

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016764.D
 Acq On : 06 Oct 2021 05:05
 Operator : CG/JU
 Sample : M3915-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D2-20210922

Quant Time: Oct 06 06:57:49 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)

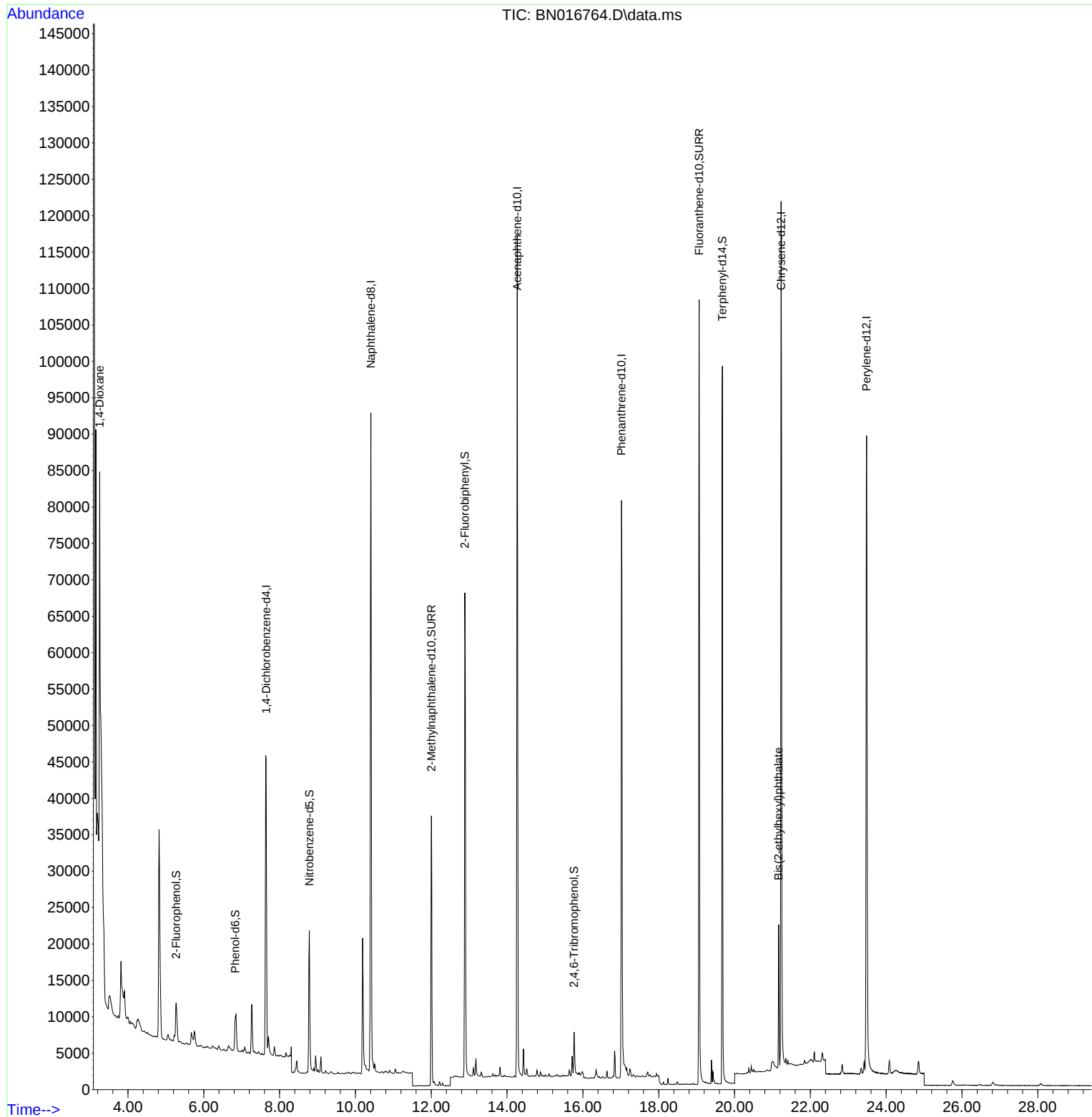
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	26506	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	121345	0.40	ng	# 0.00
13) Acenaphthene-d10	14.269	164	64549	0.40	ng	0.00
19) Phenanthrene-d10	17.017	188	123291	0.40	ng	#-0.01
29) Chrysene-d12	21.227	240	122525	0.40	ng	#-0.01
35) Perylene-d12	23.481	264	122898	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	7726	0.11	ng	0.02
5) Phenol-d6	6.831	99	4786	0.06	ng	0.00
8) Nitrobenzene-d5	8.784	82	18740	0.22	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	52061	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	6114	0.28	ng	-0.01
15) 2-Fluorobiphenyl	12.886	172	66138	0.26	ng	-0.01
27) Fluoranthene-d10	19.068	212	127966	0.38	ng	0.00
31) Terphenyl-d14	19.678	244	101652	0.37	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	36825	2.98	ng	# 69
34) Bis(2-ethylhexyl)phtha...	21.164	149	17746	0.08	ng	99

