

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016762.D
 Acq On : 06 Oct 2021 03:53
 Operator : CG/JU
 Sample : M3915-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW4-20210922

Quant Time: Oct 06 04:32:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 04 17:52:33 2021
 Response via : Initial Calibration

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

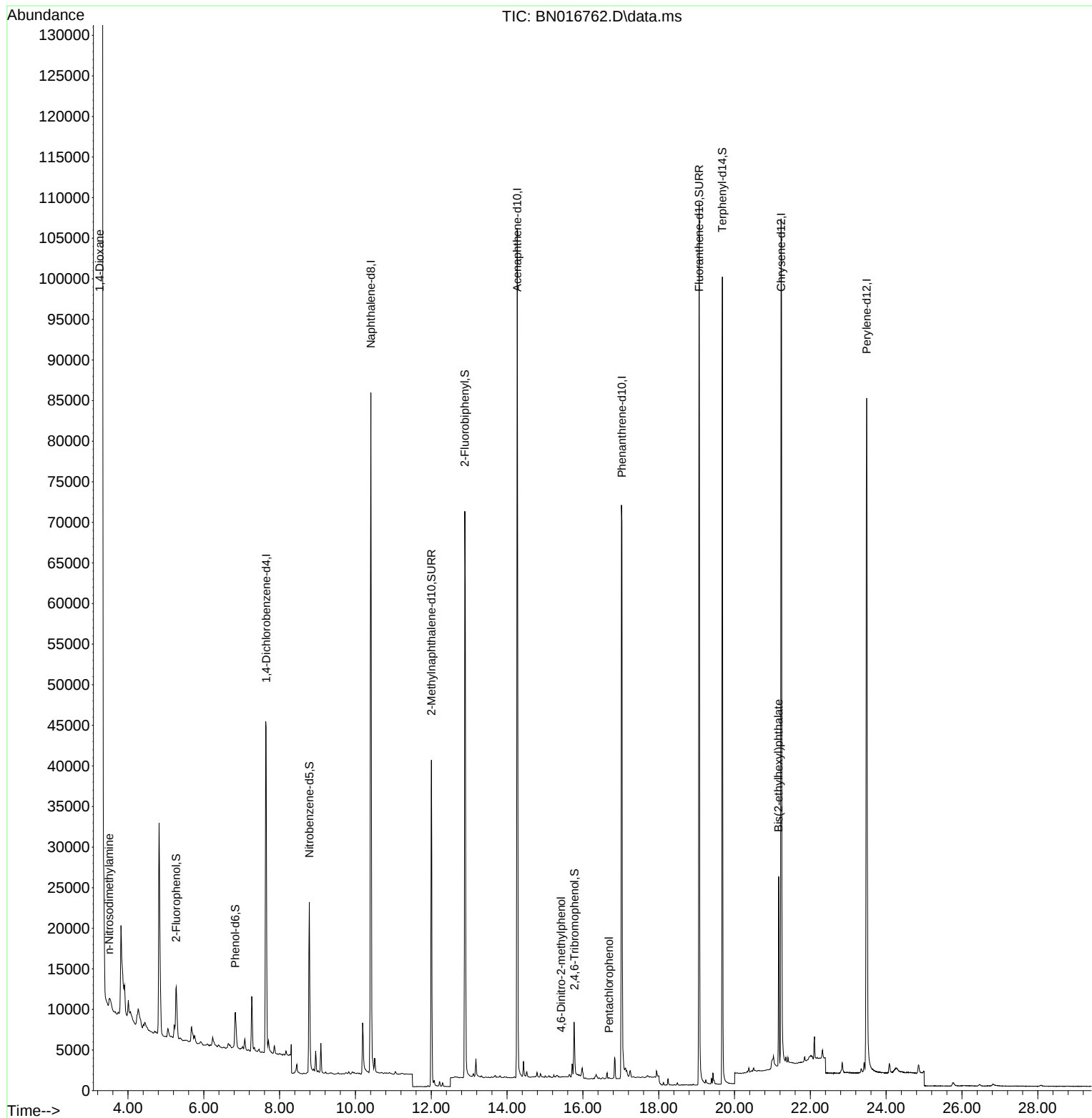
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	25771	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	114398	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	59896	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	114900	0.400	ng	0.00
29) Chrysene-d12	21.227	240	115743	0.400	ng	#-0.01
35) Perylene-d12	23.484	264	117433	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	8681	0.132	ng	0.02
5) Phenol-d6	6.831	99	5104	0.070	ng	0.00
8) Nitrobenzene-d5	8.784	82	19771	0.246	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	55296	0.324	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	6875	0.316	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	70040	0.292	ng	-0.01
27) Fluoranthene-d10	19.068	212	128720	0.409	ng	0.00
31) Terphenyl-d14	19.678	244	102959	0.398	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	51696	4.298	ng	# 69
3) n-Nitrosodimethylamine	3.502	42	855	0.044	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.423	198	7	0.266	ng	# 1
24) Pentachlorophenol	16.689	266	150	0.342	ng	92
34) Bis(2-ethylhexyl)phtha...	21.164	149	21978	0.101	ng	99

