

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
 Data File : BN016437.D
 Acq On : 24 Sep 2021 12:58
 Operator : CG/JU
 Sample : M3782-20
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20210915

Quant Time: Sep 24 13:46:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 03:35:41 2021
 Response via : Initial Calibration

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

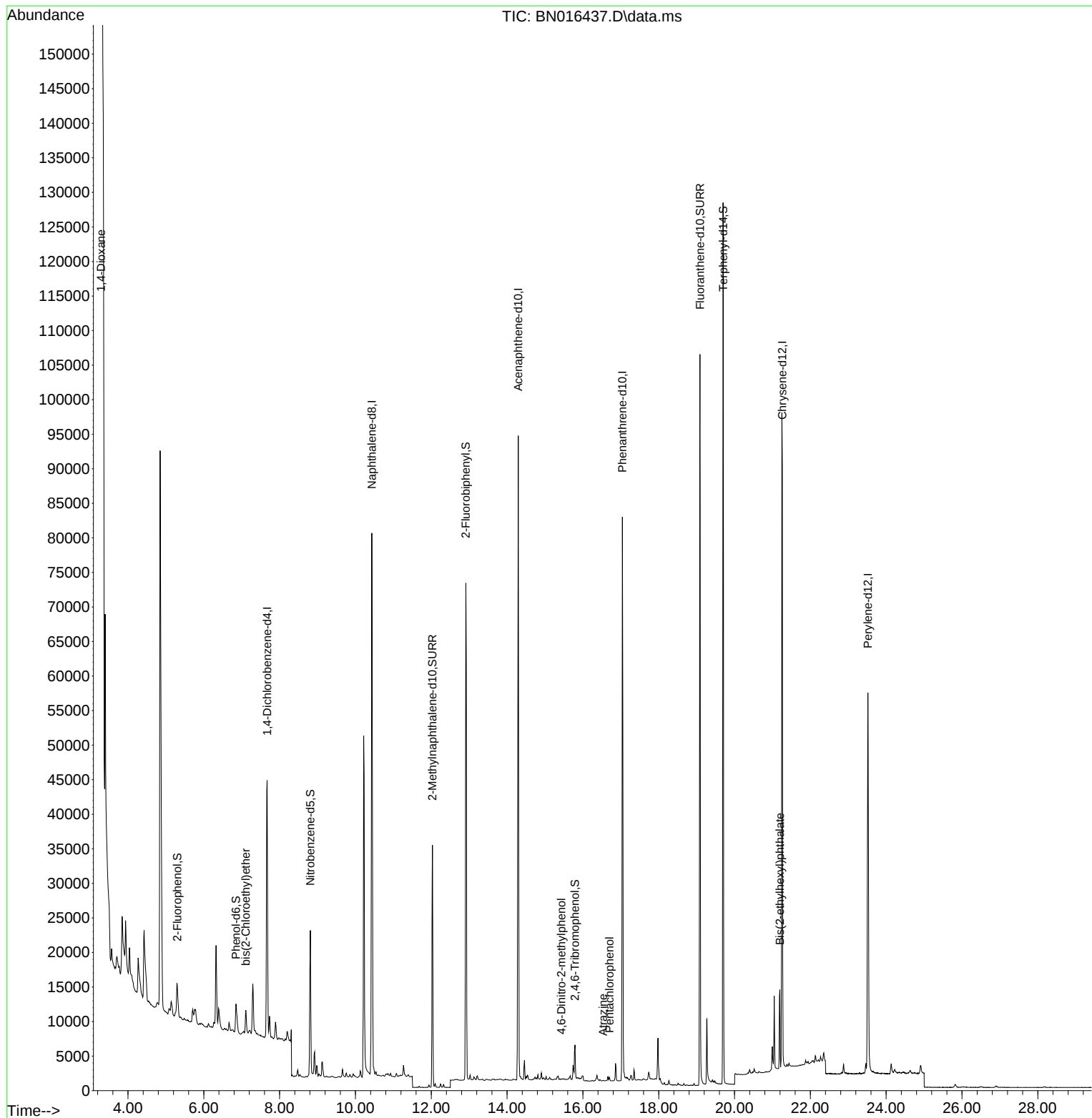
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	22800	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	102602	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	52370	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	106598	0.400	ng	0.00
29) Chrysene-d12	21.259	240	100344	0.400	ng	# 0.01
35) Perylene-d12	23.518	264	75932	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	6012	0.118	ng	0.02
5) Phenol-d6	6.849	99	3912	0.065	ng	0.00
8) Nitrobenzene-d5	8.809	82	16605	0.229	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	46415	0.305	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3582	0.308	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	67070	0.305	ng	-0.01
27) Fluoranthene-d10	19.087	212	117977	0.403	ng	0.00
31) Terphenyl-d14	19.698	244	127220	0.545	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	53095	5.434	ng	# 90
6) bis(2-Chloroethyl)ether	7.107	93	2234	0.037	ng	91
20) 4,6-Dinitro-2-methylph...	15.436	198	8	0.148	ng	# 1
23) Atrazine	16.530	200	27	0.136	ng	# 5
24) Pentachlorophenol	16.701	266	280	0.253	ng	92
34) Bis(2-ethylhexyl)phtha...	21.195	149	12081	0.152	ng	98