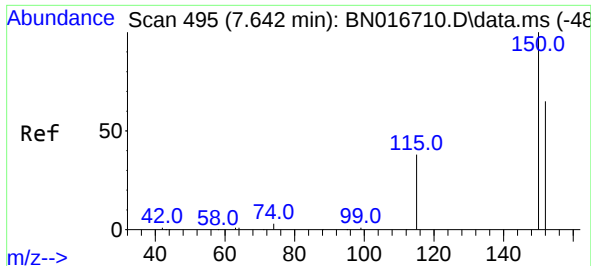
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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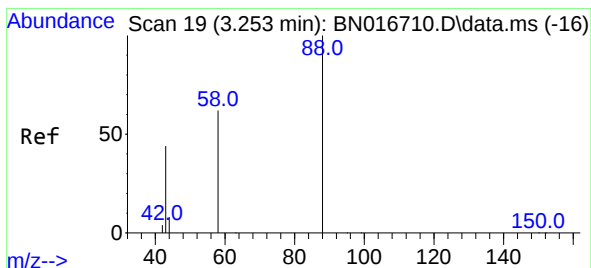
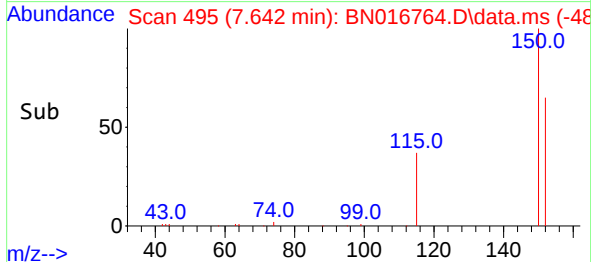
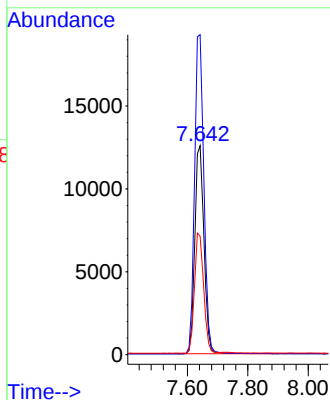
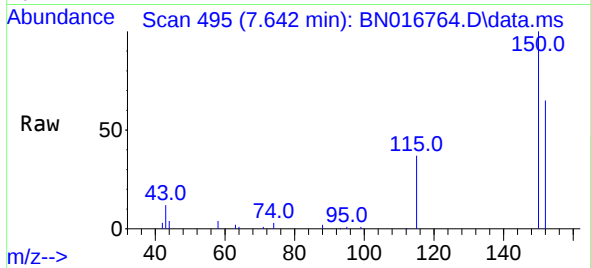




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016764.D
 Acq: 06 Oct 2021 05:05

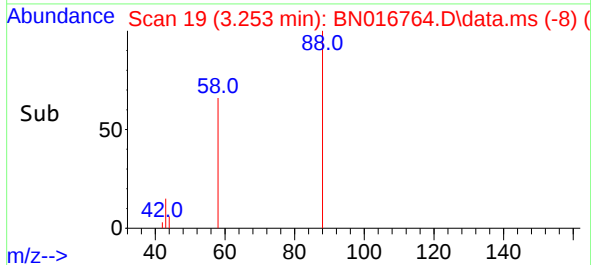
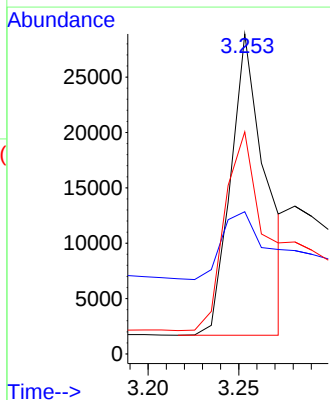
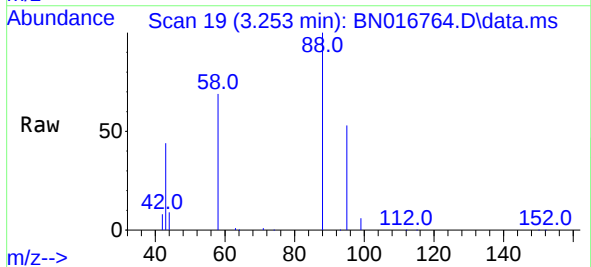
Instrument :
 BNA_N
 ClientSampleId :
 RE109D2-20210922

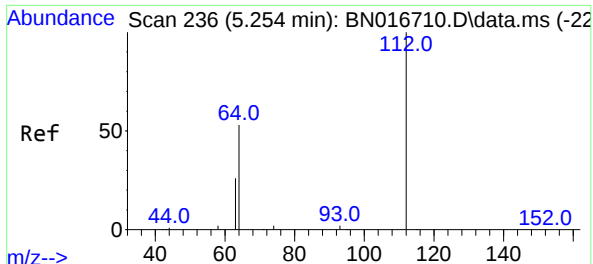
Tgt Ion:152 Resp: 26506
 Ion Ratio Lower Upper
 152 100
 150 153.1 123.3 184.9
 115 56.6 47.0 70.6