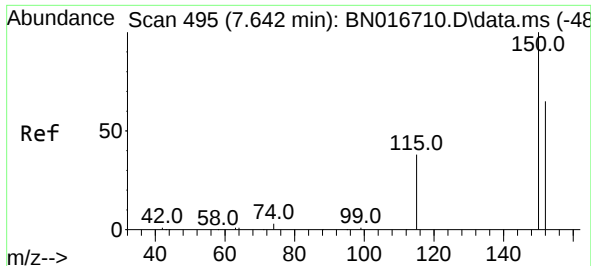
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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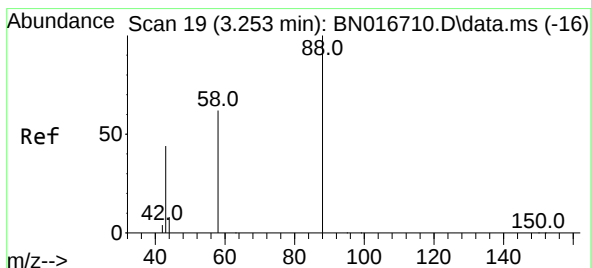
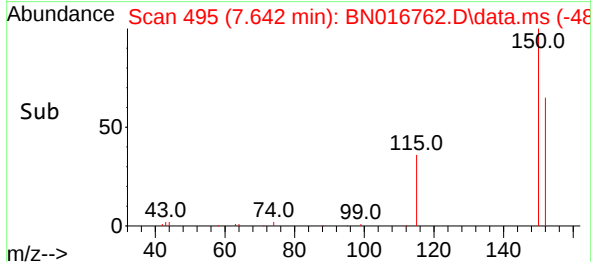
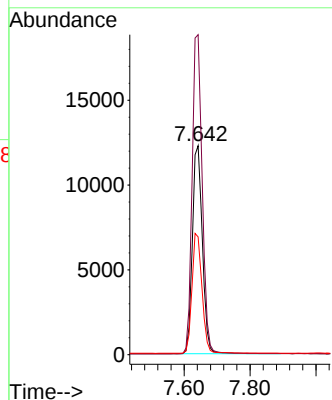
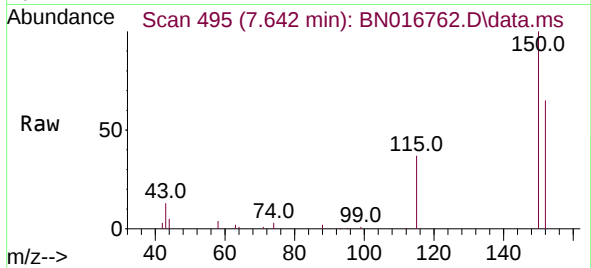




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016762.D
 Acq: 06 Oct 2021 03:53

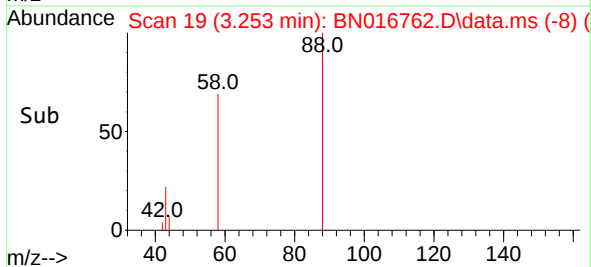
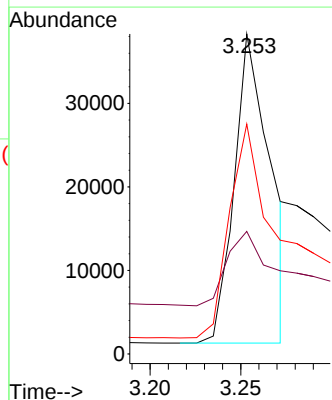
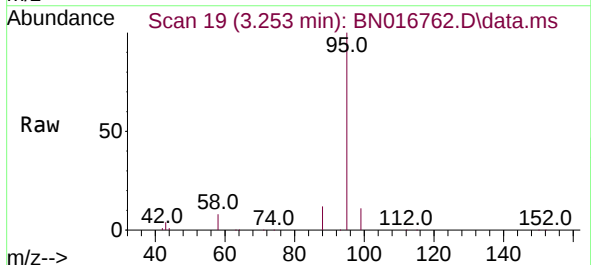
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 BNA_N
 ClientSampleId :
 RW4-20210922

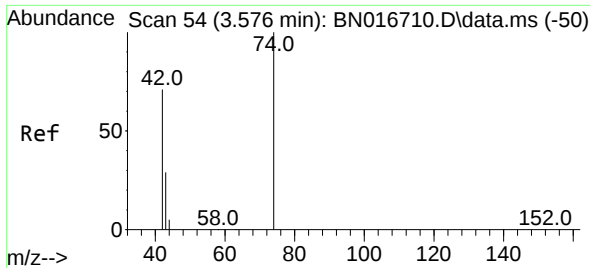
Tgt Ion:152 Resp: 25771
 Ion Ratio Lower Upper
 152 100
 150 153.2 123.3 184.9
 115 56.4 47.0 70.6



#2
 1,4-Dioxane
 Concen: 4.298 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016762.D
 Acq: 06 Oct 2021 03:53

Tgt Ion: 88 Resp: 51696
 Ion Ratio Lower Upper
 88 100
 43 26.7 61.7 92.5#
 58 74.0 62.2 93.2

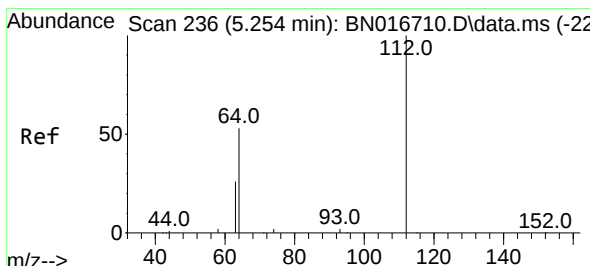
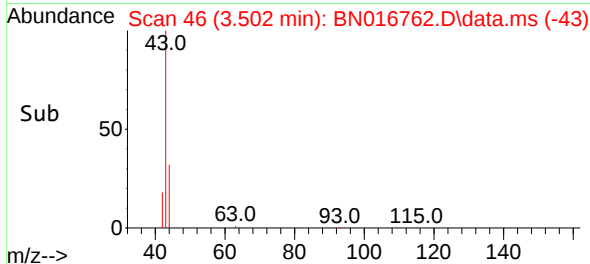
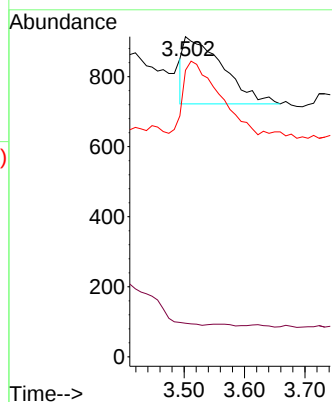
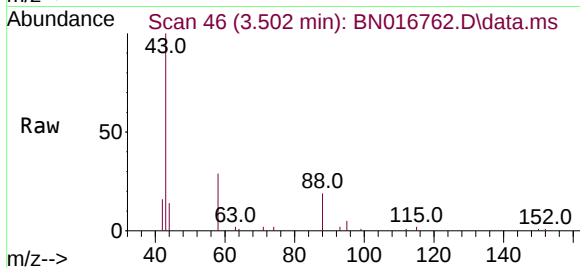




