

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082521\
 Data File : BN016045.D
 Acq On : 24 Aug 2021 23:55
 Operator : CG/JU
 Sample : M3483-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-370-372

Quant Time: Aug 25 04:19:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 14:26:02 2021
 Response via : Initial Calibration

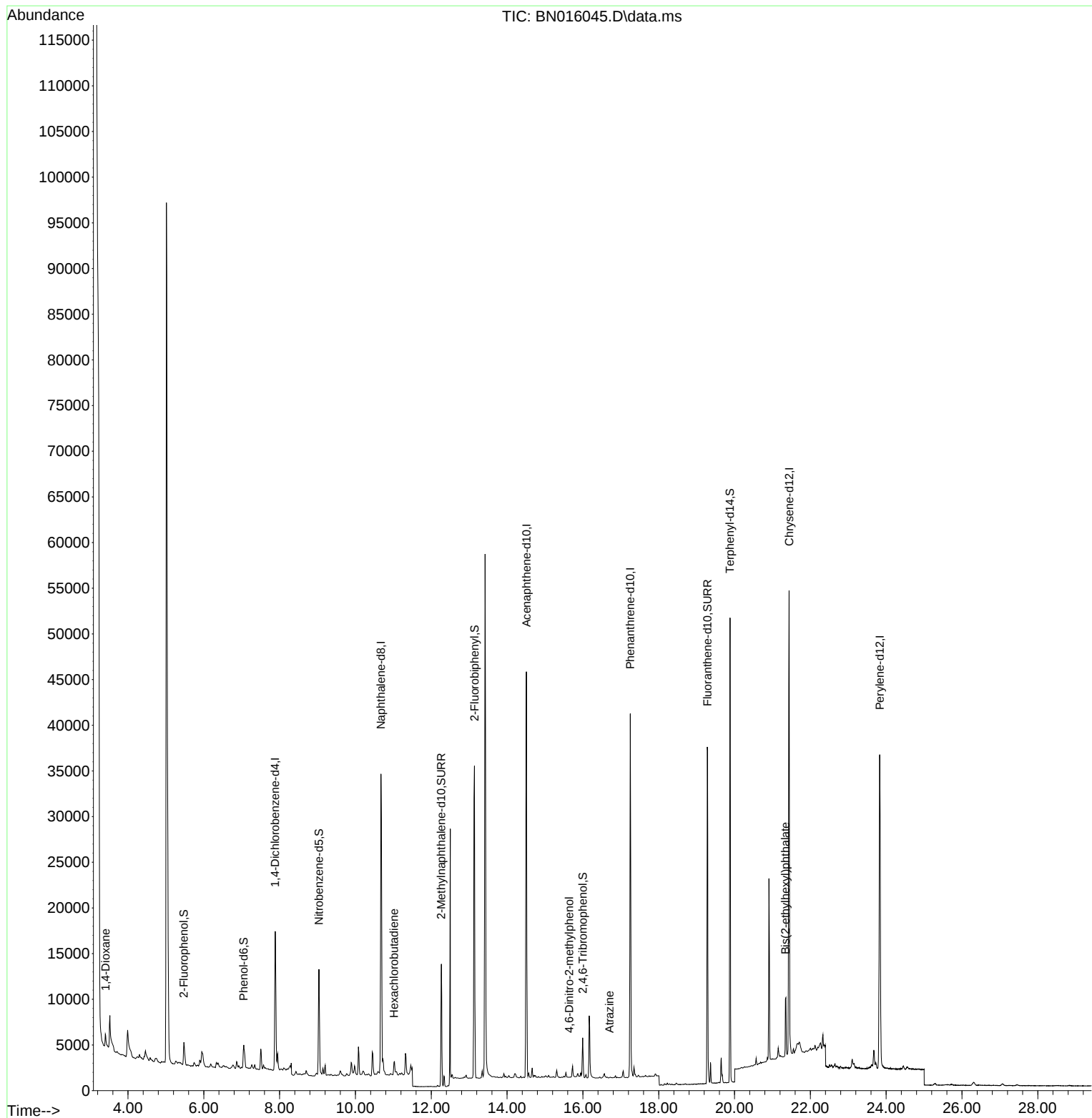
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	8781	0.400	ng	0.00
7) Naphthalene-d8	10.673	136	48357	0.400	ng	#-0.01
13) Acenaphthene-d10	14.510	164	27163	0.400	ng	0.00
19) Phenanthrene-d10	17.249	188	53109	0.400	ng	0.00
29) Chrysene-d12	21.440	240	53048	0.400	ng	# 0.00
35) Perylene-d12	23.830	264	52259	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.476	112	2848	0.136	ng	0.02
5) Phenol-d6	7.052	99	2435	0.083	ng	0.00
8) Nitrobenzene-d5	9.038	82	10381	0.327	ng	0.00
11) 2-Methylnaphthalene-d10	12.265	152	18589	0.255	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	3377	0.438	ng	0.00
15) 2-Fluorobiphenyl	13.140	172	34020	0.311	ng	0.00
27) Fluoranthene-d10	19.286	212	44363	0.296	ng	0.00
31) Terphenyl-d14	19.882	244	53241	0.409	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.410	88	1052	0.218	ng	96
10) Hexachlorobutadiene	11.015	225	1042	0.037	ng	# 98
20) 4,6-Dinitro-2-methylph...	15.639	198	9	0.110	ng	# 1
23) Atrazine	16.701	200	42	0.149	ng	# 17
34) Bis(2-ethylhexyl)phtha...	21.344	149	7305	0.170	ng	99