#2
 1,4-Dioxane
 Concen: 2.98 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016764.D
 Acq: 06 Oct 2021 05:05

Tgt Ion: 88 Resp: 36825
 Ion Ratio Lower Upper
 88 100
 43 26.4 61.7 92.5#
 58 74.3 62.2 93.2



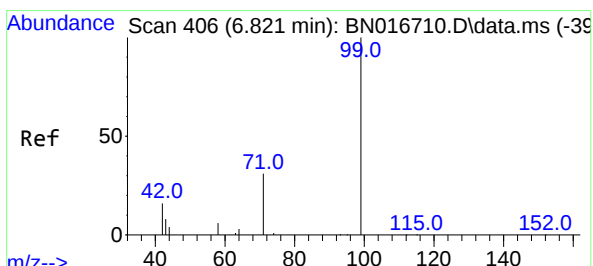
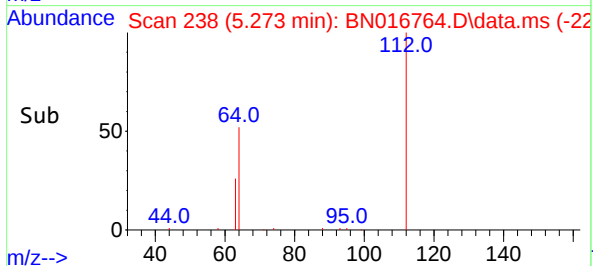
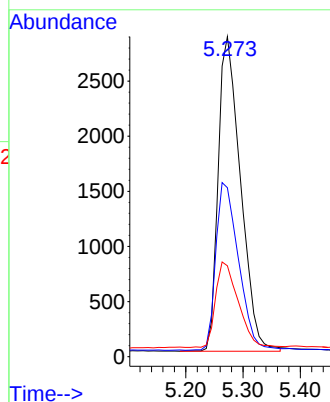
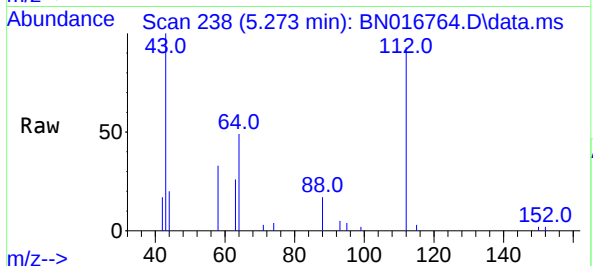


#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016764.D
Acq: 06 Oct 2021 05:05

Instrument :
BNA_N
ClientSampleId :
RE109D2-20210922

Tgt Ion: 112 Resp: 7726

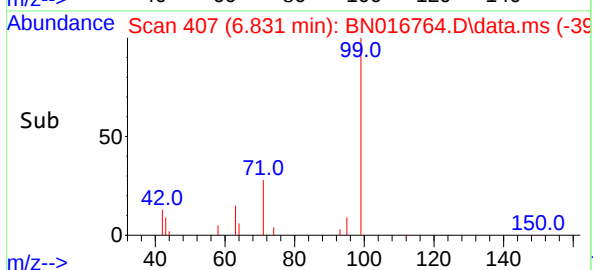
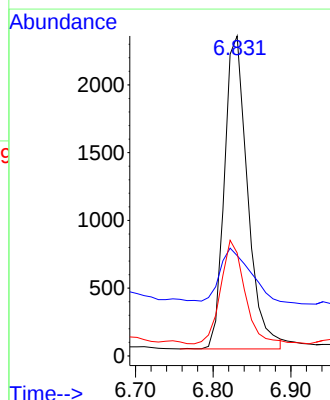
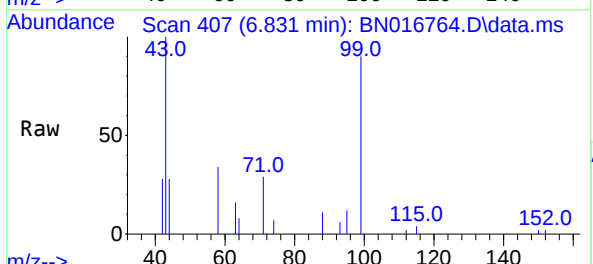
Ion	Ratio	Lower	Upper
112	100		
64	54.2	42.9	64.3
63	27.5	21.5	32.3

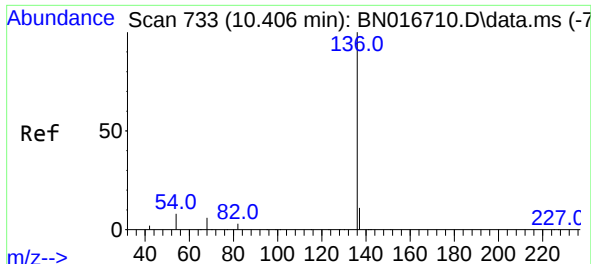


#5
Phenol-d6
Concen: 0.06 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016764.D
Acq: 06 Oct 2021 05:05