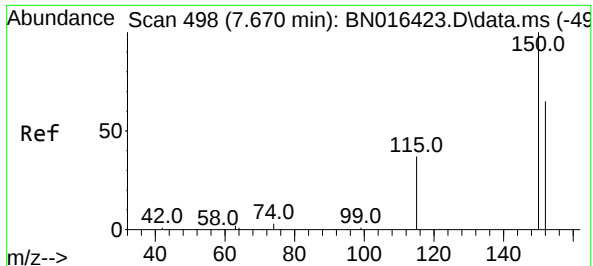
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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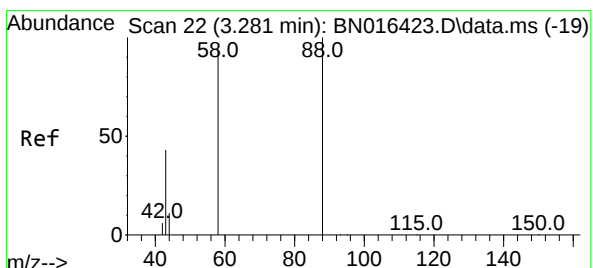
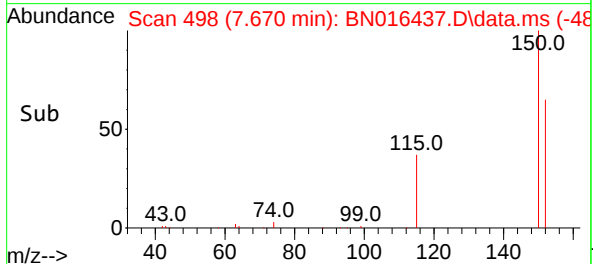
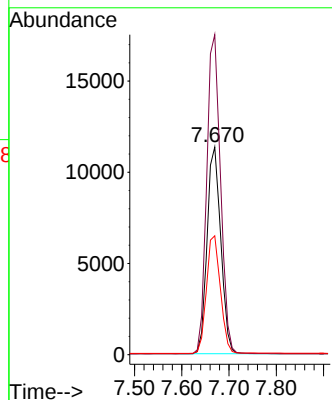
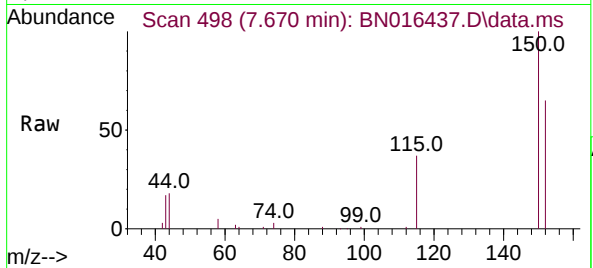




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. -0.000 min
 Lab File: BN016437.D
 Acq: 24 Sep 2021 12:58

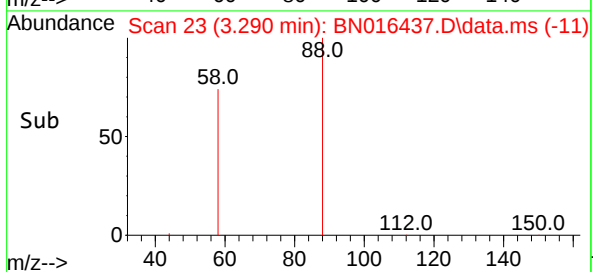
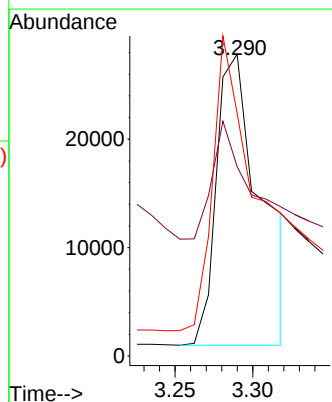
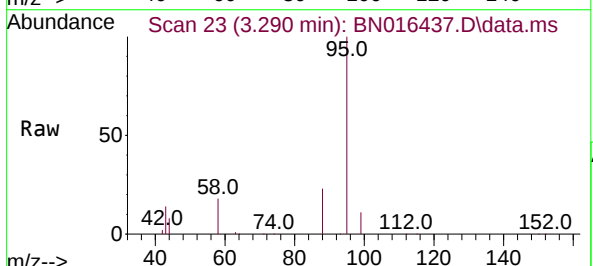
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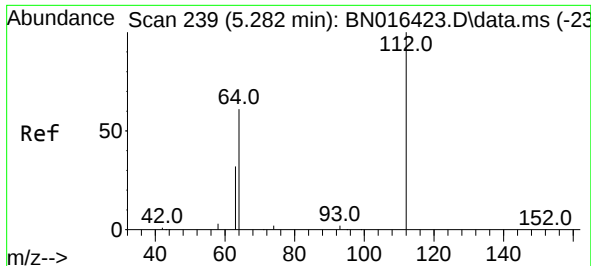
Tgt Ion:152 Resp: 22800
 Ion Ratio Lower Upper
 152 100
 150 154.1 125.6 188.4
 115 57.3 50.2 75.2



#2
 1,4-Dioxane
 Concen: 5.434 ng
 RT: 3.290 min Scan# 23
 Delta R.T. 0.009 min
 Lab File: BN016437.D
 Acq: 24 Sep 2021 12:58

Tgt Ion: 88 Resp: 53095
 Ion Ratio Lower Upper
 88 100
 43 33.7 20.3 30.5#
 58 95.4 69.9 104.9

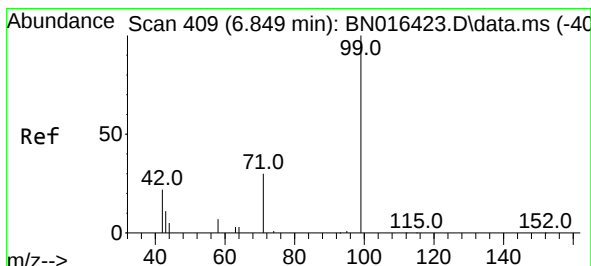
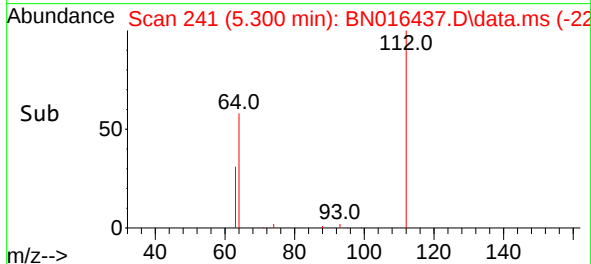
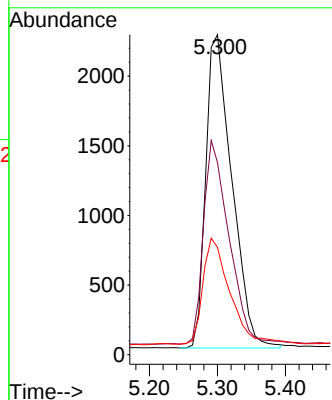
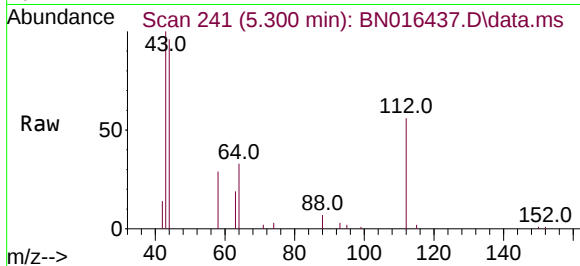




#4
2-Fluorophenol
Concen: 0.118 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.018 min
Lab File: BN016437.D
Acq: 24 Sep 2021 12:58