#3
n-Nitrosodimethylamine
Concen: 0.044 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.073 min
Lab File: BN016762.D
Acq: 06 Oct 2021 03:53

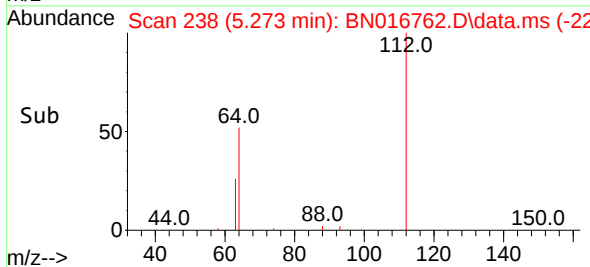
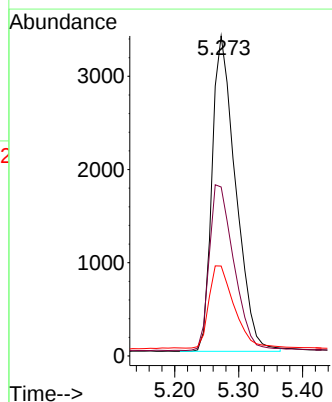
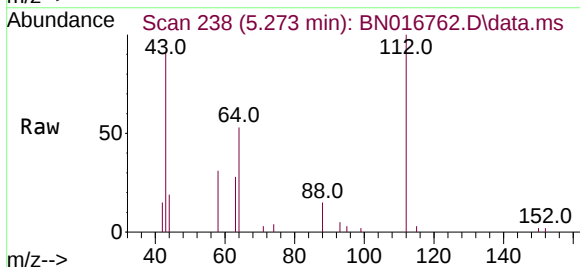
Instrument :
BNA_N
ClientSampleId :
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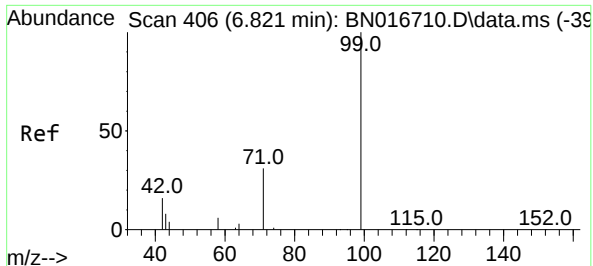
Tgt Ion: 42 Resp: 855
Ion Ratio Lower Upper
42 100
74 0.0 124.0 186.0#
44 93.8 5.6 8.4#



#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016762.D
Acq: 06 Oct 2021 03:53

Tgt Ion: 112 Resp: 8681
Ion Ratio Lower Upper
112 100
64 54.9 42.9 64.3
63 27.8 21.5 32.3

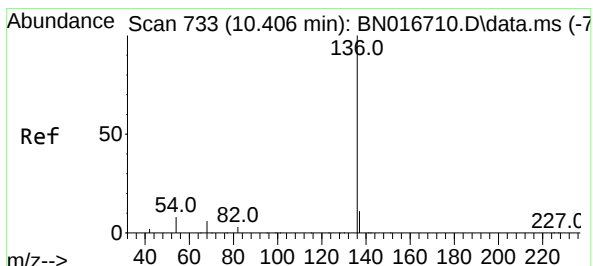
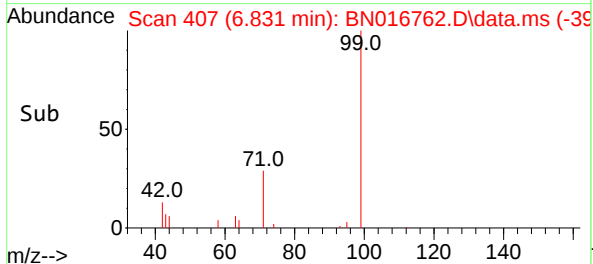
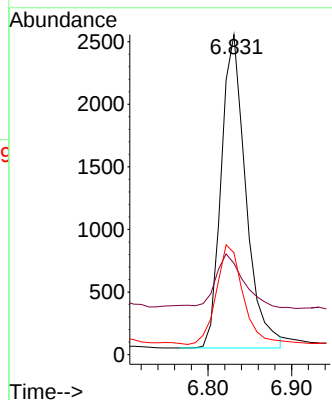
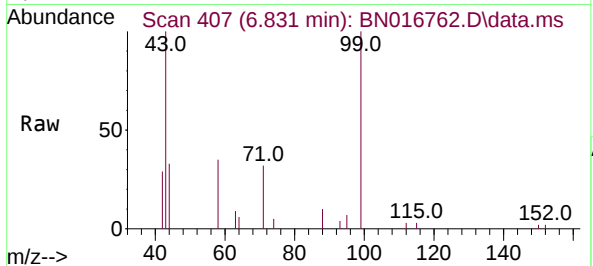




#5
Phenol-d6
Concen: 0.070 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016762.D
Acq: 06 Oct 2021 03:53