Tgt Ion: 99 Resp: 4786

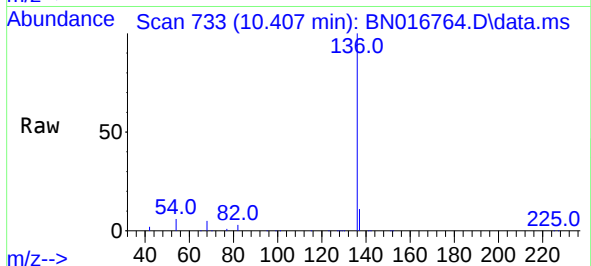
Ion	Ratio	Lower	Upper
99	100		
42	21.7	13.4	20.2#
71	34.3	24.0	36.0



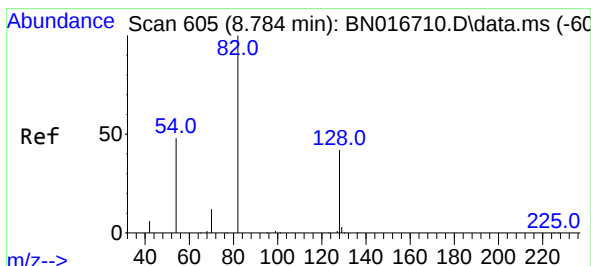
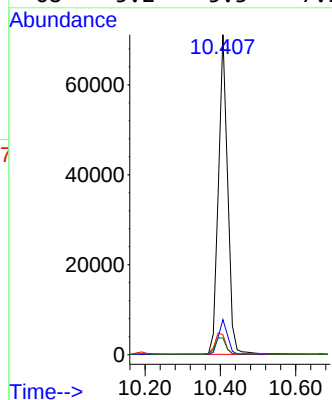


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016764.D
Acq: 06 Oct 2021 05:05

Instrument :
BNA_N
ClientSampleId :
RE109D2-20210922

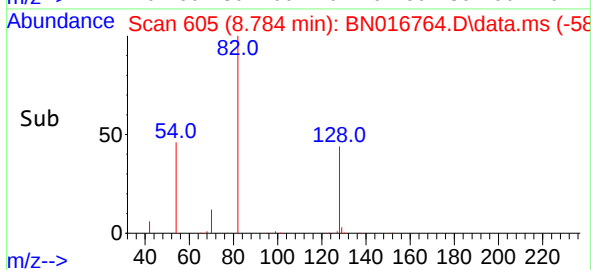
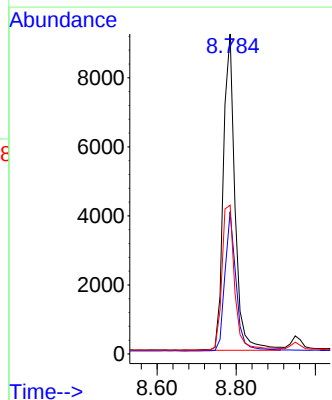
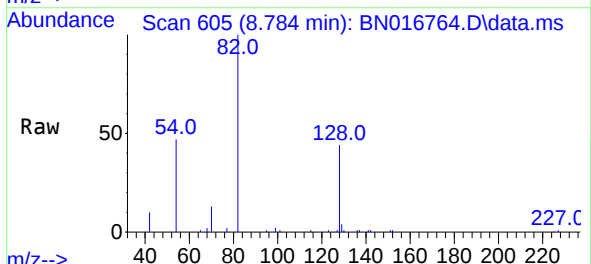


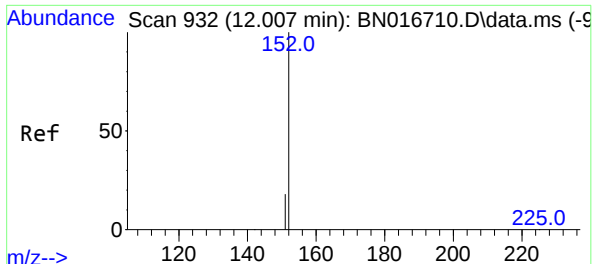
Tgt Ion:	136	Resp:	121345
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	6.2	6.5	9.7#
68	5.2	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.22 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016764.D
Acq: 06 Oct 2021 05:05

Tgt Ion:	82	Resp:	18740
Ion Ratio	Lower	Upper	
82	100		
128	44.5	33.8	50.6
54	46.5	38.5	57.7