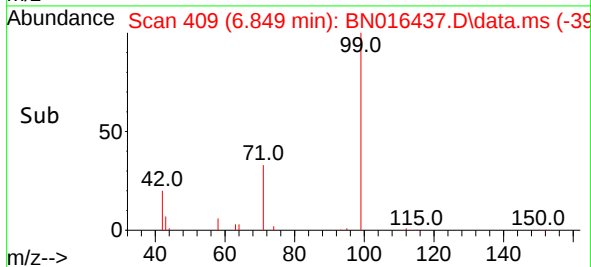
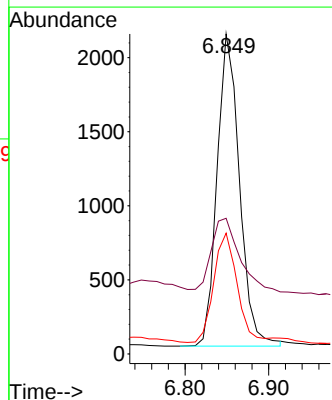
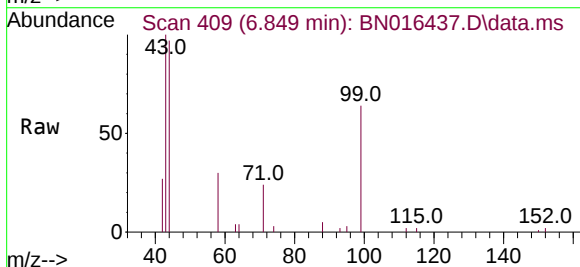
Instrument :
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ClientSampleId :
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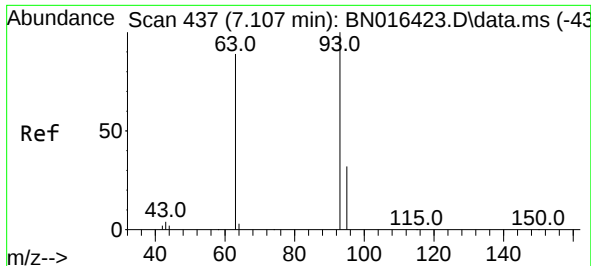
Tgt Ion:112 Resp: 6012
Ion Ratio Lower Upper
112 100
64 63.3 47.3 70.9
63 34.6 23.4 35.0



#5
Phenol-d6
Concen: 0.065 ng
RT: 6.849 min Scan# 409
Delta R.T. -0.000 min
Lab File: BN016437.D
Acq: 24 Sep 2021 12:58

Tgt Ion: 99 Resp: 3912
Ion Ratio Lower Upper
99 100
42 29.9 14.0 21.0#
71 37.3 23.8 35.6#

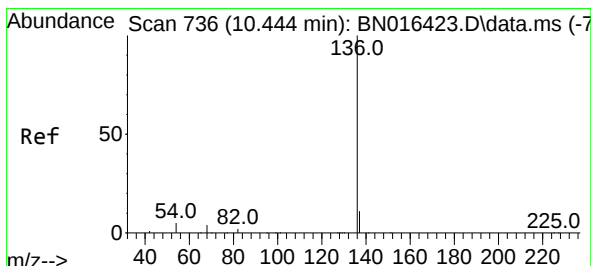
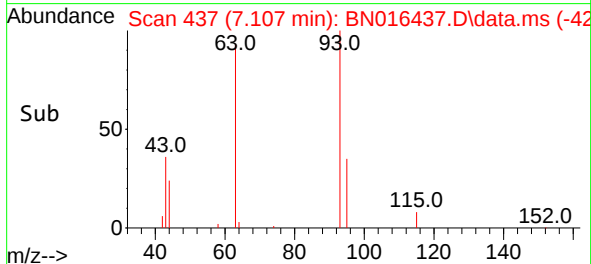
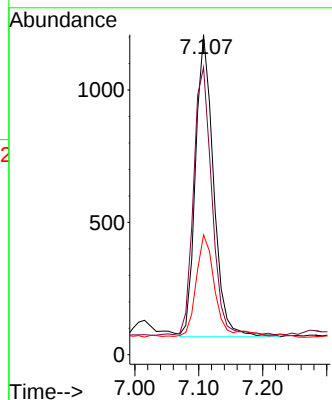
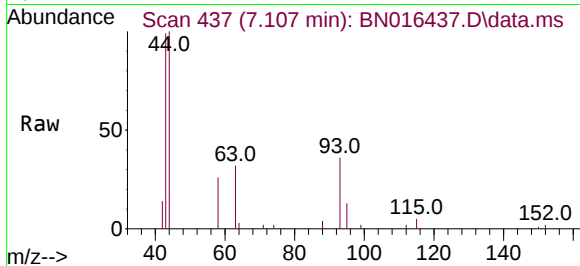




#6
bis(2-Chloroethyl)ether
Concen: 0.037 ng
RT: 7.107 min Scan# 437
Delta R.T. -0.000 min
Lab File: BN016437.D
Acq: 24 Sep 2021 12:58

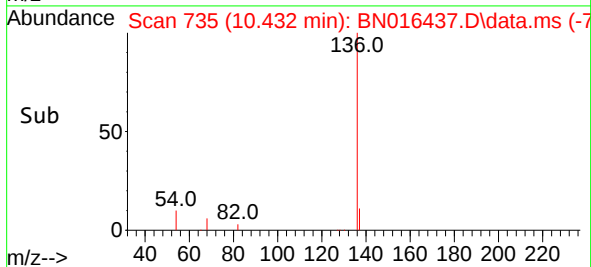
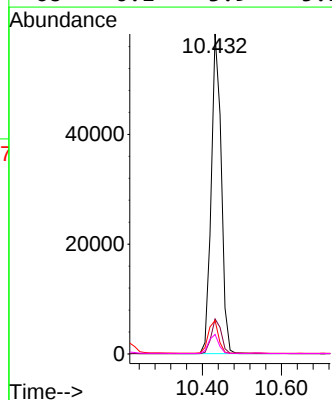
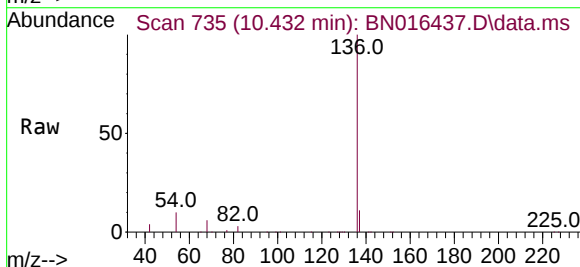
Instrument :
BNA_N
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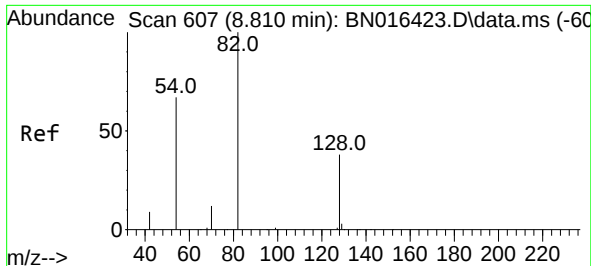
Tgt Ion:	93	Resp:	2234
Ion	Ratio	Lower	Upper
93	100		
63	90.6	63.4	95.0
95	33.1	26.8	40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016437.D
Acq: 24 Sep 2021 12:58