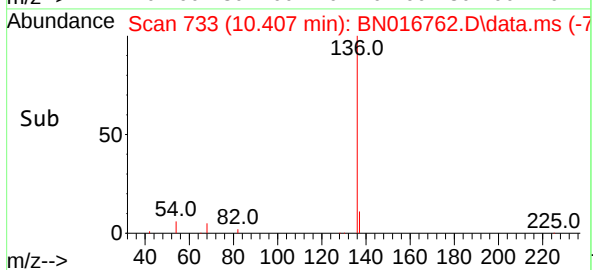
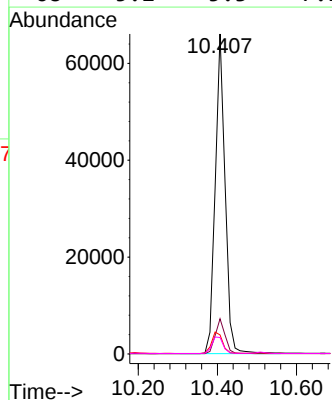
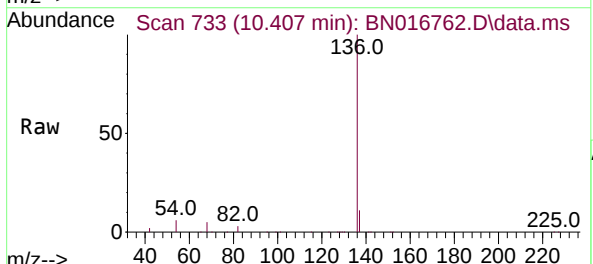
Instrument :
BNA_N
ClientSampleId :
RW4-20210922

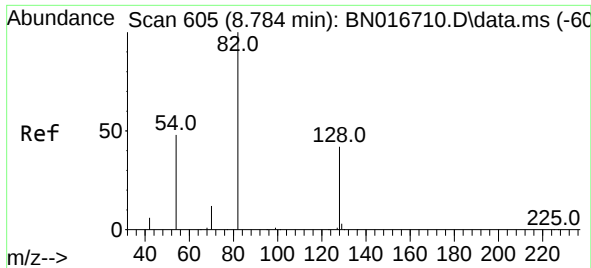
Tgt Ion: 99 Resp: 5104
Ion Ratio Lower Upper
99 100
42 19.6 13.4 20.2
71 34.5 24.0 36.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016762.D
Acq: 06 Oct 2021 03:53

Tgt Ion: 136 Resp: 114398
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.0 6.5 9.7#
68 5.2 5.3 7.9#

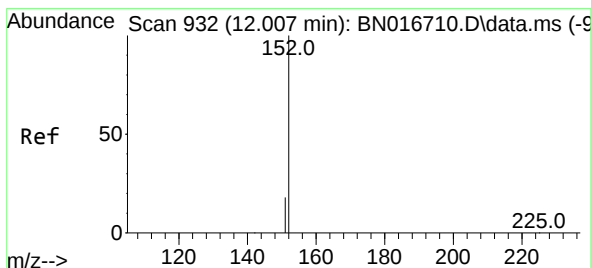
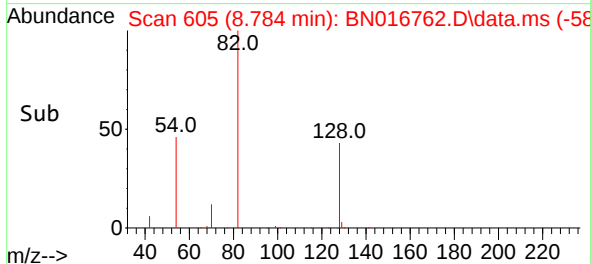
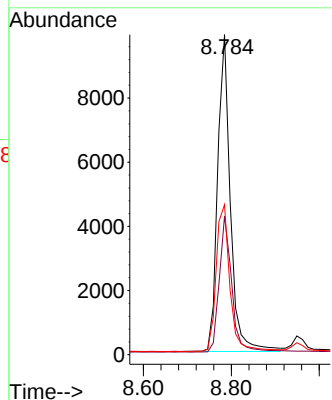
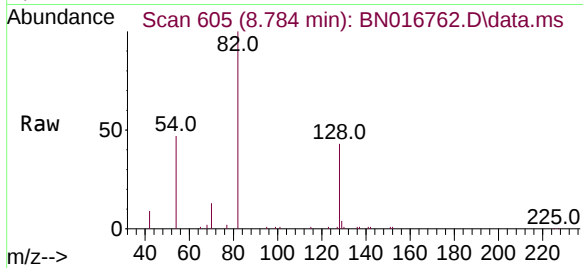




#8
Nitrobenzene-d5
Concen: 0.246 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016762.D
Acq: 06 Oct 2021 03:53

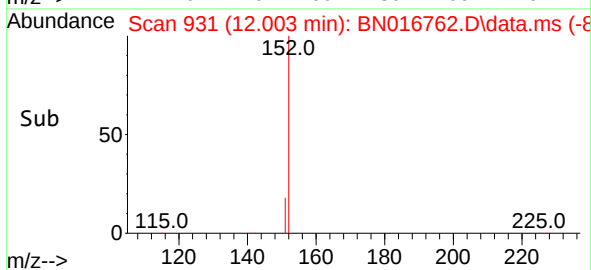
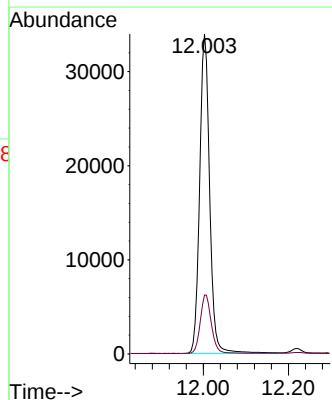
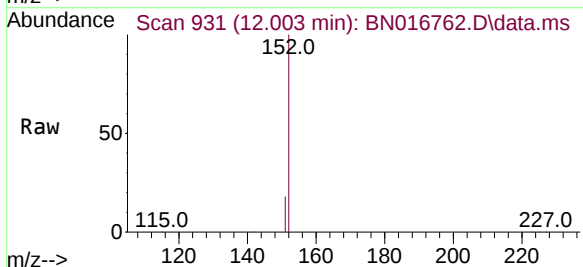
Instrument :
BNA_N
ClientSampleId :
RW4-20210922