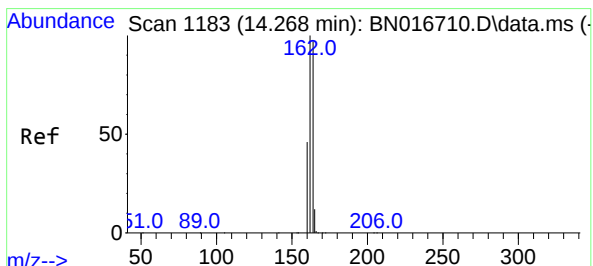
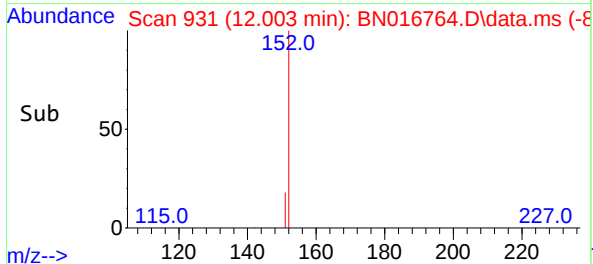
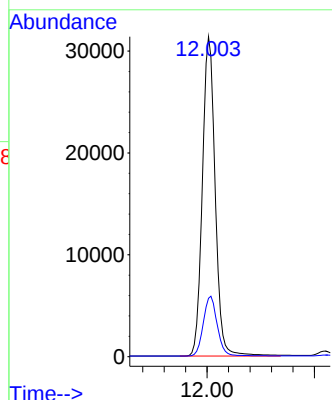
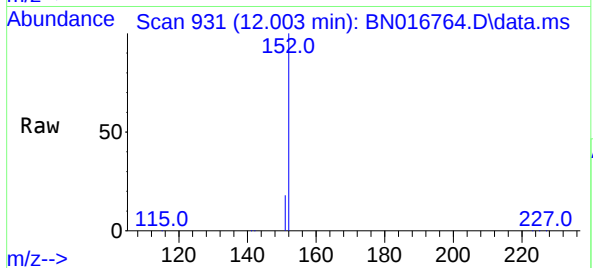




#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016764.D
Acq: 06 Oct 2021 05:05

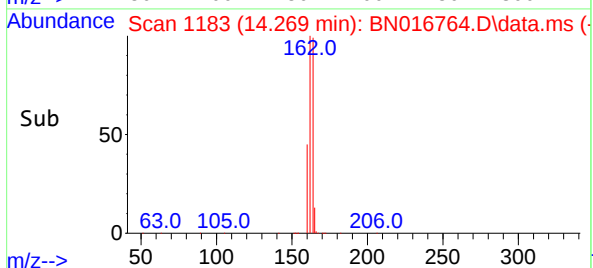
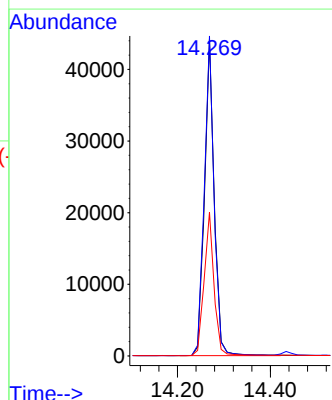
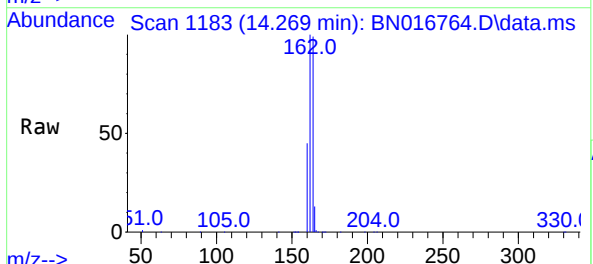
Instrument :
BNA_N
ClientSampleId :
RE109D2-20210922

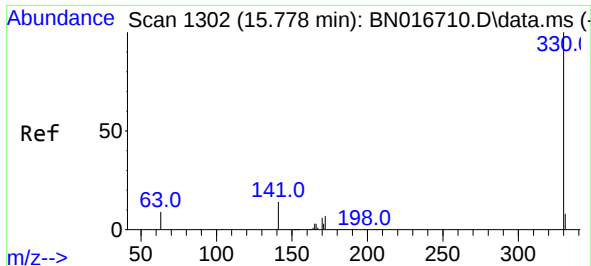
Tgt Ion:152 Resp: 52061
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016764.D
Acq: 06 Oct 2021 05:05

Tgt Ion:164 Resp: 64549
Ion Ratio Lower Upper
164 100
162 101.0 82.6 124.0
160 45.4 38.2 57.2

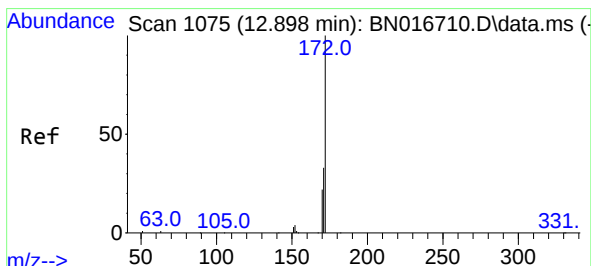
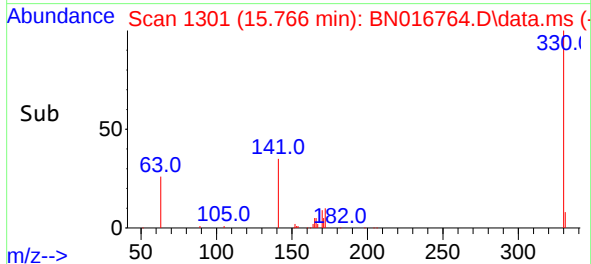
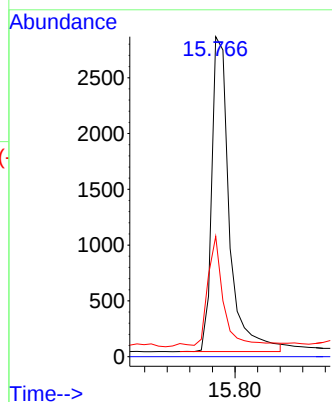
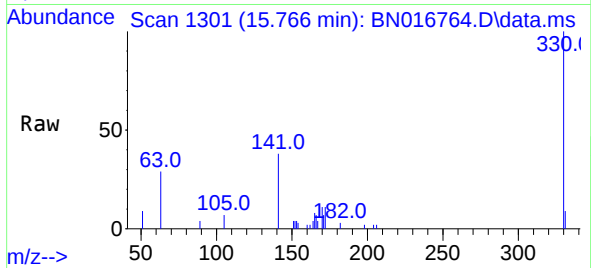




