

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016470.D
 Acq On : 25 Sep 2021 12:05
 Operator : CG/JU
 Sample : M3782-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 04:14:18 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)

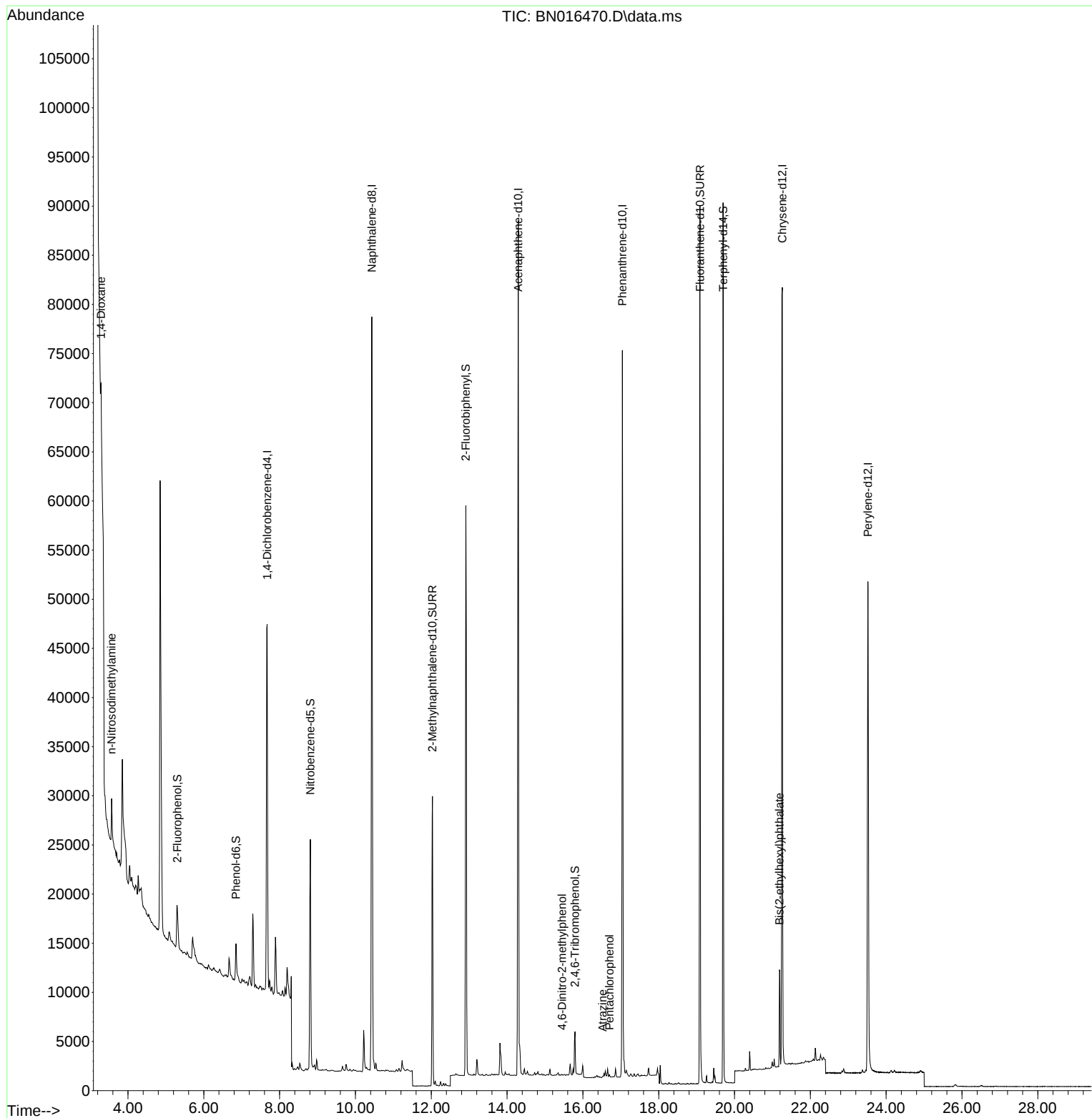
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	23057	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	97941	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	48665	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	98223	0.400	ng	0.00
29) Chrysene-d12	21.259	240	86832	0.400	ng	# 0.01
35) Perylene-d12	23.519	264	69178	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	5505	0.106	ng	0.02
5) Phenol-d6	6.849	99	3494	0.057	ng	0.00
8) Nitrobenzene-d5	8.810	82	18526	0.267	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	39407	0.271	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3341	0.309	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	53094	0.260	ng	-0.01
27) Fluoranthene-d10	19.088	212	104032	0.386	ng	0.00
31) Terphenyl-d14	19.698	244	86929	0.431	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.290	88	3593	0.364	ng	# 85
3) n-Nitrosodimethylamine	3.567	42	989	0.042	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.449	198	4	0.148	ng	# 1
23) Atrazine	16.518	200	47	0.136	ng	# 27
24) Pentachlorophenol	16.701	266	101	0.248	ng	98
34) Bis(2-ethylhexyl)phtha...	21.185	149	10681	0.156	ng	97