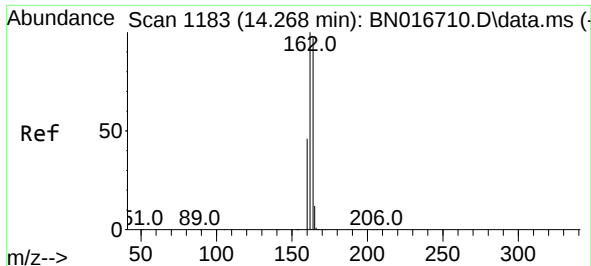
Tgt Ion: 82 Resp: 19771
Ion Ratio Lower Upper
82 100
128 43.3 33.8 50.6
54 46.8 38.5 57.7



#11
2-Methylnaphthalene-d10
Concen: 0.324 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016762.D
Acq: 06 Oct 2021 03:53

Tgt Ion: 152 Resp: 55296
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4

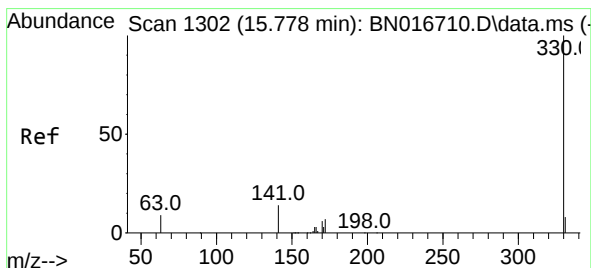
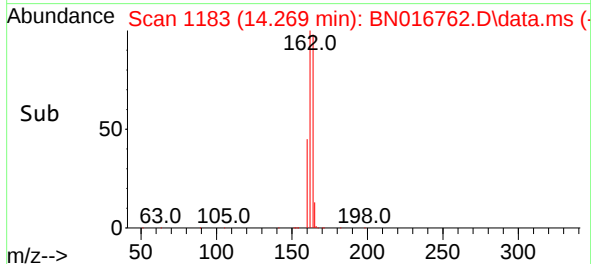
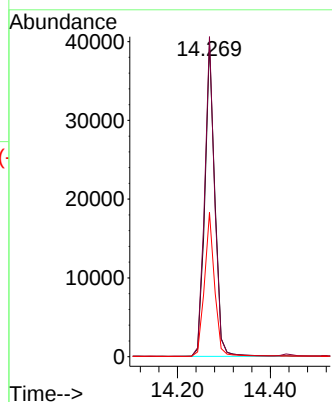
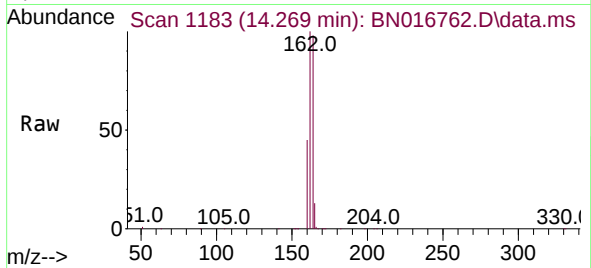




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016762.D
Acq: 06 Oct 2021 03:53

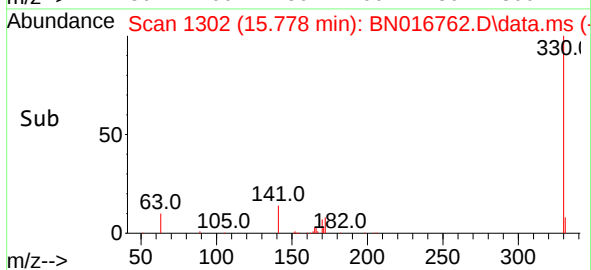
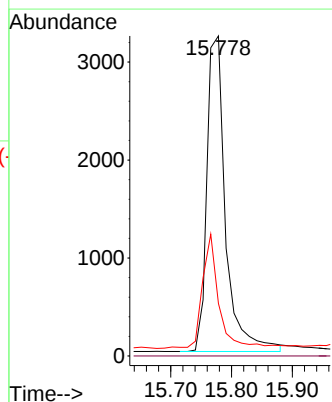
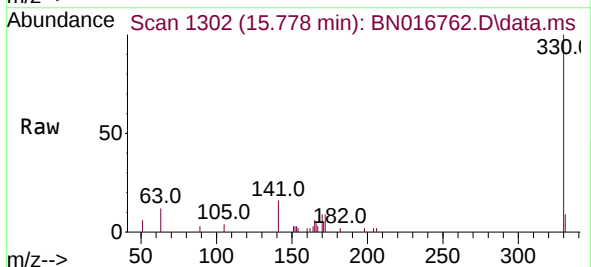
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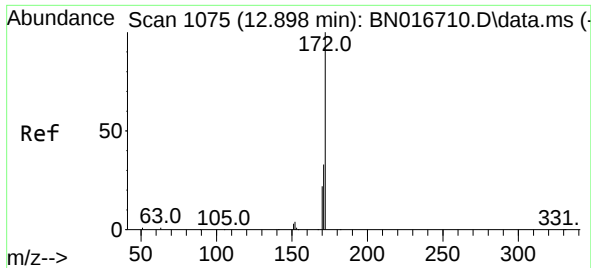
Tgt Ion:164 Resp: 59896
Ion Ratio Lower Upper
164 100
162 101.8 82.6 124.0
160 45.9 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.316 ng
RT: 15.778 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN016762.D
Acq: 06 Oct 2021 03:53

Tgt Ion:330 Resp: 6875
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.5 24.2 36.2