#14
2,4,6-Tribromophenol
Concen: 0.28 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BN016764.D
Acq: 06 Oct 2021 05:05

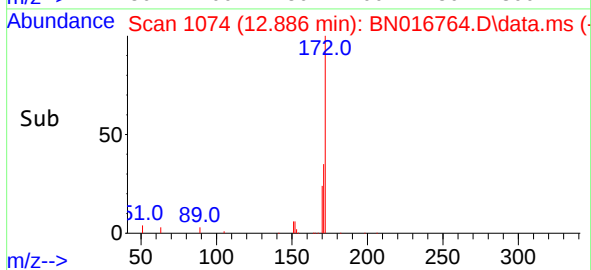
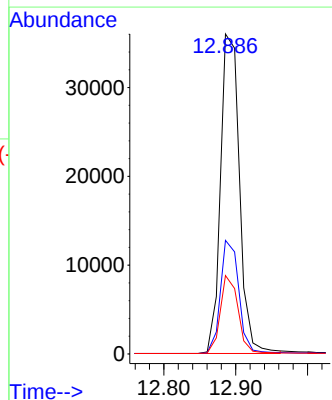
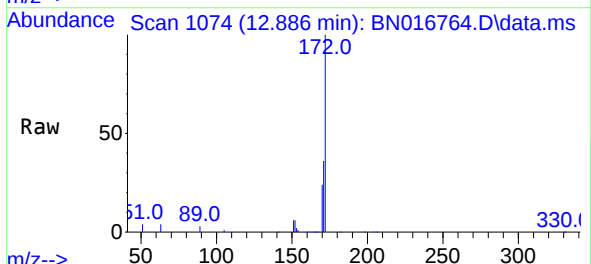
Instrument :
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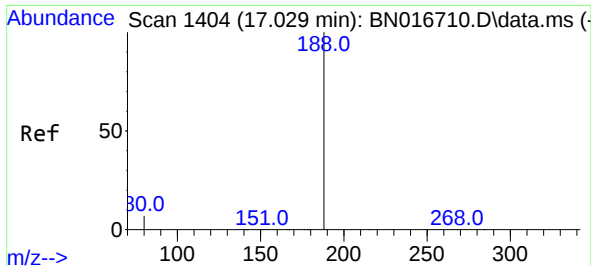
Tgt Ion:330 Resp: 6114
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.2 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016764.D
Acq: 06 Oct 2021 05:05

Tgt Ion:172 Resp: 66138
Ion Ratio Lower Upper
172 100
171 35.5 26.9 40.3
170 24.5 17.4 26.0

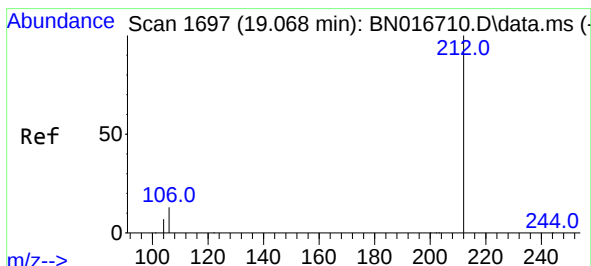
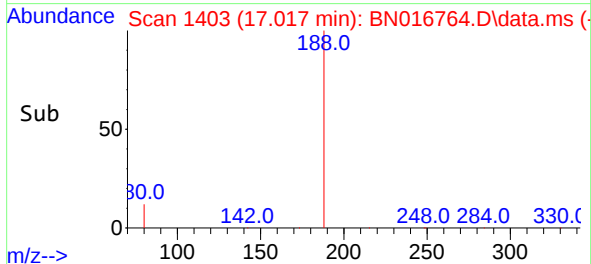
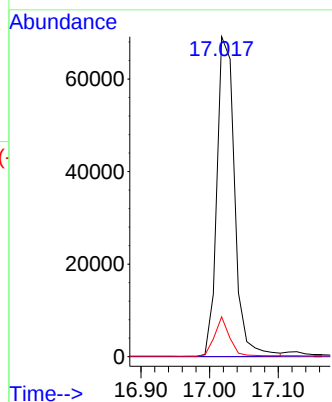
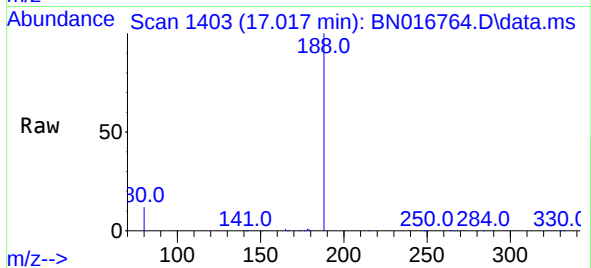