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

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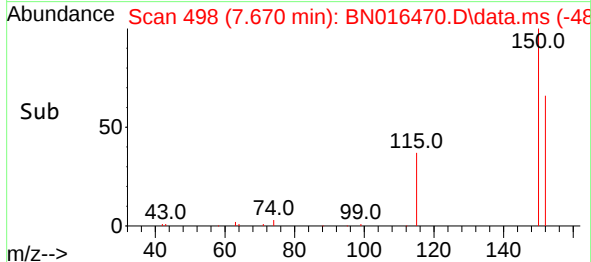
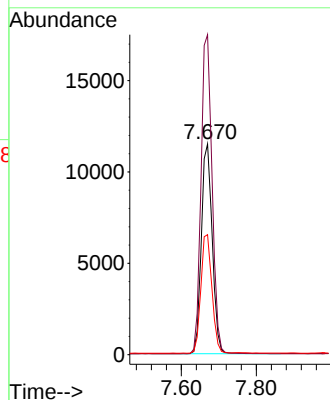
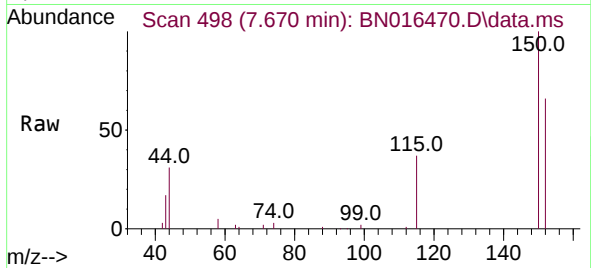




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. -0.000 min
 Lab File: BN016470.D
 Acq: 25 Sep 2021 12:05

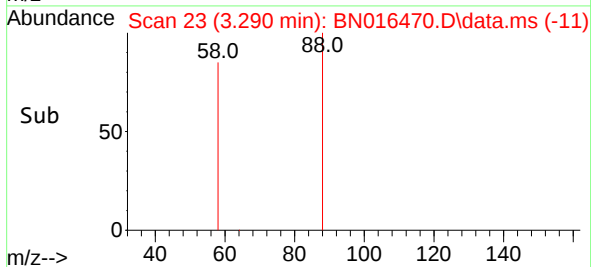
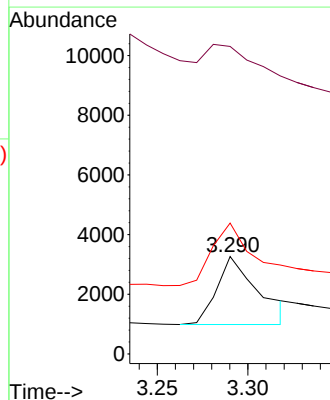
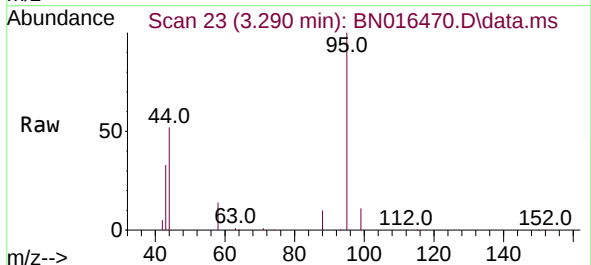
Instrument :
 BNA_N
 ClientSampleId :

