222

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.9 11.8 17.8



#20

4,6-Dinitro-2-methylphenol

Concen: 0.111 ng

RT: 15.564 min Scan# 1573

Delta R.T. -0.054 min

Lab File: BN019074.D

Acq: 23 Mar 2022 02:44

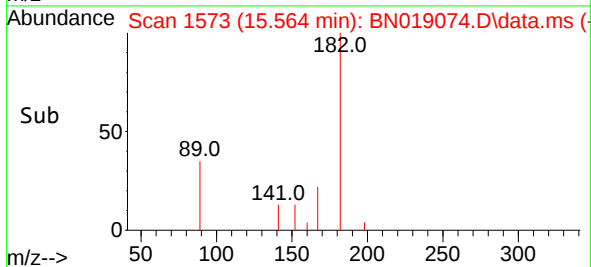
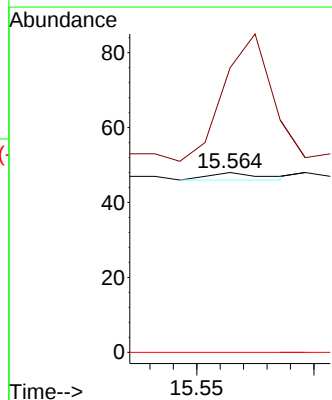
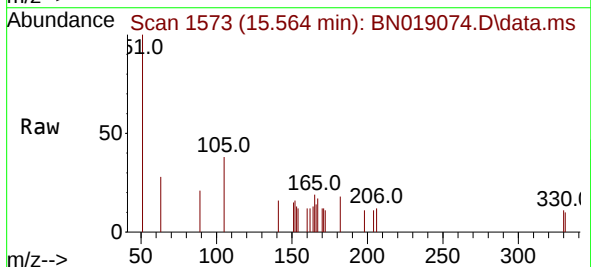
Tgt Ion:198 Resp: 3

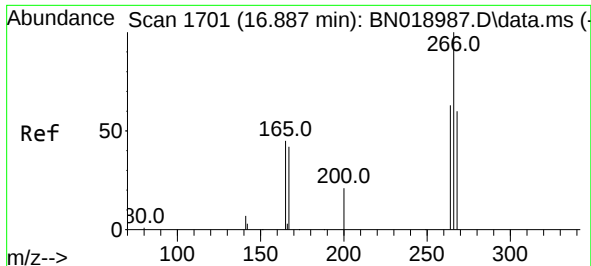
Ion Ratio Lower Upper

198 100

182 158.3 13.0 19.4#

77 0.0 0.0 0.0

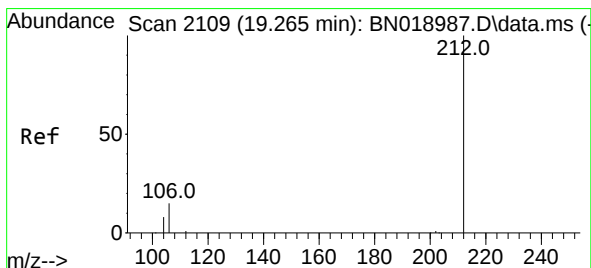
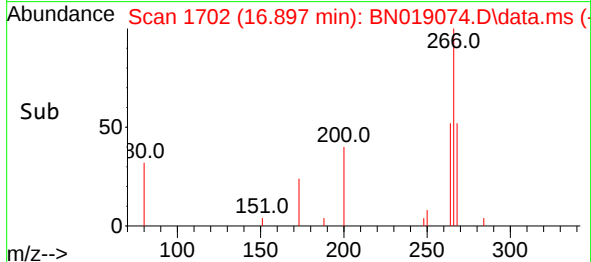
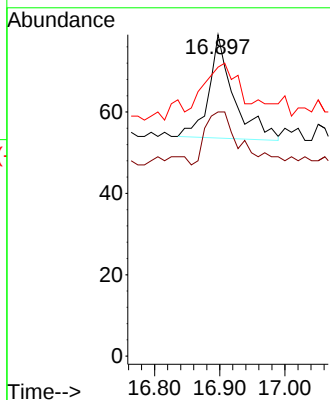
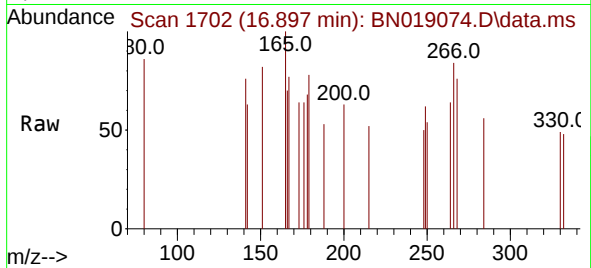




#24
Pentachlorophenol
Concen: 0.020 ng
RT: 16.897 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN019074.D
Acq: 23 Mar 2022 02:44