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016764.D
Acq: 06 Oct 2021 05:05

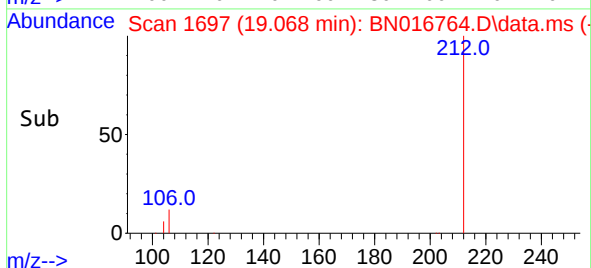
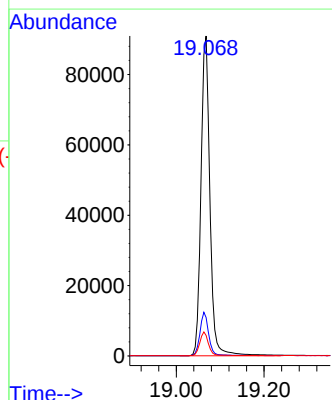
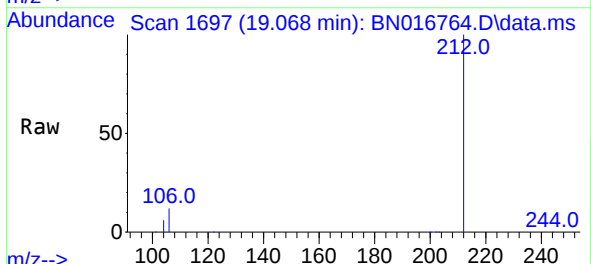
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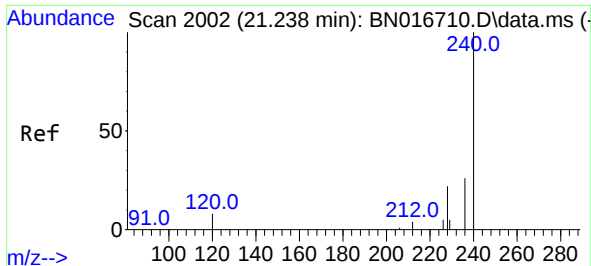
Tgt Ion:188 Resp: 123291
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 5.8 8.8#



#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016764.D
Acq: 06 Oct 2021 05:05

Tgt Ion:212 Resp: 127966
Ion Ratio Lower Upper
212 100
106 13.2 10.6 16.0
104 7.3 5.8 8.8

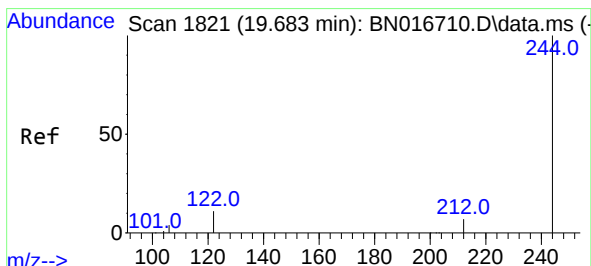
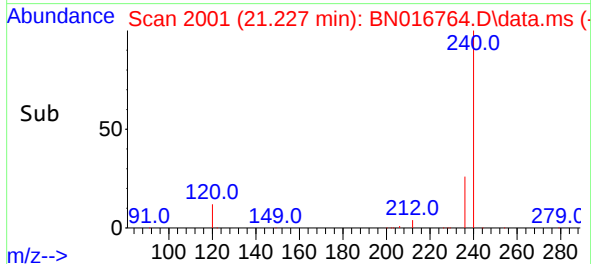
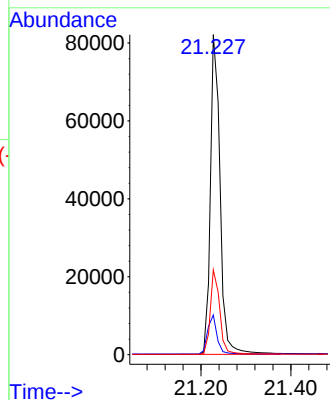
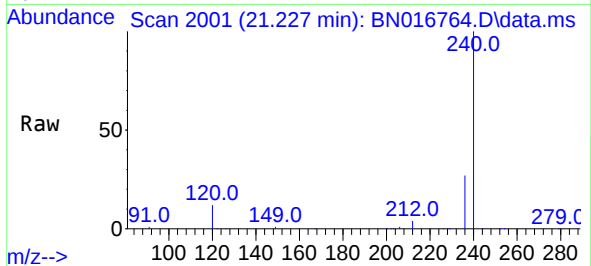




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016764.D
Acq: 06 Oct 2021 05:05