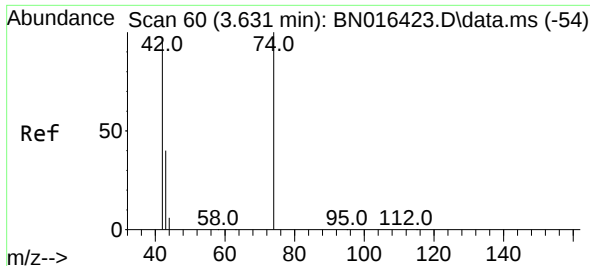
Tgt Ion:152 Resp: 23057
 Ion Ratio Lower Upper
 152 100
 150 151.8 125.6 188.4
 115 56.9 50.2 75.2



#2
 1,4-Dioxane
 Concen: 0.364 ng
 RT: 3.290 min Scan# 23
 Delta R.T. 0.009 min
 Lab File: BN016470.D
 Acq: 25 Sep 2021 12:05

Tgt Ion: 88 Resp: 3593
 Ion Ratio Lower Upper
 88 100
 43 44.3 20.3 30.5#
 58 95.9 69.9 104.9

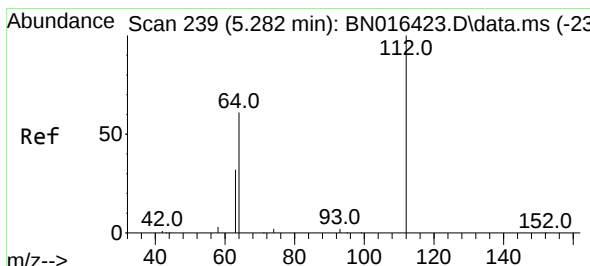
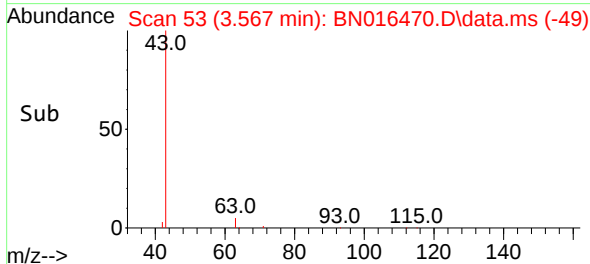
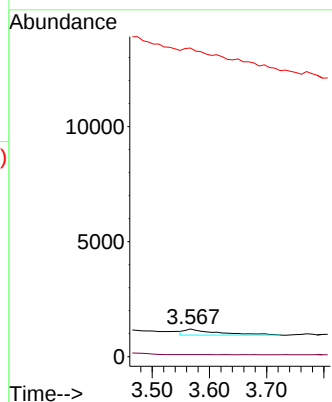
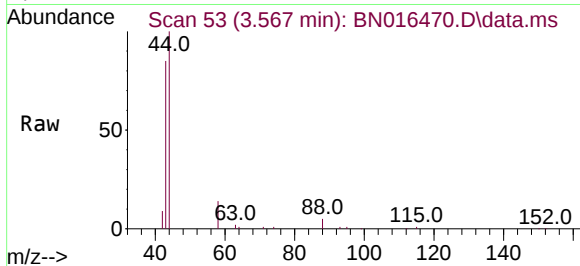




#3
n-Nitrosodimethylamine
Concen: 0.042 ng
RT: 3.567 min Scan# 53
Delta R.T. -0.064 min
Lab File: BN016470.D
Acq: 25 Sep 2021 12:05