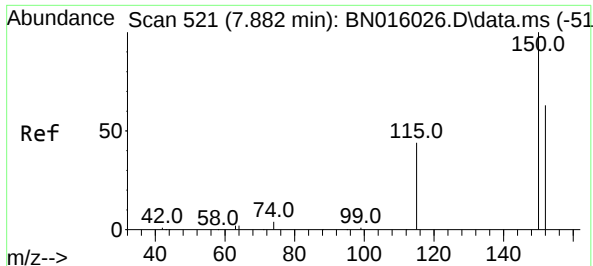
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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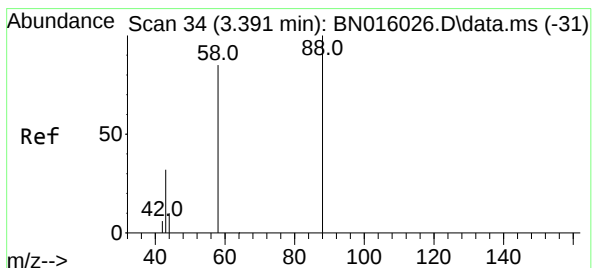
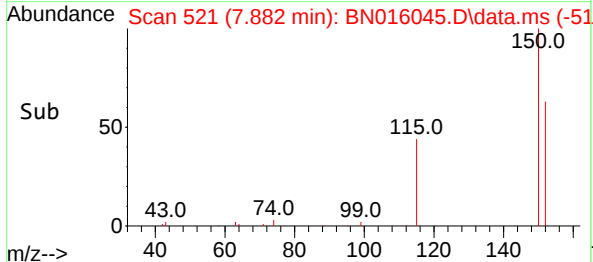
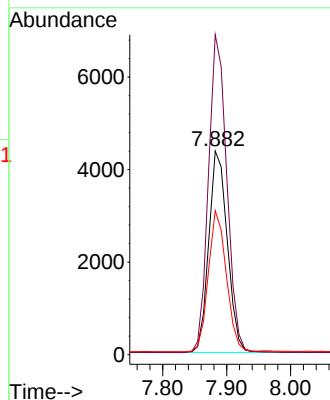
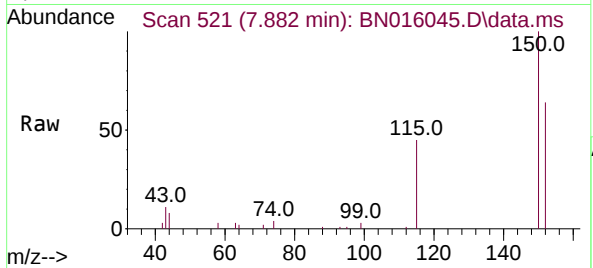


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.882 min Scan# 521
 Delta R.T. 0.000 min
 Lab File: BN016045.D
 Acq: 24 Aug 2021 23:55

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-370-372

Tgt Ion:152 Resp: 8781

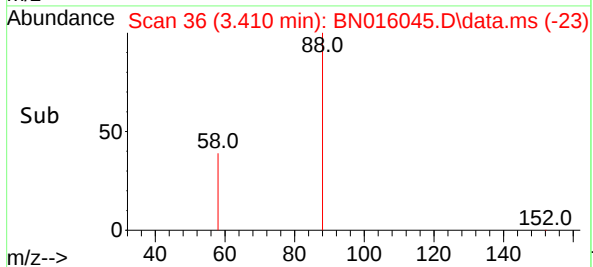
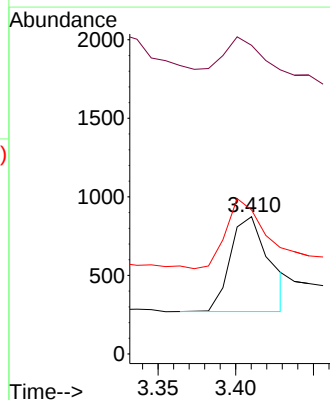
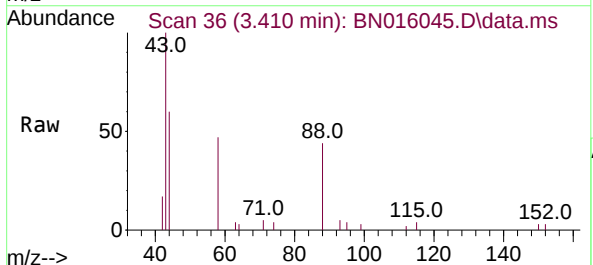
Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.5	189.7
115	70.7	56.5	84.7

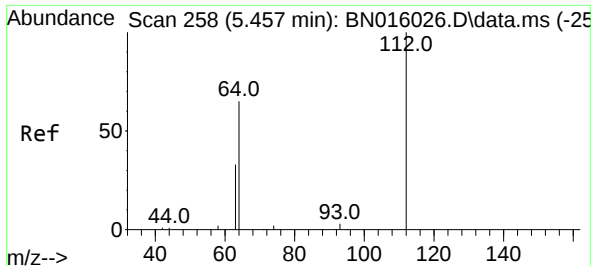


#2
 1,4-Dioxane
 Concen: 0.218 ng
 RT: 3.410 min Scan# 36
 Delta R.T. 0.019 min
 Lab File: BN016045.D
 Acq: 24 Aug 2021 23:55

Tgt Ion: 88 Resp: 1052

Ion	Ratio	Lower	Upper
88	100		
43	27.6	21.0	31.4
58	71.9	54.8	82.2

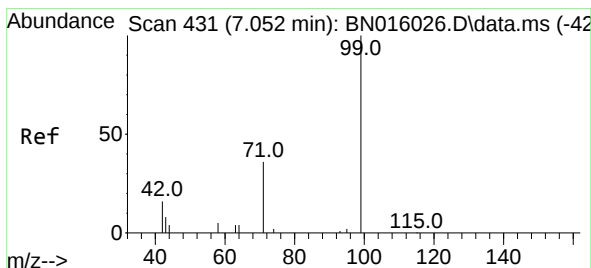
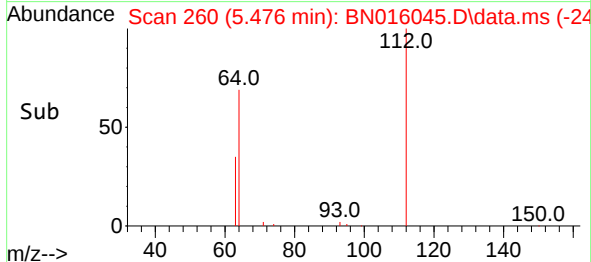
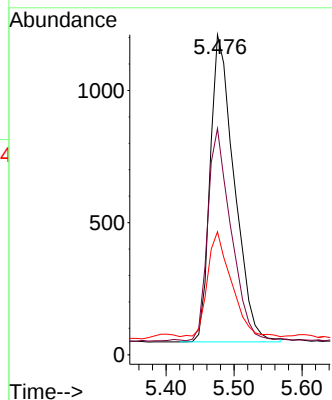
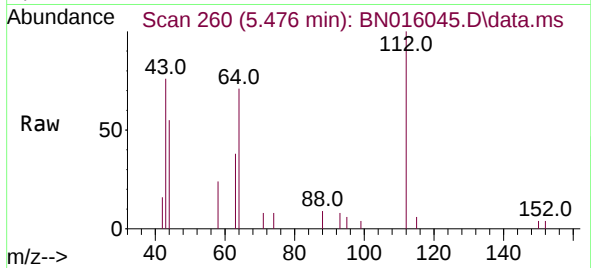