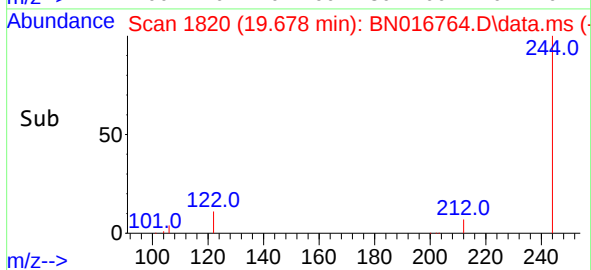
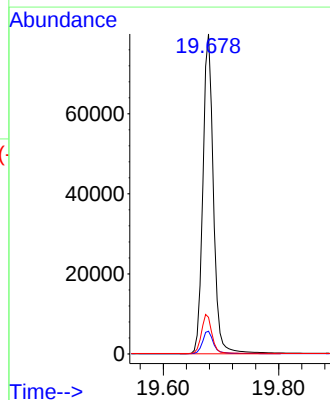
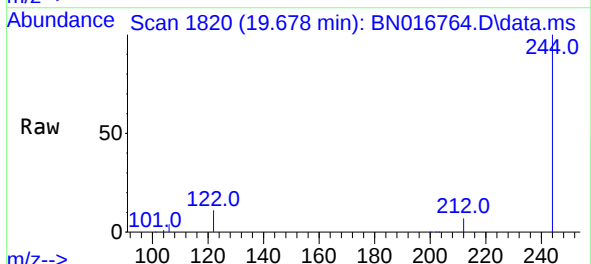
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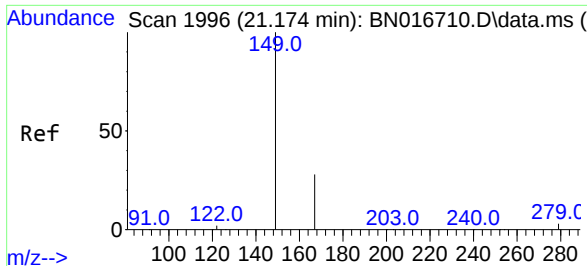
Tgt Ion:240 Resp: 122525
Ion Ratio Lower Upper
240 100
120 12.4 6.6 10.0#
236 26.5 20.7 31.1



#31
Terphenyl-d14
Concen: 0.37 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN016764.D
Acq: 06 Oct 2021 05:05

Tgt Ion:244 Resp: 101652
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 11.5 8.9 13.3

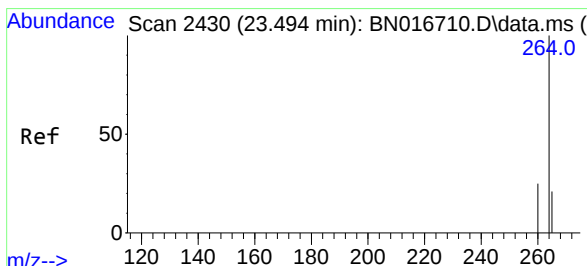
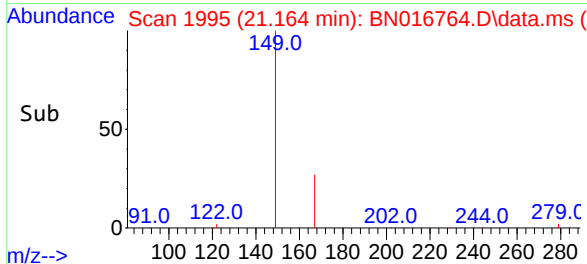
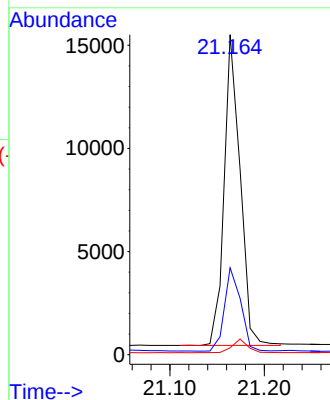
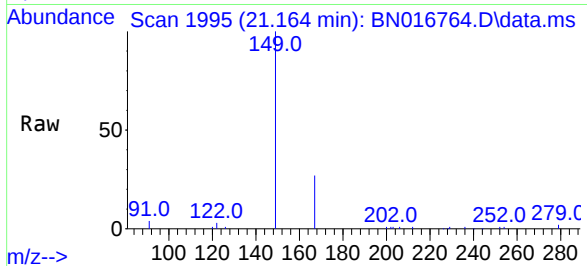




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.08 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016764.D
Acq: 06 Oct 2021 05:05

Instrument :
BNA_N
ClientSampleId :
RE109D2-20210922

Tgt Ion:149 Resp: 17746
Ion Ratio Lower Upper
149 100
167 27.3 22.2 33.4
279 4.2 3.4 5.2



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.481 min Scan# 2426
Delta R.T. -0.013 min
Lab File: BN016764.D
Acq: 06 Oct 2021 05:05

Tgt Ion:264 Resp: 122898
Ion Ratio Lower Upper
264 100
260 24.9 19.8 29.6
265 23.0 20.3 30.5