Tgt Ion:	136	Resp:	102602
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.4	5.3	7.9#
68	6.1	3.9	5.9#

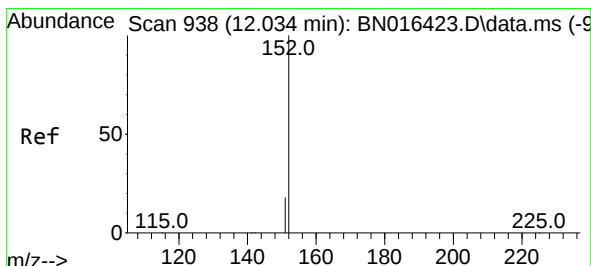
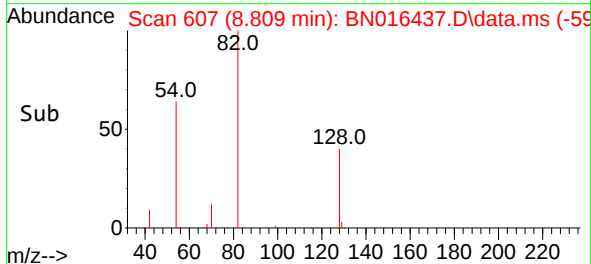
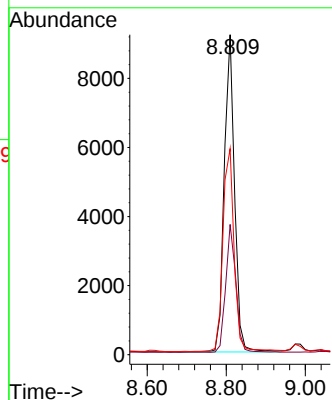
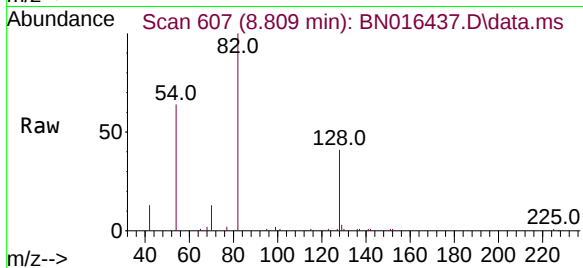




#8
Nitrobenzene-d5
Concen: 0.229 ng
RT: 8.809 min Scan# 607
Delta R.T. -0.000 min
Lab File: BN016437.D
Acq: 24 Sep 2021 12:58

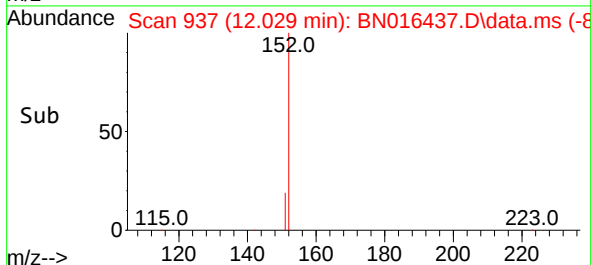
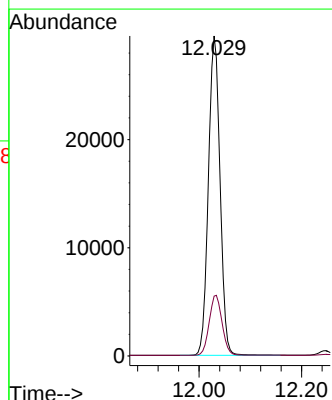
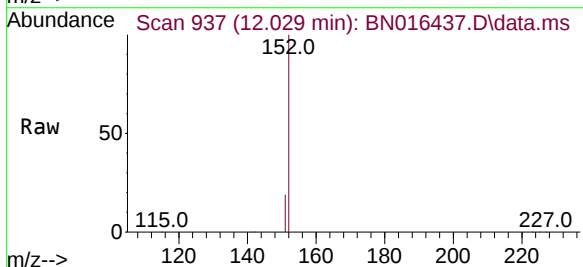
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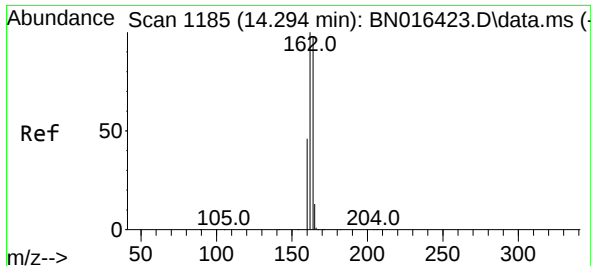
Tgt Ion: 82 Resp: 16605
Ion Ratio Lower Upper
82 100
128 40.7 31.7 47.5
54 64.4 46.4 69.6



#11
2-Methylnaphthalene-d10
Concen: 0.305 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.005 min
Lab File: BN016437.D
Acq: 24 Sep 2021 12:58