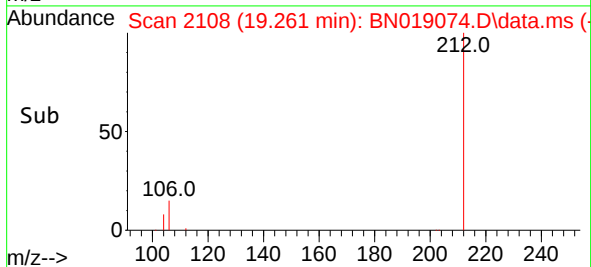
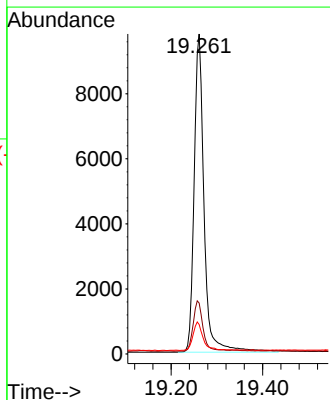
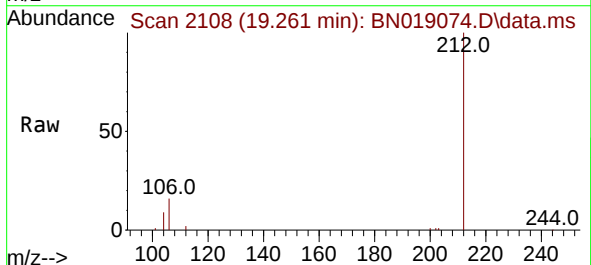
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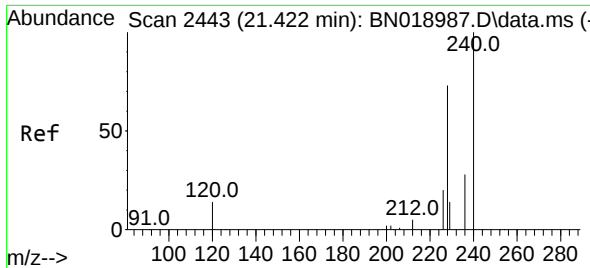
Tgt Ion:266 Resp: 67
Ion Ratio Lower Upper
266 100
264 73.1 50.2 75.4
268 61.2 51.9 77.9



#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019074.D
Acq: 23 Mar 2022 02:44

Tgt Ion:212 Resp: 14819
Ion Ratio Lower Upper
212 100
106 15.4 12.7 19.1
104 9.0 7.1 10.7

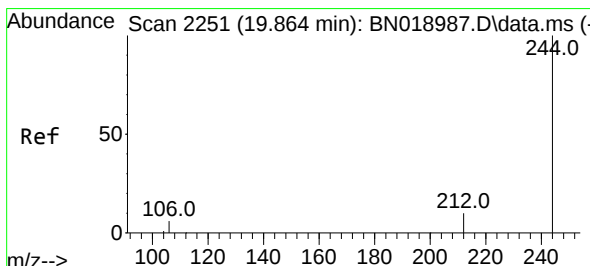
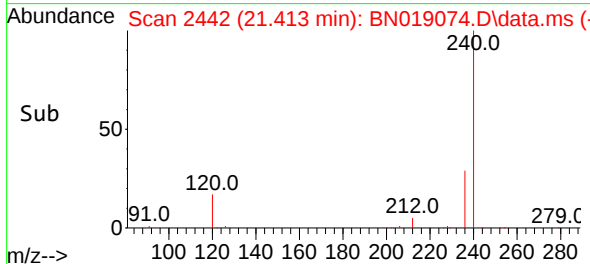
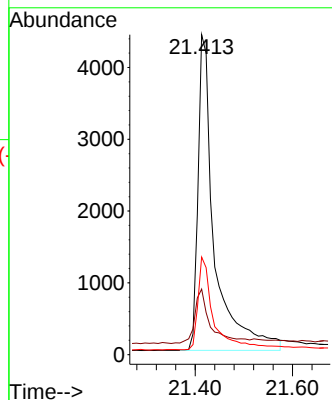
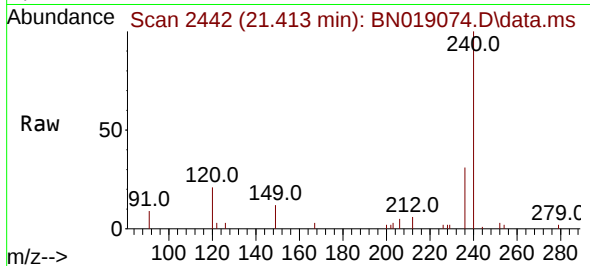




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BN019074.D
Acq: 23 Mar 2022 02:44