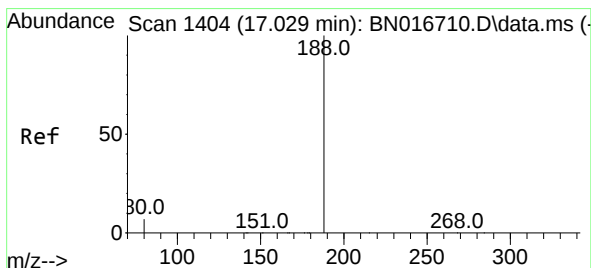
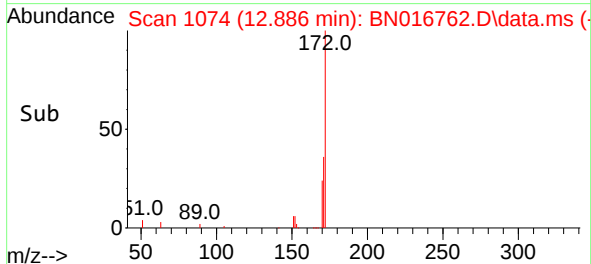
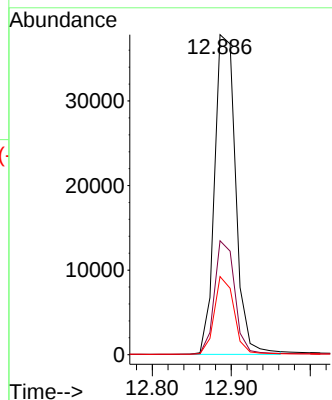
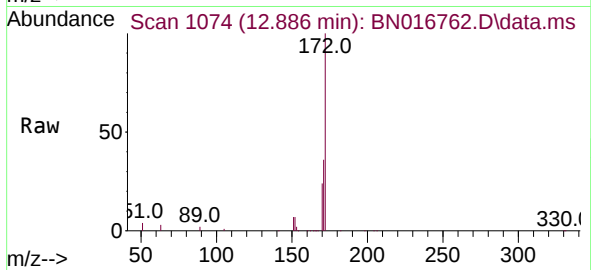




#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016762.D
Acq: 06 Oct 2021 03:53

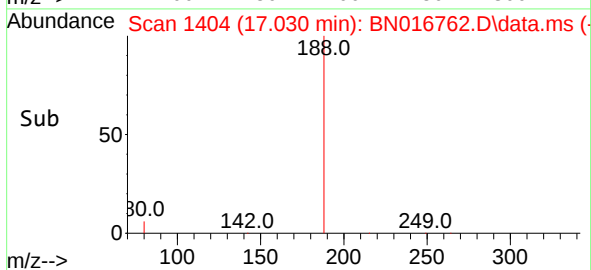
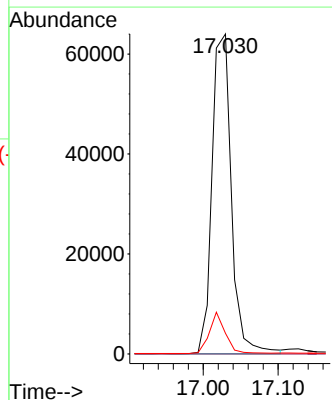
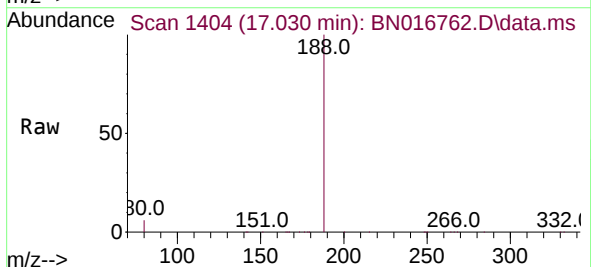
Instrument :
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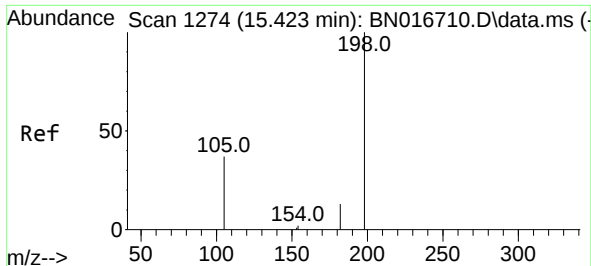
Tgt Ion:172	Resp:	70040
Ion Ratio	Lower	Upper
172	100	
171	35.6	26.9 40.3
170	24.4	17.4 26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016762.D
Acq: 06 Oct 2021 03:53

Tgt Ion:188	Resp:	114900
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	6.4	5.8 8.8

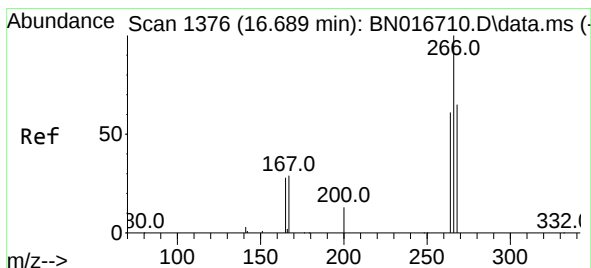
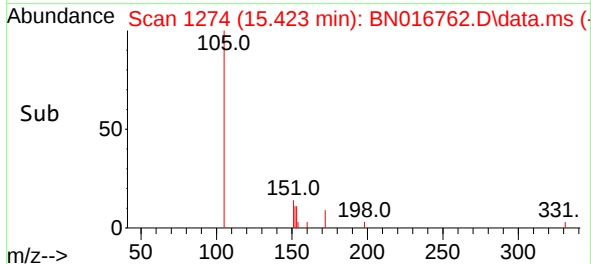
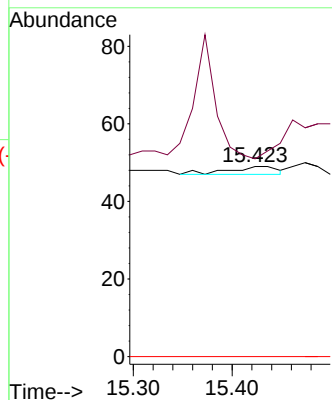
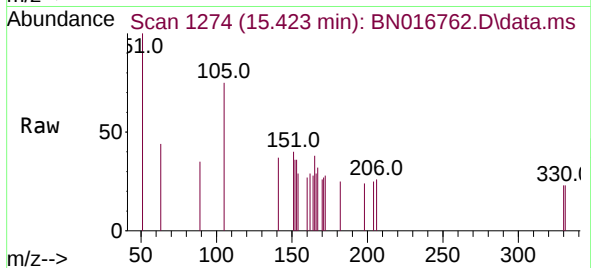




#20
4,6-Dinitro-2-methylphenol
Concen: 0.266 ng
RT: 15.423 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BN016762.D
Acq: 06 Oct 2021 03:53