Tgt Ion: 152 Resp: 46415
Ion Ratio Lower Upper
152 100
151 20.8 16.1 24.1

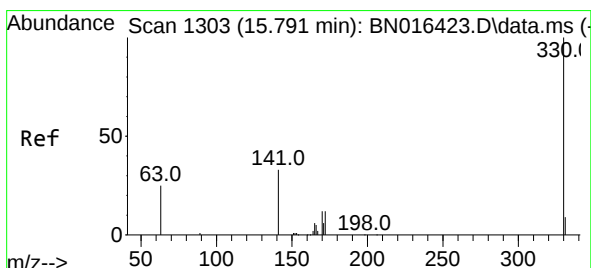
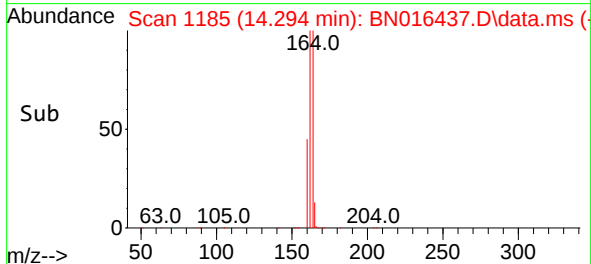
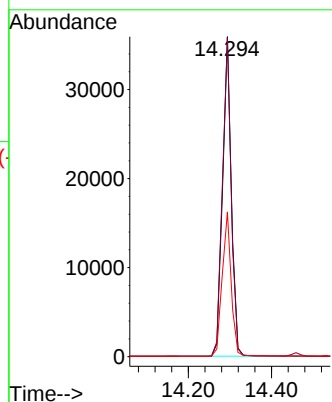
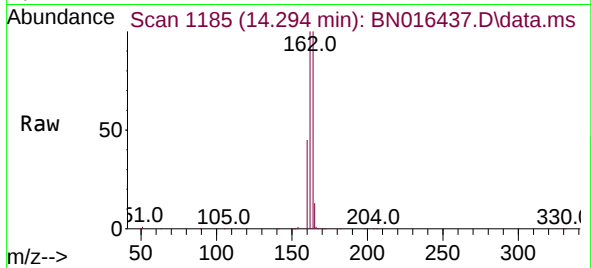




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN016437.D
Acq: 24 Sep 2021 12:58

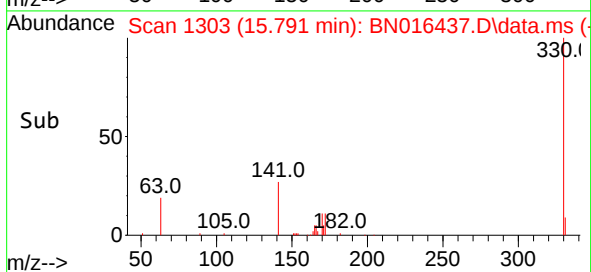
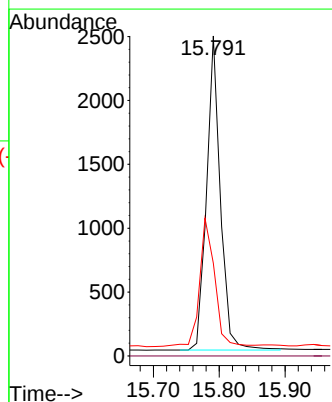
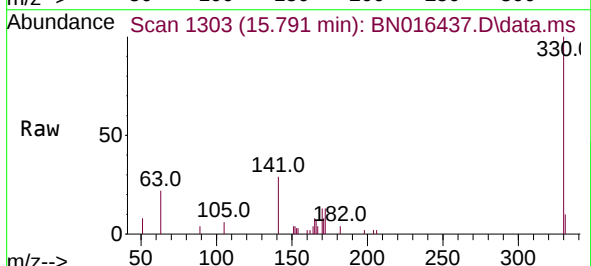
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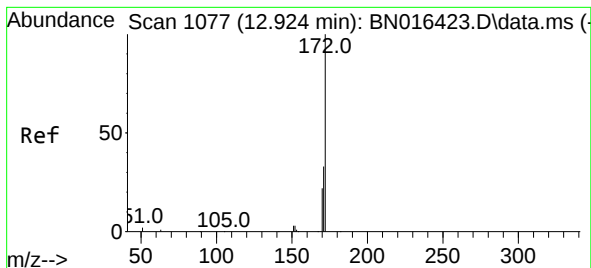
Tgt Ion:164 Resp: 52370
Ion Ratio Lower Upper
164 100
162 99.7 79.0 118.4
160 45.3 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.308 ng
RT: 15.791 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BN016437.D
Acq: 24 Sep 2021 12:58

Tgt Ion:330 Resp: 3582
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 44.1 25.0 37.4#

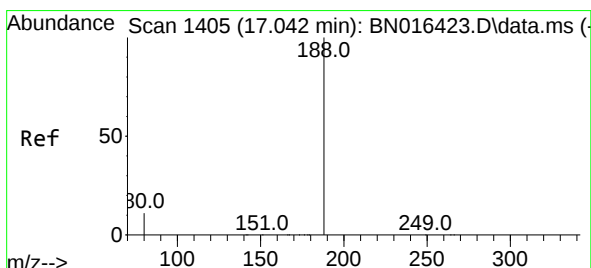
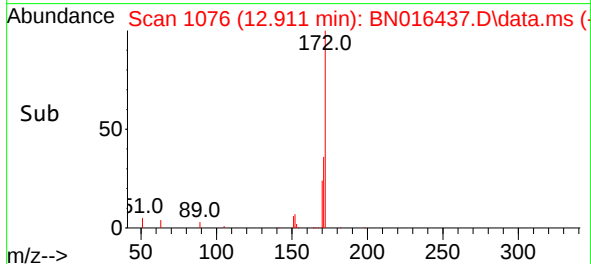
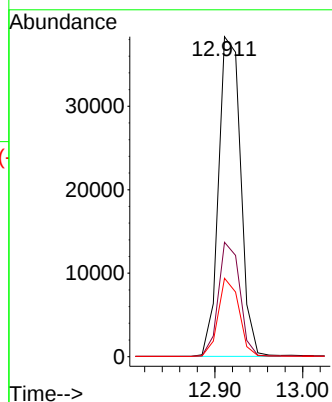
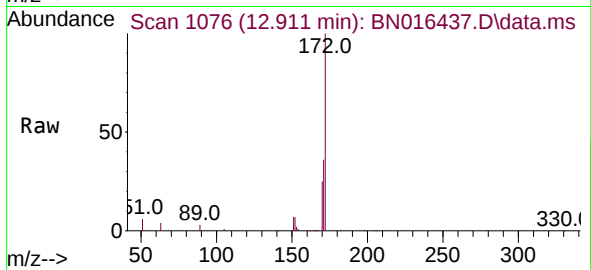




#15
2-Fluorobiphenyl
Concen: 0.305 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016437.D
Acq: 24 Sep 2021 12:58