#4
2-Fluorophenol
Concen: 0.136 ng
RT: 5.476 min Scan# 260
Delta R.T. 0.019 min
Lab File: BN016045.D
Acq: 24 Aug 2021 23:55

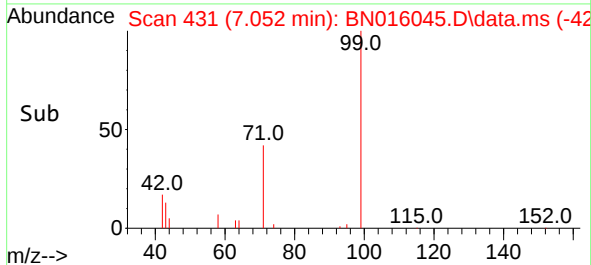
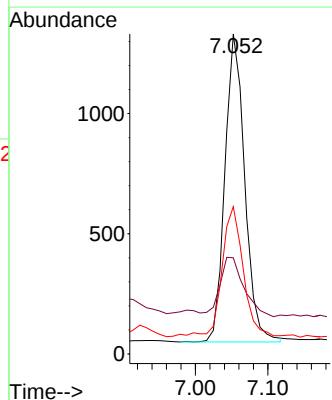
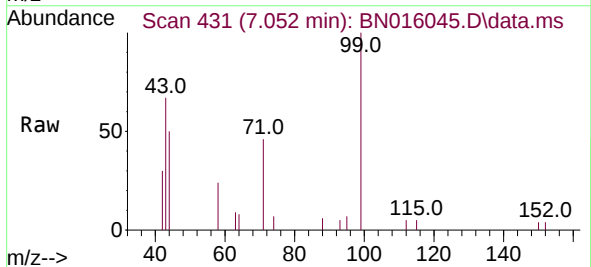
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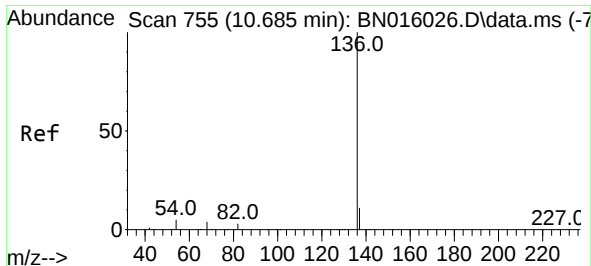
Tgt Ion:	112	Resp:	2848
Ion	Ratio	Lower	Upper
112	100		
64	67.0	52.5	78.7
63	34.0	26.9	40.3



#5
Phenol-d6
Concen: 0.083 ng
RT: 7.052 min Scan# 431
Delta R.T. 0.000 min
Lab File: BN016045.D
Acq: 24 Aug 2021 23:55

Tgt Ion:	99	Resp:	2435
Ion	Ratio	Lower	Upper
99	100		
42	23.5	15.6	23.4#
71	44.3	29.8	44.8

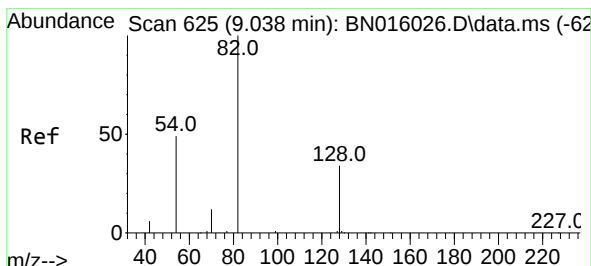
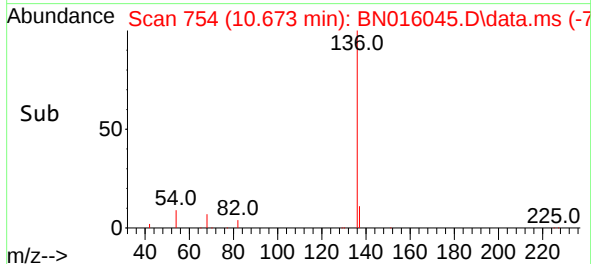
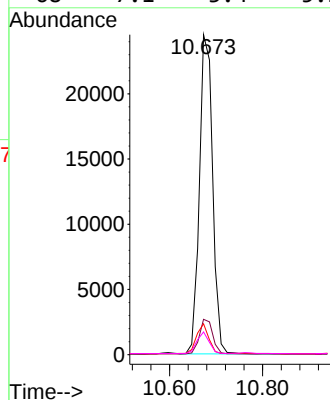
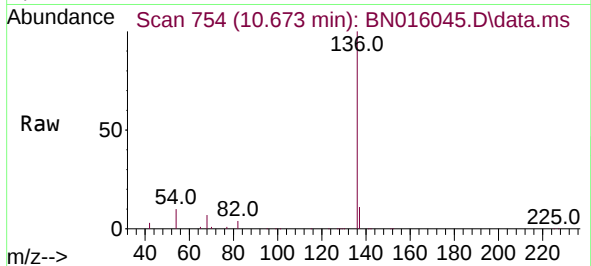




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.673 min Scan# 754
Delta R.T. -0.012 min
Lab File: BN016045.D
Acq: 24 Aug 2021 23:55