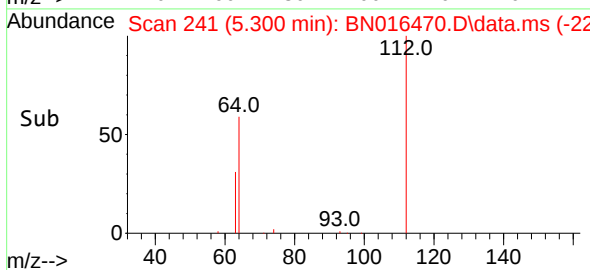
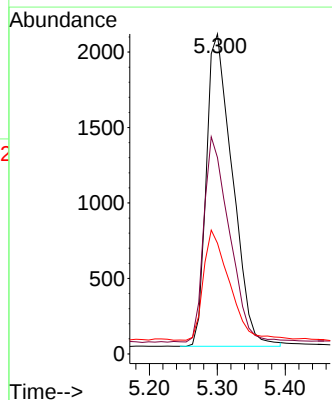
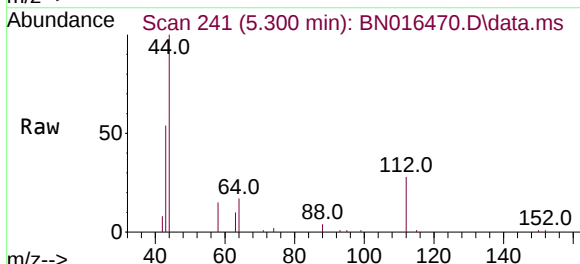
Instrument :
BNA_N
ClientSampleId :

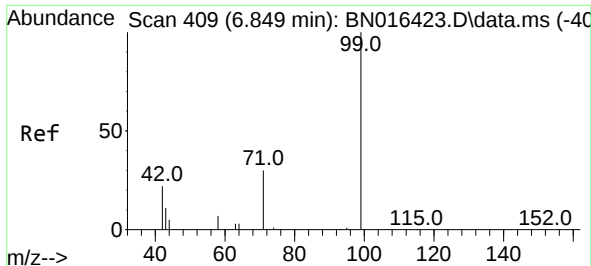
Tgt Ion: 42 Resp: 989
Ion Ratio Lower Upper
42 100
74 0.0 113.6 170.4#
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.106 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016470.D
Acq: 25 Sep 2021 12:05

Tgt Ion: 112 Resp: 5505
Ion Ratio Lower Upper
112 100
64 64.3 47.3 70.9
63 35.1 23.4 35.0#

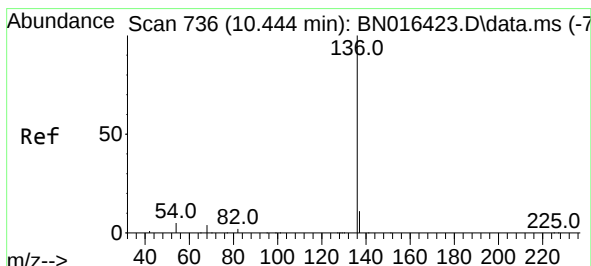
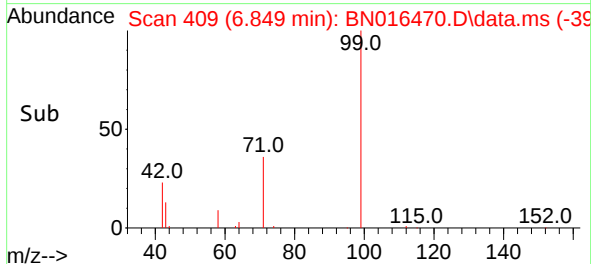
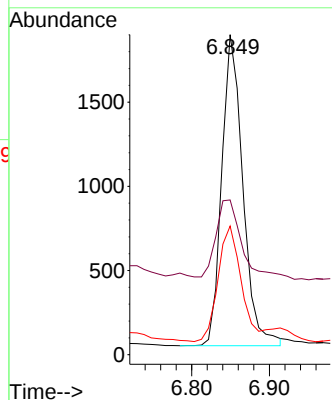
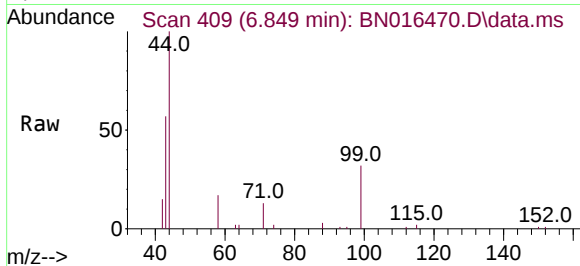