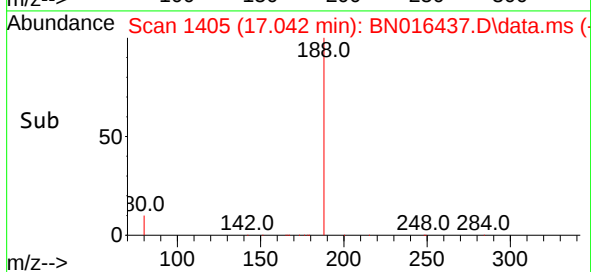
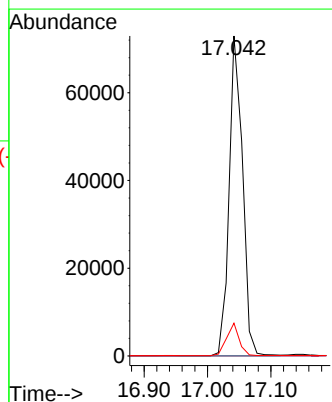
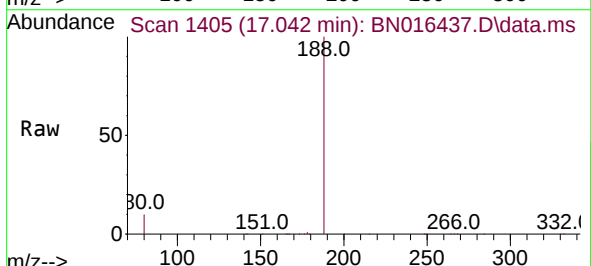
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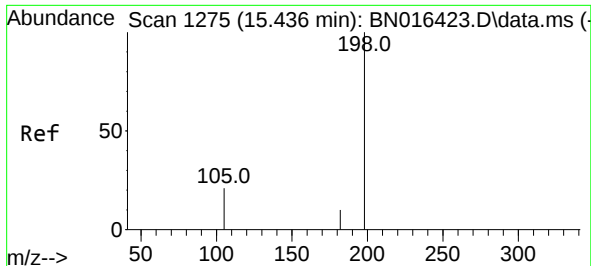
Tgt Ion:172 Resp: 67070
Ion Ratio Lower Upper
172 100
171 35.7 27.8 41.6
170 24.5 18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016437.D
Acq: 24 Sep 2021 12:58

Tgt Ion:188 Resp: 106598
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 7.0 10.6

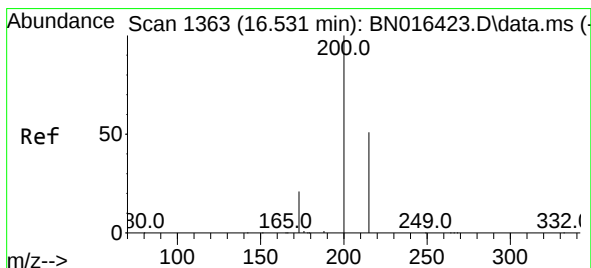
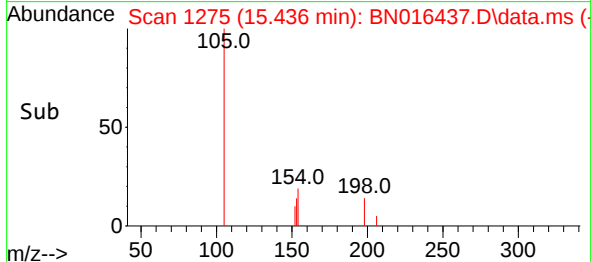
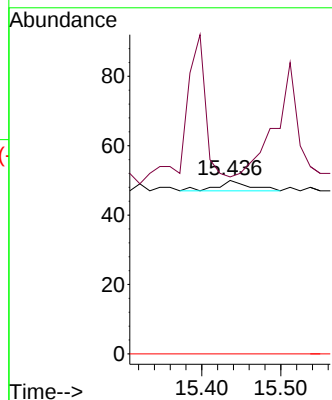
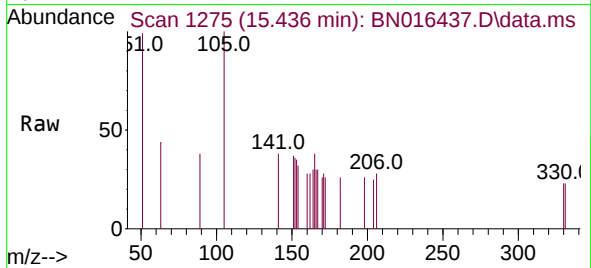




#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BN016437.D
Acq: 24 Sep 2021 12:58

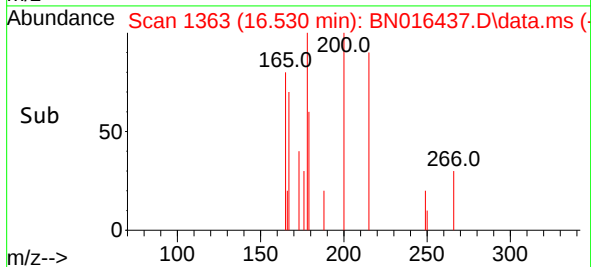
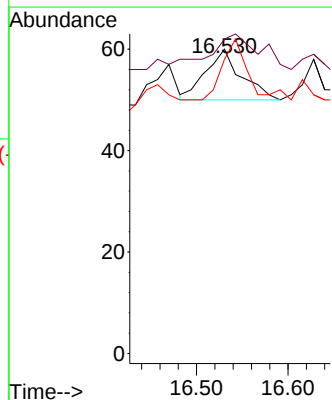
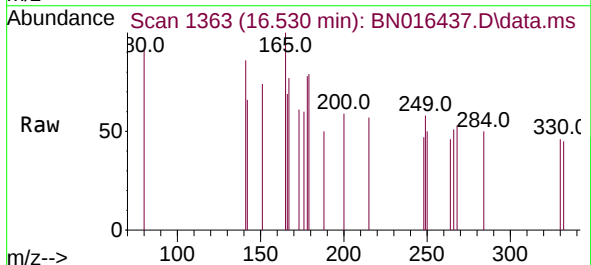
Instrument :
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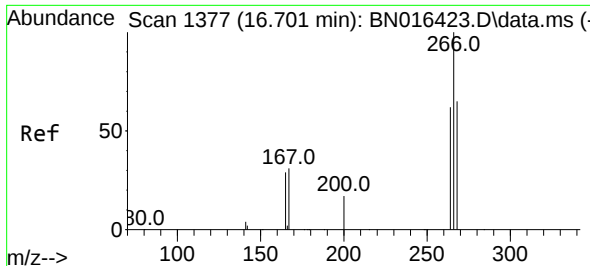
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
182 102.0 26.6 39.8#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.136 ng
RT: 16.530 min Scan# 1363
Delta R.T. -0.001 min
Lab File: BN016437.D
Acq: 24 Sep 2021 12:58