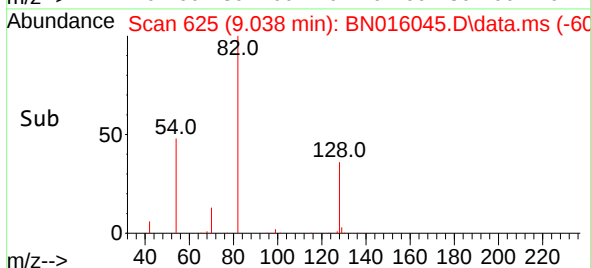
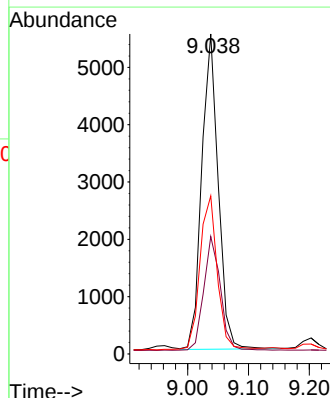
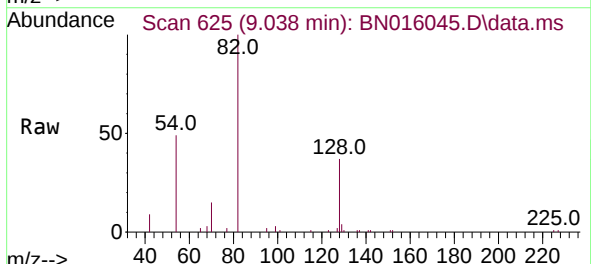
Instrument :
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ClientSampleId :
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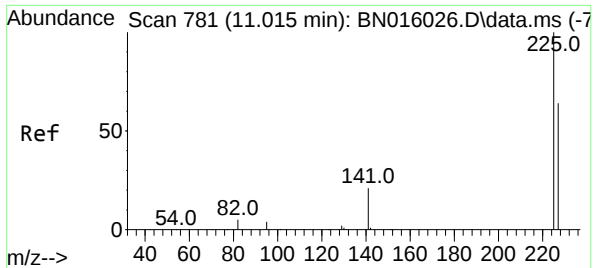
Tgt Ion:	136	Resp:	48357
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	9.6	4.2	6.4#
68	7.1	3.4	5.2#



#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 9.038 min Scan# 625
Delta R.T. 0.000 min
Lab File: BN016045.D
Acq: 24 Aug 2021 23:55

Tgt Ion:	82	Resp:	10381
Ion Ratio	Lower	Upper	
82	100		
128	36.7	27.7	41.5
54	49.4	39.4	59.2

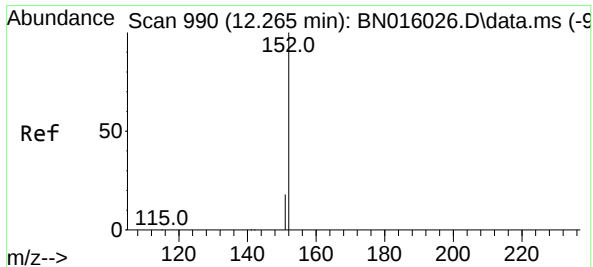
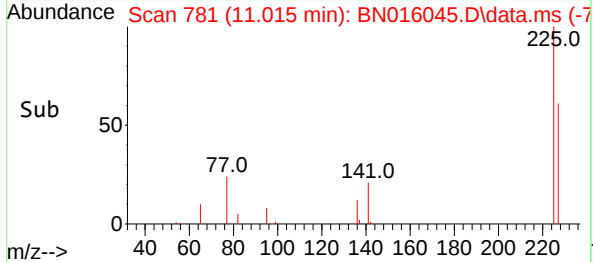
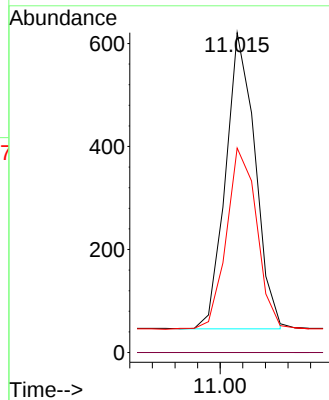
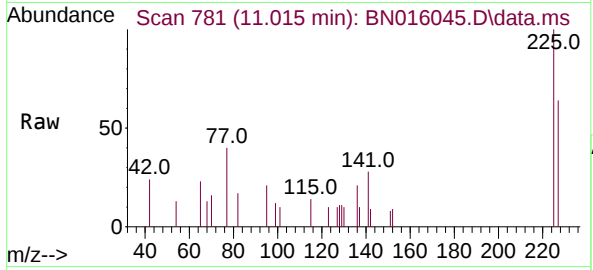




#10
Hexachlorobutadiene
Concen: 0.037 ng
RT: 11.015 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN016045.D
Acq: 24 Aug 2021 23:55

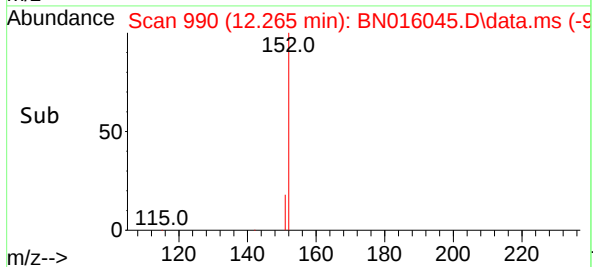
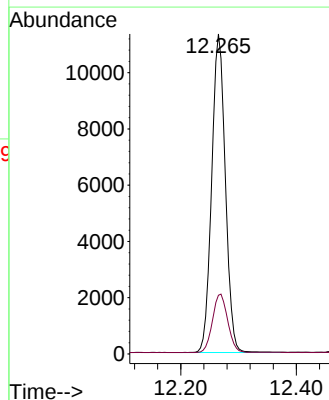
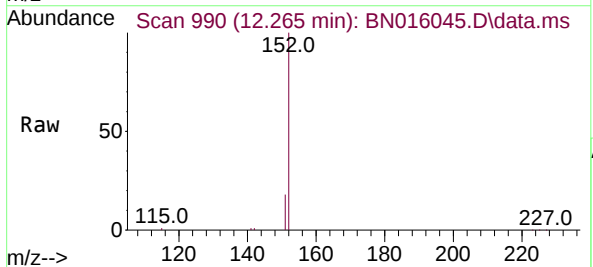
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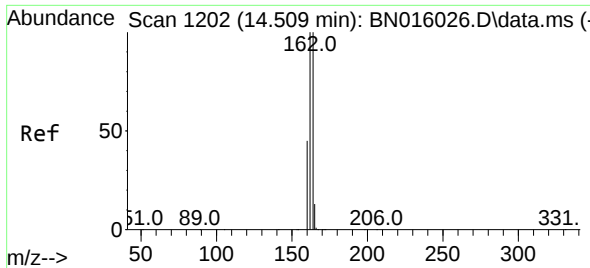
Tgt Ion:225	Resp:	1042
Ion Ratio	Lower	Upper
225	100	
223	0.0	0.0
227	63.1	77.3