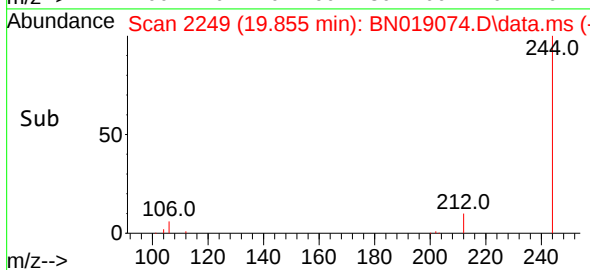
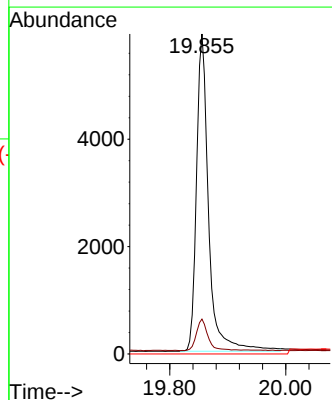
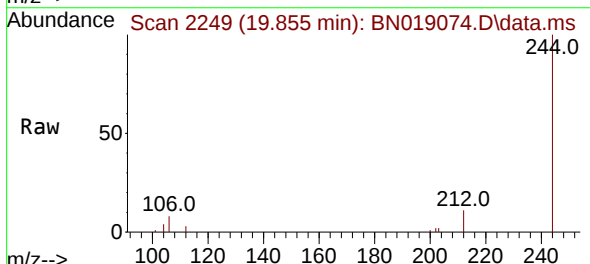
Instrument :
BNA_N
ClientSampleId :
RE125D1-20220317

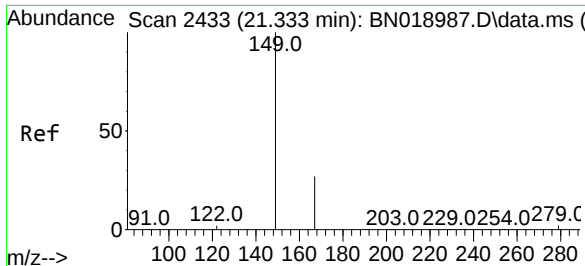
Tgt Ion:240 Resp: 10294
Ion Ratio Lower Upper
240 100
120 20.5 8.5 12.7#
236 30.5 22.4 33.6



#31
Terphenyl-d14
Concen: 0.340 ng
RT: 19.855 min Scan# 2249
Delta R.T. -0.008 min
Lab File: BN019074.D
Acq: 23 Mar 2022 02:44

Tgt Ion:244 Resp: 8596
Ion Ratio Lower Upper
244 100
212 10.9 8.2 12.4
122 0.0 0.0 0.0

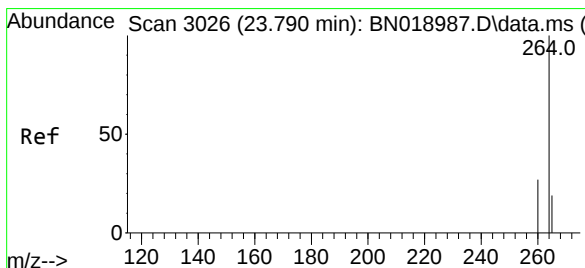
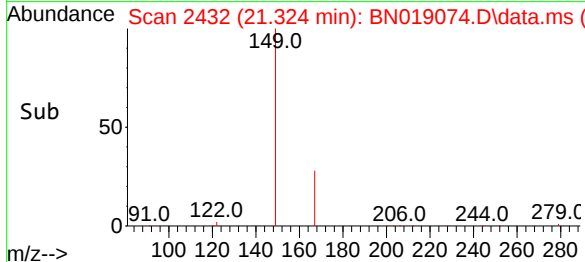
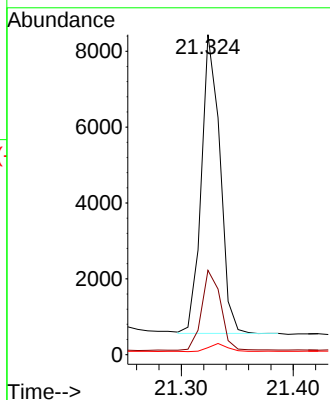
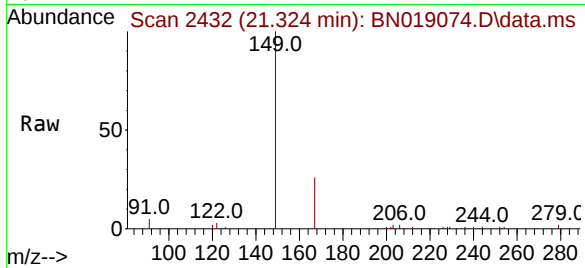




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.432 ng
 RT: 21.324 min Scan# 2432
 Delta R.T. -0.009 min
 Lab File: BN019074.D
 Acq: 23 Mar 2022 02:44

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20220317

Tgt Ion:149	Resp:	9084
Ion Ratio	Lower	Upper
149	100	
167	27.6	21.8 32.8
279	2.7	2.0 3.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.785 min Scan# 3024
 Delta R.T. -0.006 min
 Lab File: BN019074.D
 Acq: 23 Mar 2022 02:44

Tgt Ion:264	Resp:	8220
Ion Ratio	Lower	Upper
264	100	
260	27.8	22.4 33.6
265	45.7	25.3 37.9