Tgt Ion:200 Resp: 27
Ion Ratio Lower Upper
200 100
173 103.3 18.7 28.1#
215 96.7 41.6 62.4#

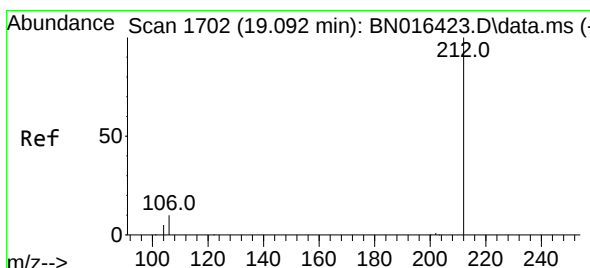
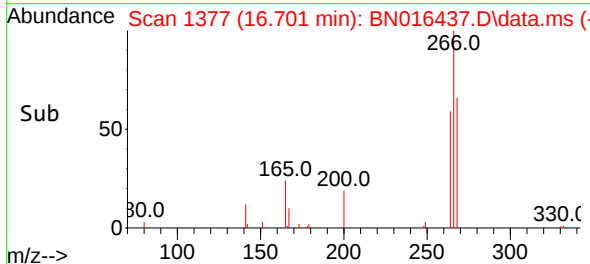
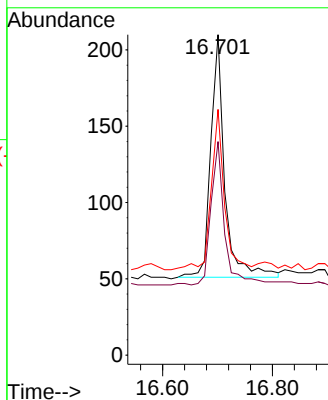
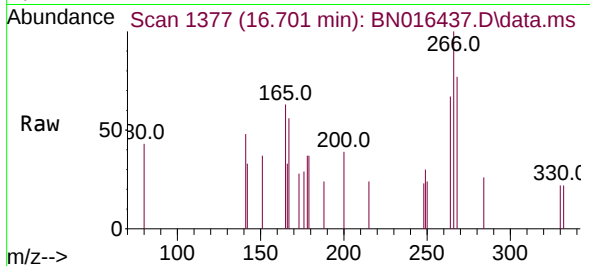




#24
 Pentachlorophenol
 Concen: 0.253 ng
 RT: 16.701 min Scan# 1377
 Delta R.T. -0.000 min
 Lab File: BN016437.D
 Acq: 24 Sep 2021 12:58

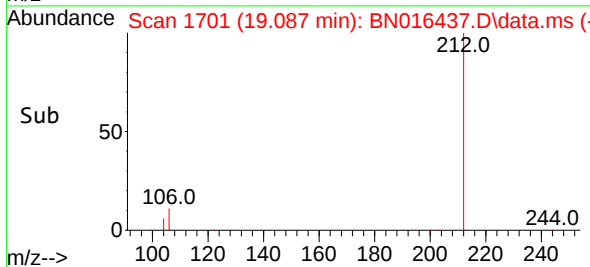
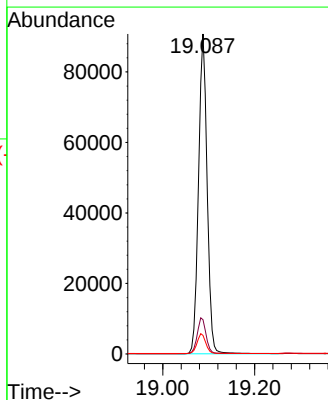
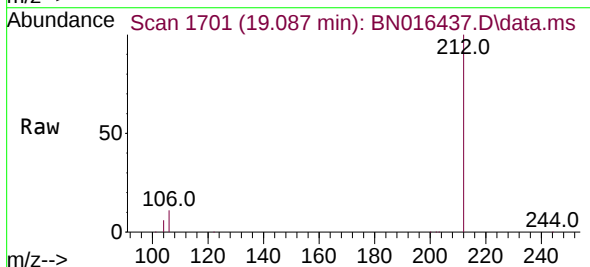
Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20210915

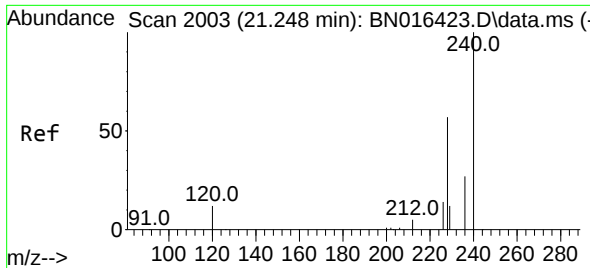
Tgt Ion:	266	Resp:	280
Ion	Ratio	Lower	Upper
266	100		
264	57.1	50.6	75.8
268	58.6	52.6	79.0



#27
 Fluoranthene-d10
 Concen: 0.403 ng
 RT: 19.087 min Scan# 1701
 Delta R.T. -0.005 min
 Lab File: BN016437.D
 Acq: 24 Sep 2021 12:58

Tgt Ion:	212	Resp:	117977
Ion	Ratio	Lower	Upper
212	100		
106	11.4	9.8	14.6
104	6.3	5.4	8.2