#11
2-Methylnaphthalene-d10
Concen: 0.255 ng
RT: 12.265 min Scan# 990
Delta R.T. 0.000 min
Lab File: BN016045.D
Acq: 24 Aug 2021 23:55

Tgt Ion:152	Resp:	18589
Ion Ratio	Lower	Upper
152	100	
151	20.4	16.6
	24.8	

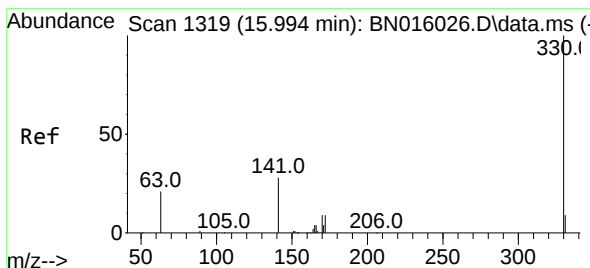
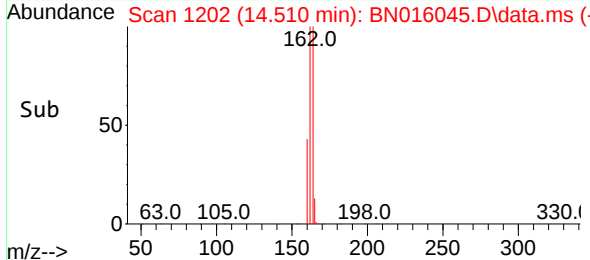
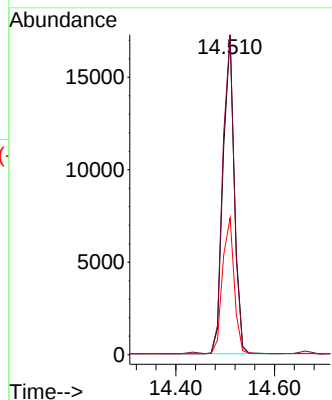
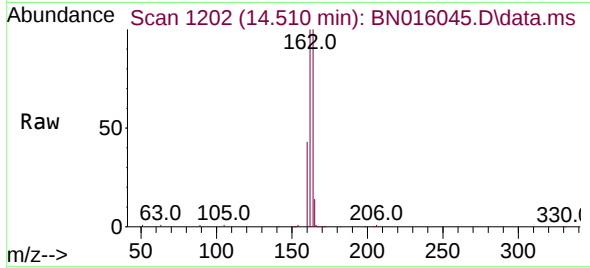




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.510 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BN016045.D
Acq: 24 Aug 2021 23:55

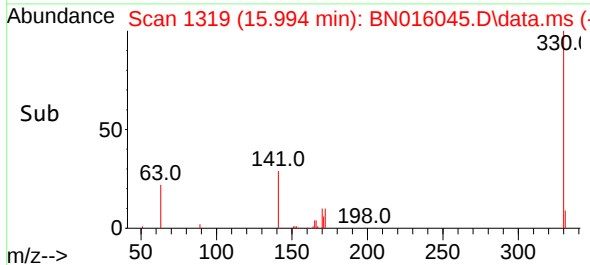
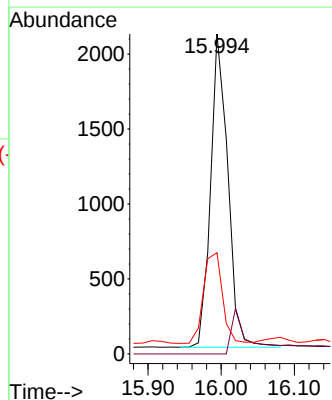
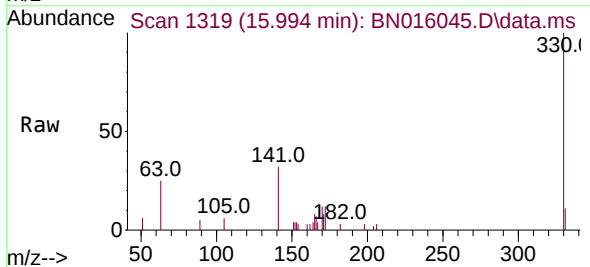
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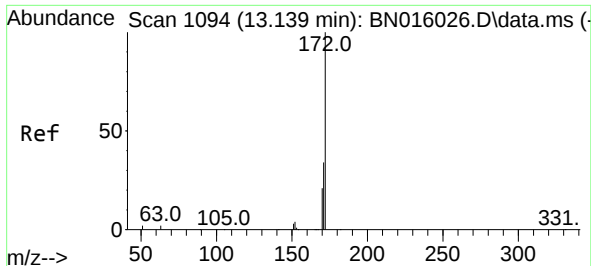
Tgt Ion:164 Resp: 27163
Ion Ratio Lower Upper
164 100
162 100.2 80.2 120.4
160 42.8 35.9 53.9



#14
2,4,6-Tribromophenol
Concen: 0.438 ng
RT: 15.994 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN016045.D
Acq: 24 Aug 2021 23:55

Tgt Ion:330 Resp: 3377
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.1 24.6 36.8