#5
Phenol-d6
Concen: 0.057 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016470.D
Acq: 25 Sep 2021 12:05

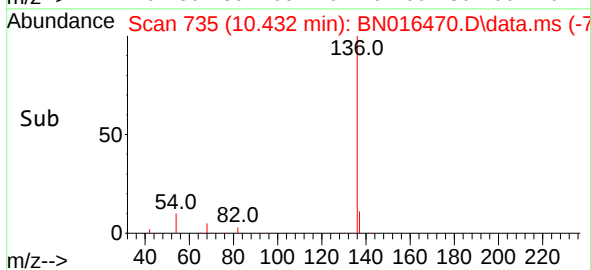
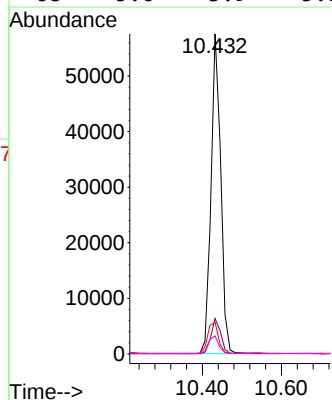
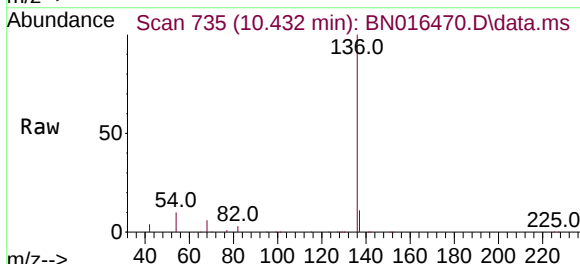
Instrument :
BNA_N
ClientSampleId :

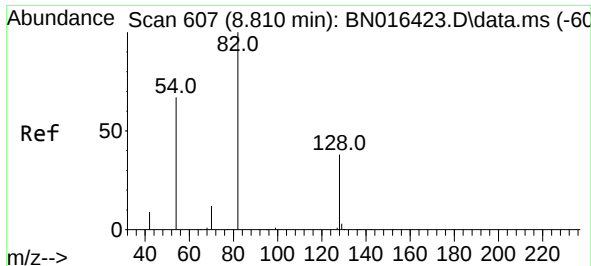
Tgt Ion: 99 Resp: 3494
Ion Ratio Lower Upper
99 100
42 28.5 14.0 21.0#
71 41.6 23.8 35.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016470.D
Acq: 25 Sep 2021 12:05

Tgt Ion: 136 Resp: 97941
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.9 5.3 7.9#
68 5.6 3.9 5.9