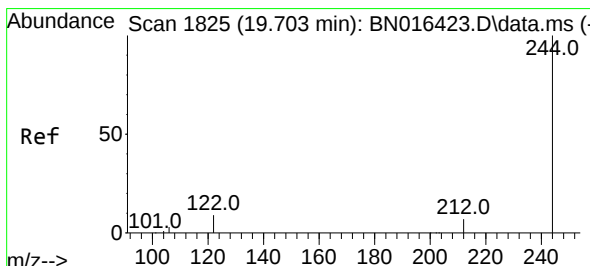
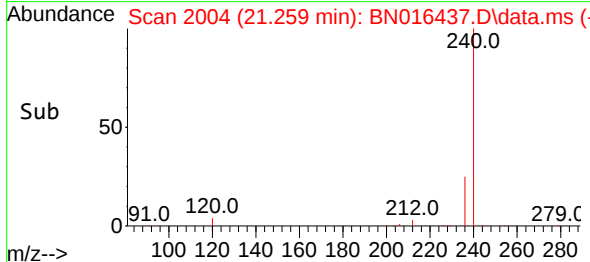
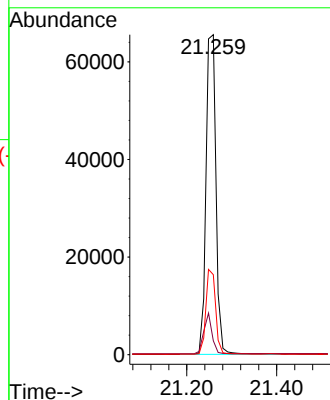
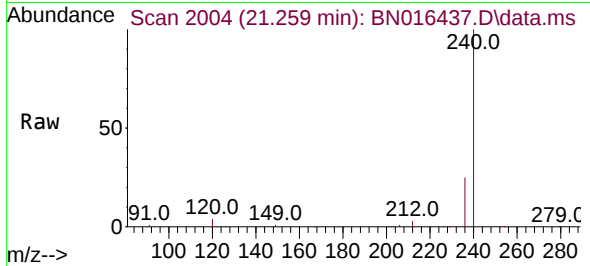




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.011 min
Lab File: BN016437.D
Acq: 24 Sep 2021 12:58

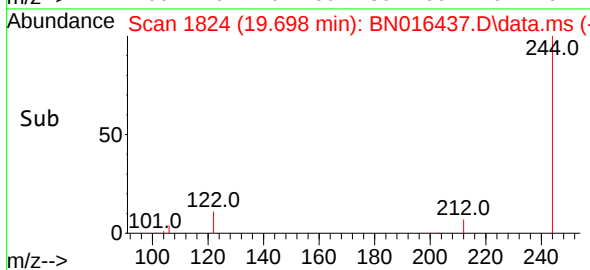
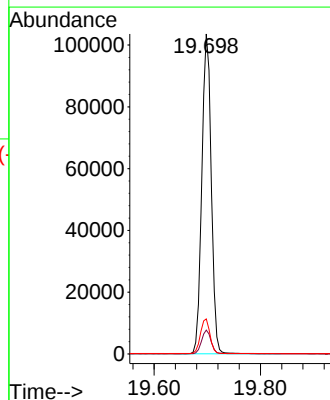
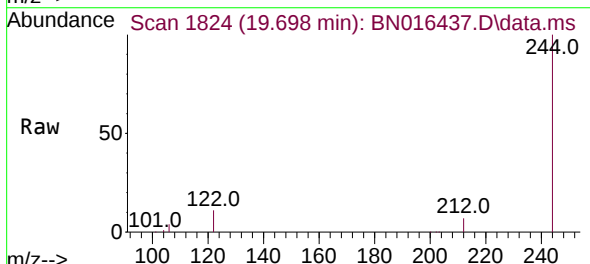
Instrument :
BNA_N
ClientSampleId :
DUP05-20210915

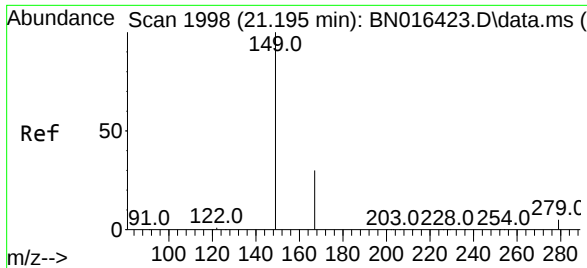
Tgt Ion:240 Resp: 100344
Ion Ratio Lower Upper
240 100
120 4.4 5.3 7.9#
236 25.0 19.8 29.8



#31
Terphenyl-d14
Concen: 0.545 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016437.D
Acq: 24 Sep 2021 12:58

Tgt Ion:244 Resp: 127220
Ion Ratio Lower Upper
244 100
212 7.4 5.5 8.3
122 11.0 9.0 13.4

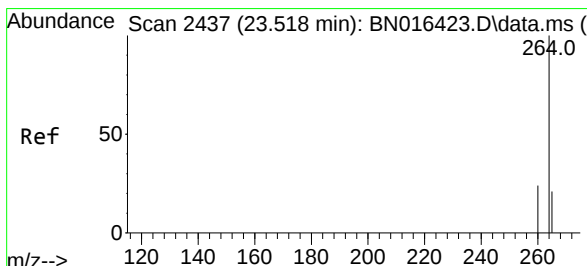
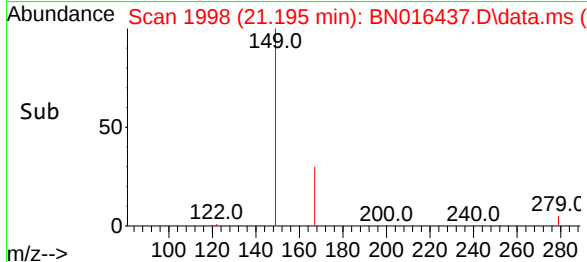
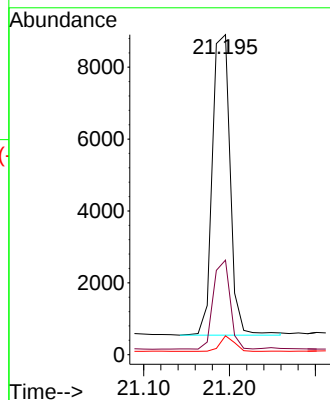
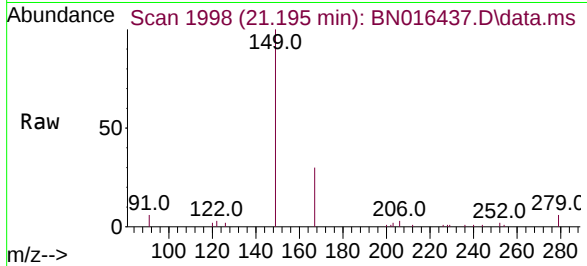




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.152 ng
RT: 21.195 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN016437.D
Acq: 24 Sep 2021 12:58

Instrument :
BNA_N
ClientSampleId :
DUP05-20210915

Tgt Ion:	149	Resp:	12081
Ion Ratio	Lower	Upper	
149	100		
167	28.0	23.4	35.0
279	4.1	3.9	5.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.518 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BN016437.D
Acq: 24 Sep 2021 12:58

Tgt Ion:	264	Resp:	75932
Ion Ratio	Lower	Upper	
264	100		
260	24.6	18.9	28.3
265	24.6	23.7	35.5