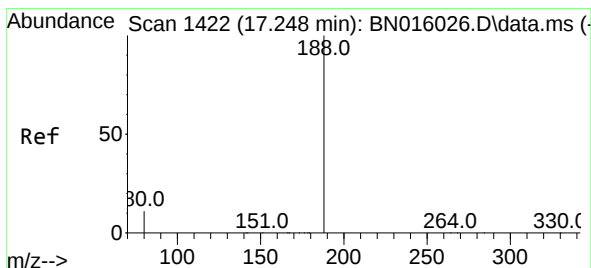
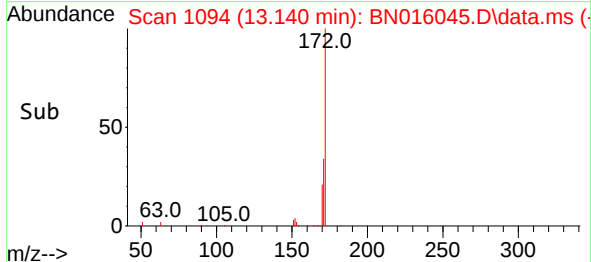
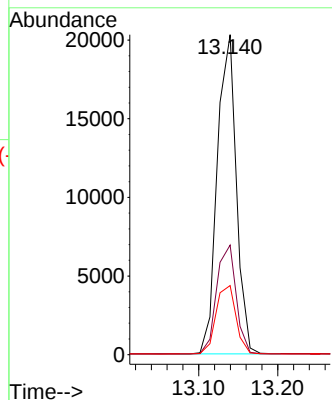
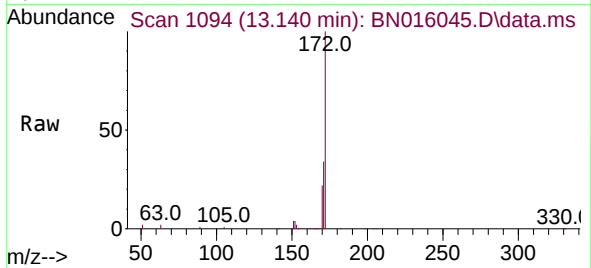




#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 13.140 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN016045.D
Acq: 24 Aug 2021 23:55

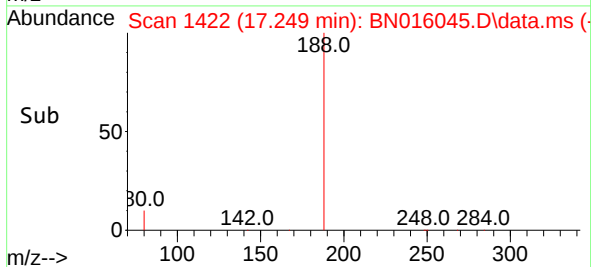
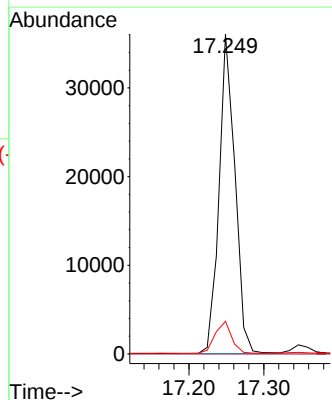
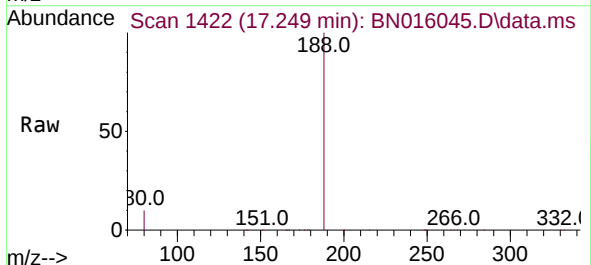
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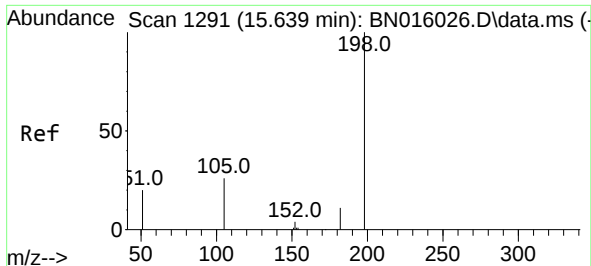
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.1	40.7
170	21.6	17.3	25.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.249 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN016045.D
Acq: 24 Aug 2021 23:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	9.0	13.6

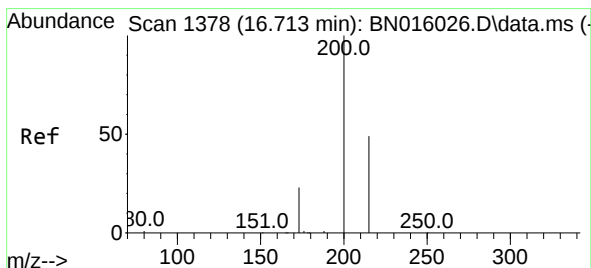
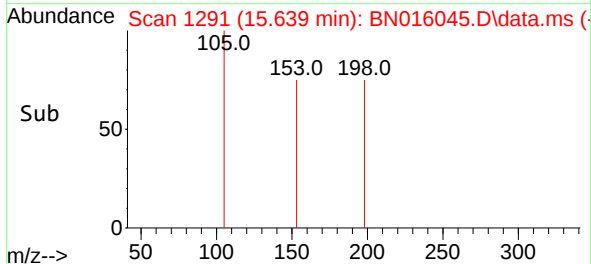
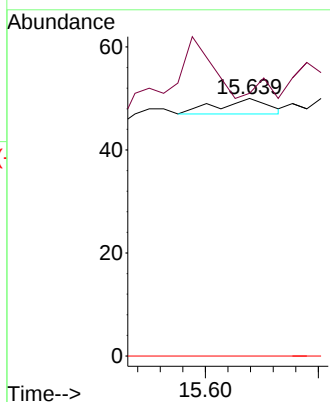
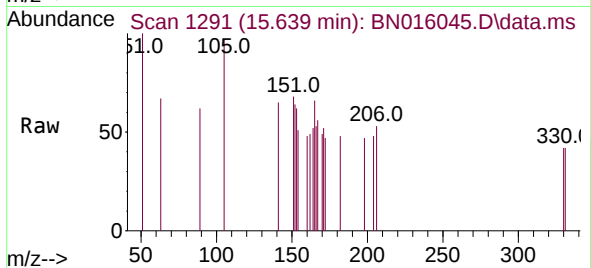




#20
4,6-Dinitro-2-methylphenol
Concen: 0.110 ng
RT: 15.639 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BN016045.D
Acq: 24 Aug 2021 23:55