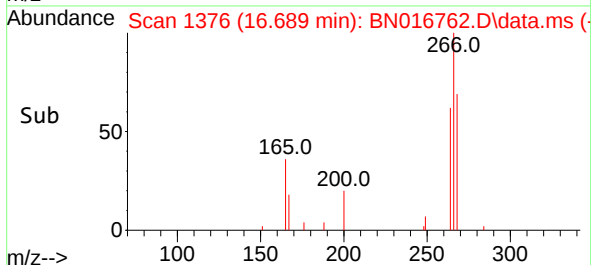
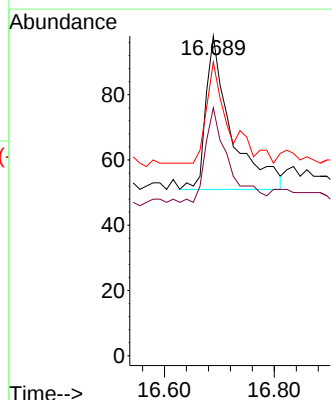
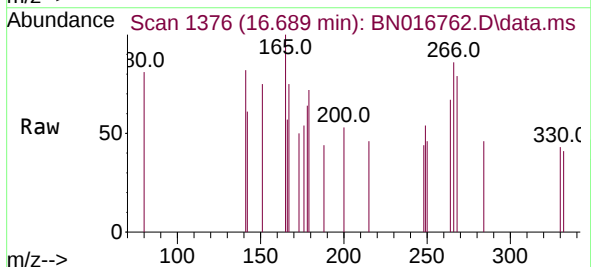
Instrument :
BNA_N
ClientSampleId :
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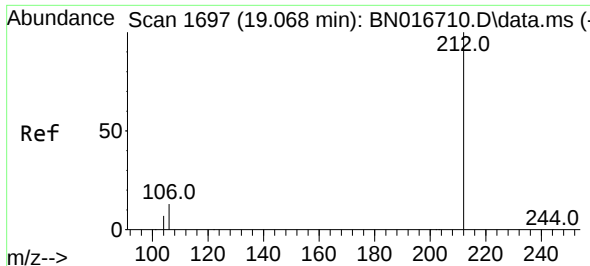
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
182 104.1 26.2 39.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.342 ng
RT: 16.689 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BN016762.D
Acq: 06 Oct 2021 03:53

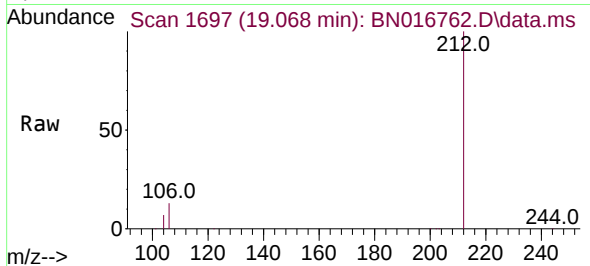
Tgt Ion:266 Resp: 150
Ion Ratio Lower Upper
266 100
264 56.7 49.3 73.9
268 57.3 51.8 77.8



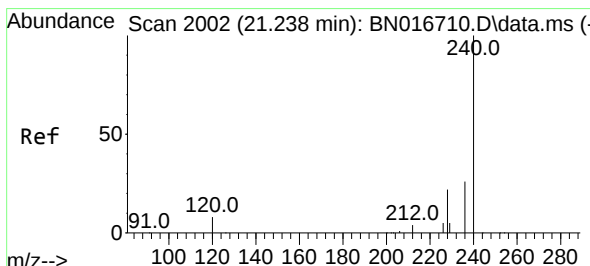
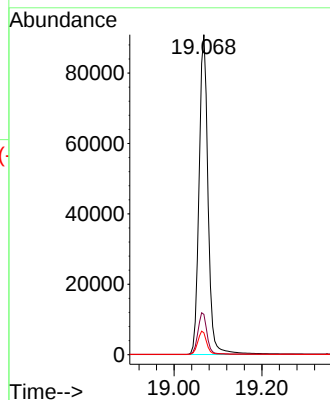
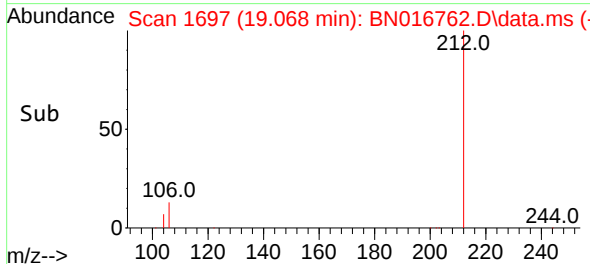


#27
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016762.D
Acq: 06 Oct 2021 03:53

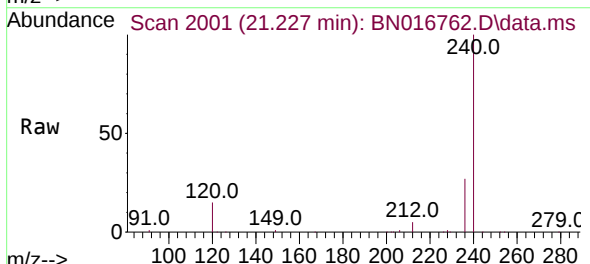
Instrument :
BNA_N
ClientSampleId :
RW4-20210922



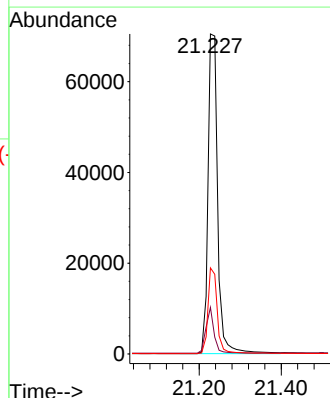
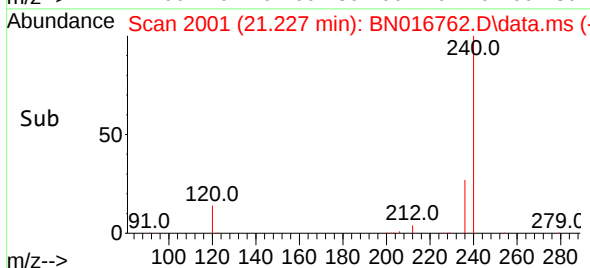
Tgt Ion:212 Resp: 128720
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.2 5.8 8.8