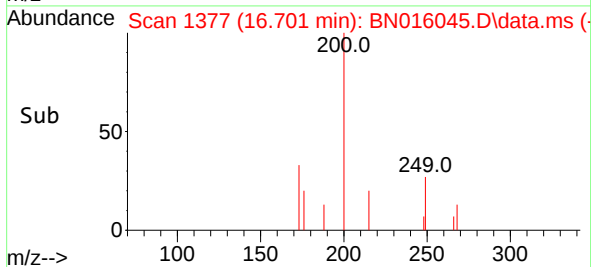
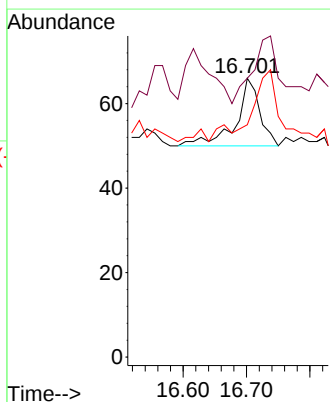
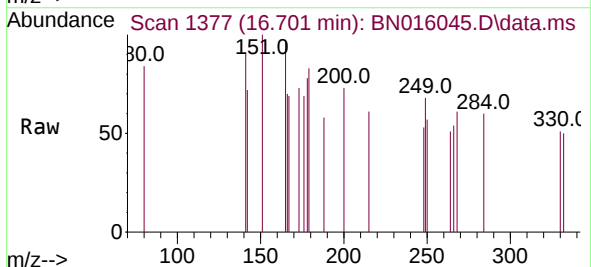
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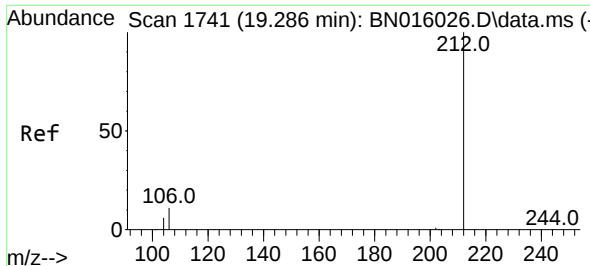
Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
182 102.0 16.8 25.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.149 ng
RT: 16.701 min Scan# 1377
Delta R.T. -0.012 min
Lab File: BN016045.D
Acq: 24 Aug 2021 23:55

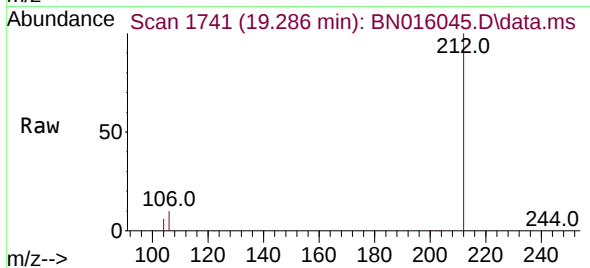
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Ion Ratio Lower Upper
200 100
173 100.0 19.7 29.5#
215 83.3 39.5 59.3#



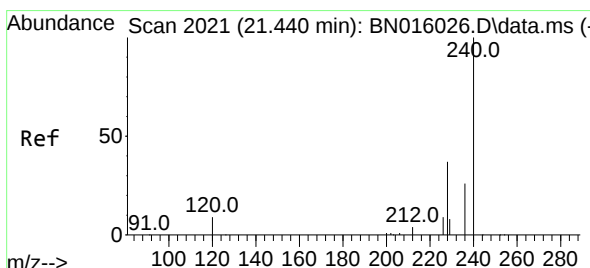
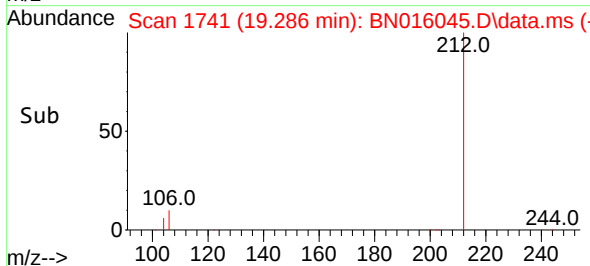
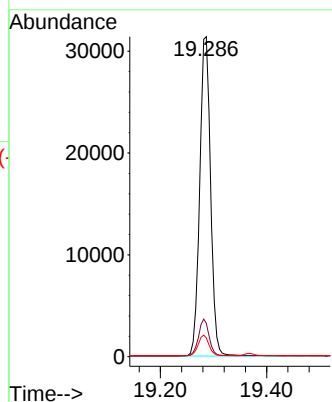


#27
Fluoranthene-d10
Concen: 0.296 ng
RT: 19.286 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BN016045.D
Acq: 24 Aug 2021 23:55

Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-370-372

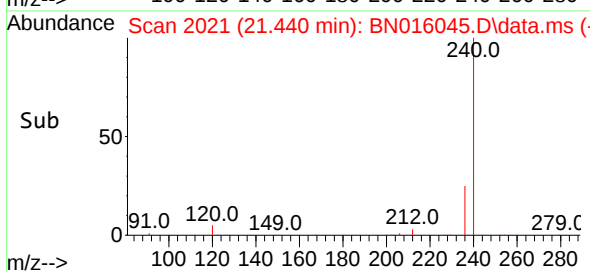
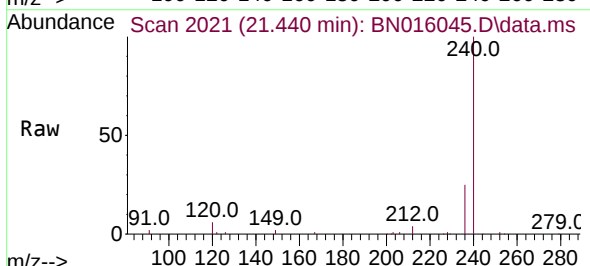
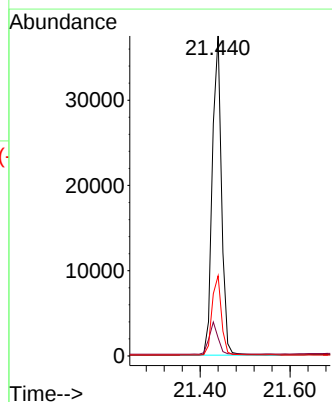