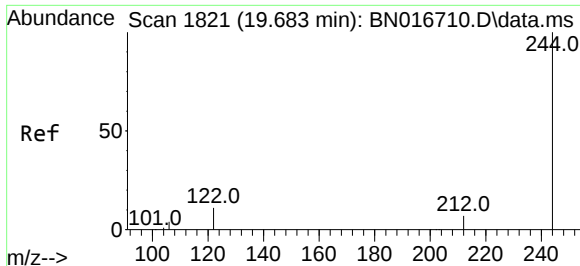


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016762.D
Acq: 06 Oct 2021 03:53



Tgt Ion:240 Resp: 115743
Ion Ratio Lower Upper
240 100
120 14.6 6.6 10.0#
236 26.9 20.7 31.1

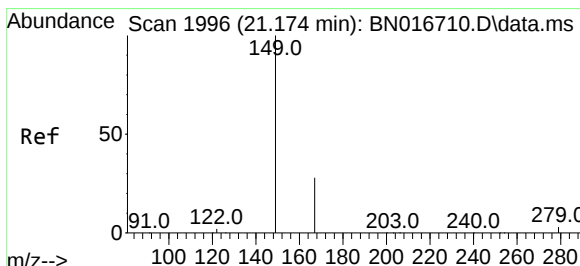
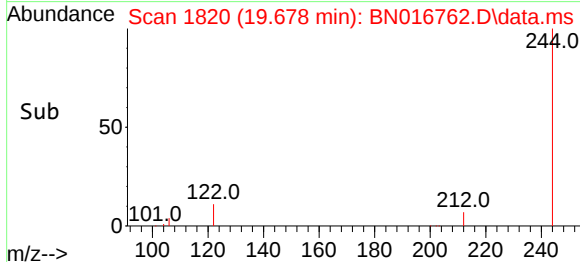
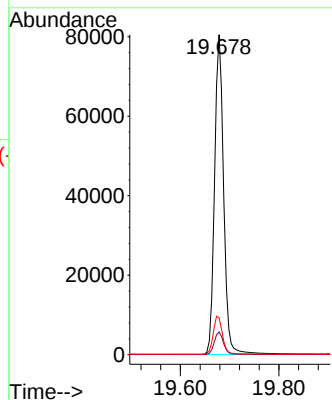
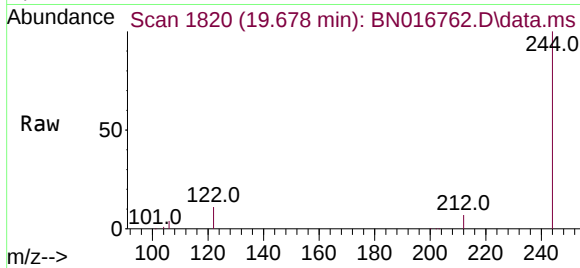




#31
Terphenyl-d14
Concen: 0.398 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN016762.D
Acq: 06 Oct 2021 03:53

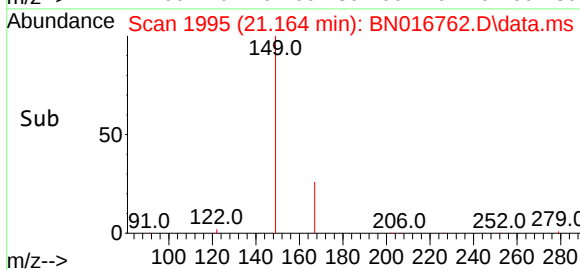
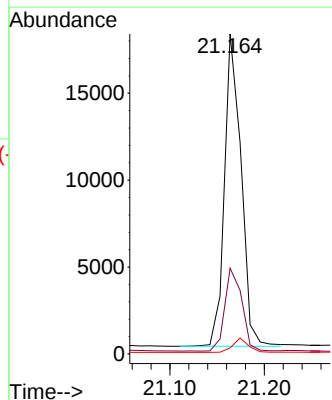
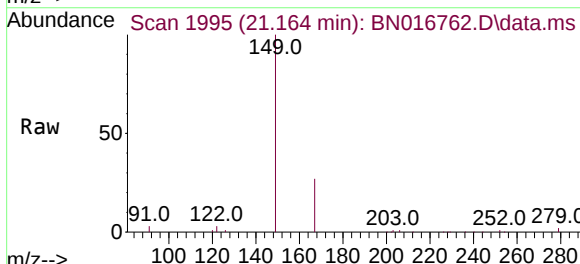
Instrument :
BNA_N
ClientSampleId :
RW4-20210922

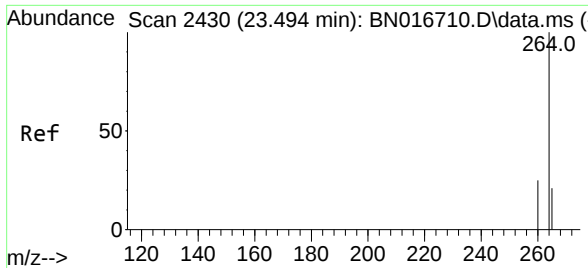
Tgt Ion:244 Resp: 102959
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 11.5 8.9 13.3



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.101 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016762.D
Acq: 06 Oct 2021 03:53

Tgt Ion:149 Resp: 21978
Ion Ratio Lower Upper
149 100
167 27.2 22.2 33.4
279 4.2 3.4 5.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.484 min Scan# 2427
 Delta R.T. -0.010 min
 Lab File: BN016762.D
 Acq: 06 Oct 2021 03:53

Instrument :
 BNA_N
 ClientSampleId :
 RW4-20210922

Tgt Ion:264 Resp: 117433

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	23.1	20.3	30.5