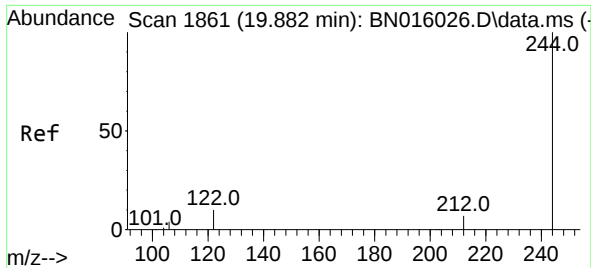
Tgt Ion:212 Resp: 44363
Ion Ratio Lower Upper
212 100
106 11.1 9.4 14.2
104 6.5 5.4 8.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.440 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BN016045.D
Acq: 24 Aug 2021 23:55

Tgt Ion:240 Resp: 53048
Ion Ratio Lower Upper
240 100
120 5.7 7.8 11.6#
236 25.1 21.0 31.6

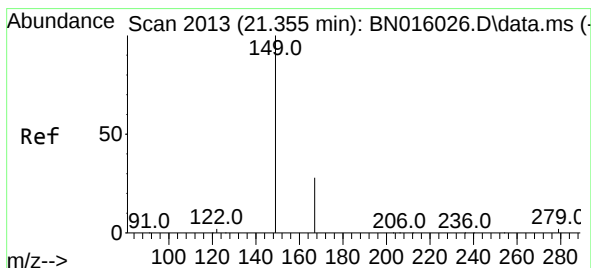
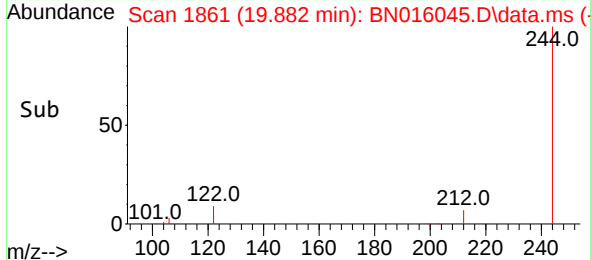
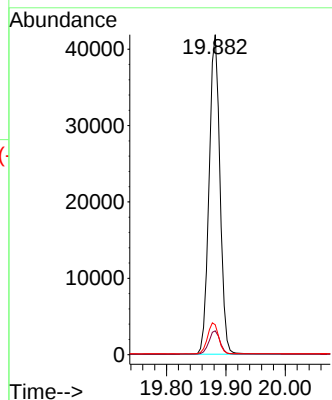
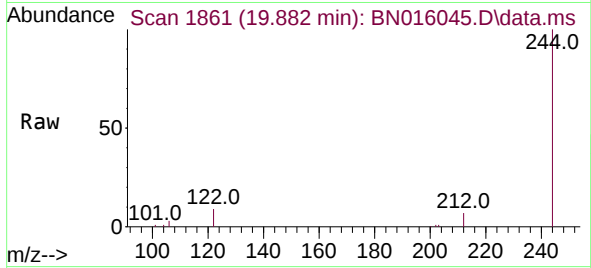




#31
 Terphenyl-d14
 Concen: 0.409 ng
 RT: 19.882 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: BN016045.D
 Acq: 24 Aug 2021 23:55

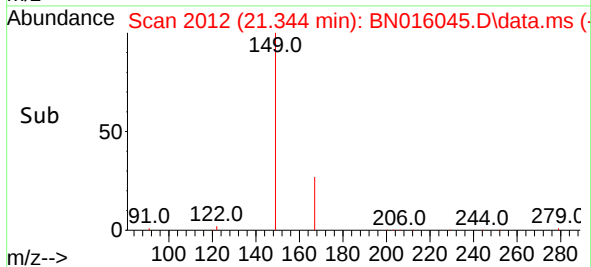
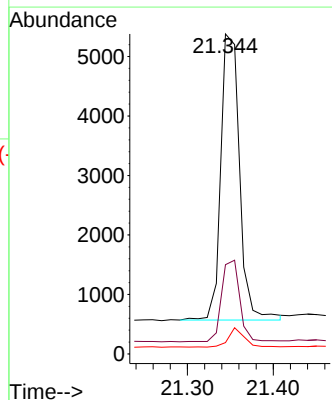
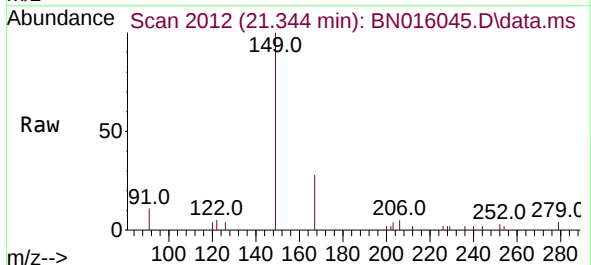
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-370-372

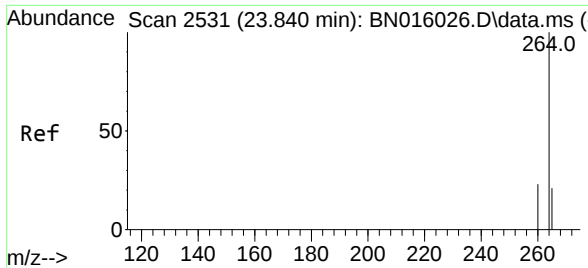
Tgt Ion:244	Resp:	53241
Ion Ratio	Lower	Upper
244	100	
212	7.5	6.0 9.0
122	9.3	8.5 12.7



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.170 ng
 RT: 21.344 min Scan# 2012
 Delta R.T. -0.010 min
 Lab File: BN016045.D
 Acq: 24 Aug 2021 23:55

Tgt Ion:149	Resp:	7305
Ion Ratio	Lower	Upper
149	100	
167	27.9	22.8 34.2
279	5.6	4.1 6.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.830 min Scan# 2528
 Delta R.T. -0.010 min
 Lab File: BN016045.D
 Acq: 24 Aug 2021 23:55

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-370-372

Tgt Ion:264	Resp:	52259
Ion Ratio	Lower	Upper
264	100	
260	23.8	19.0 28.4
265	26.3	22.7 34.1