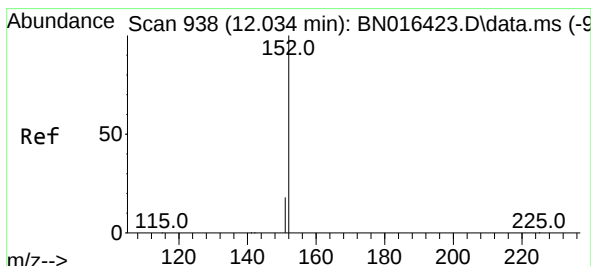
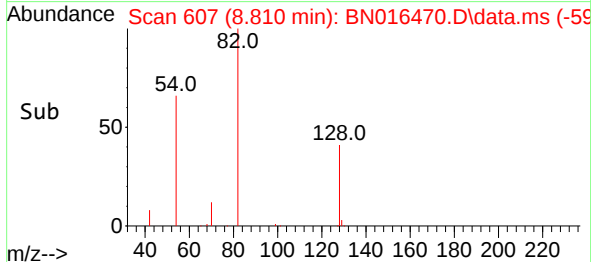
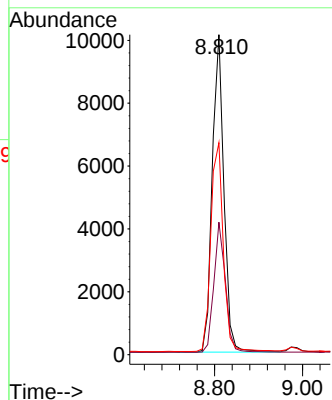
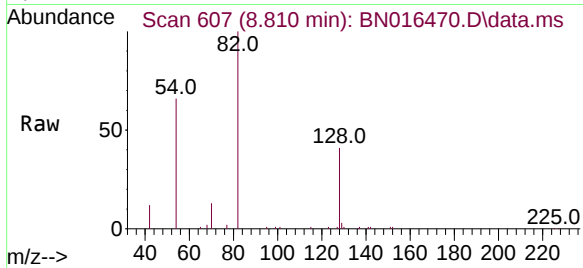




#8
Nitrobenzene-d5
Concen: 0.267 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016470.D
Acq: 25 Sep 2021 12:05

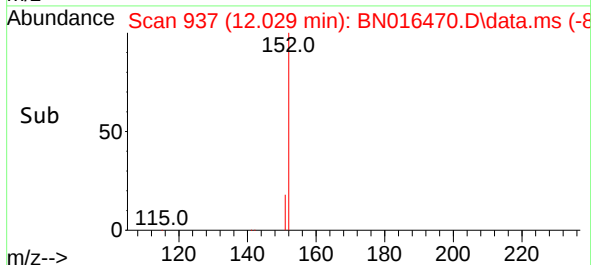
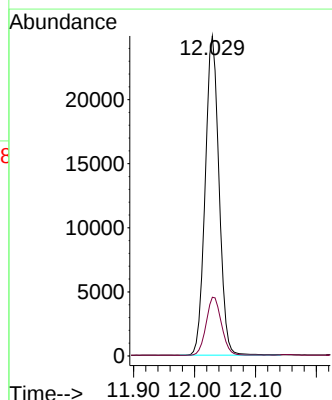
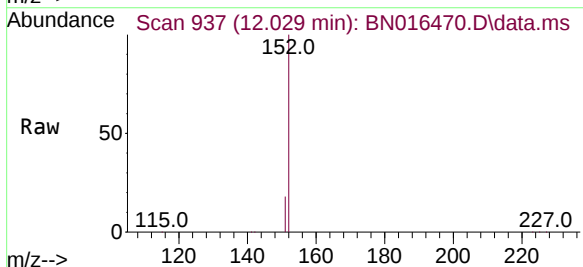
Instrument :
BNA_N
ClientSampleId :

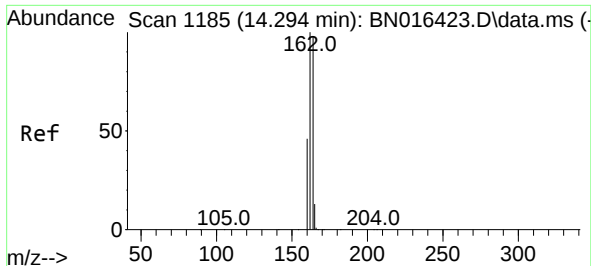
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.4	31.7	47.5
54	66.2	46.4	69.6



#11
2-Methylnaphthalene-d10
Concen: 0.271 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016470.D
Acq: 25 Sep 2021 12:05

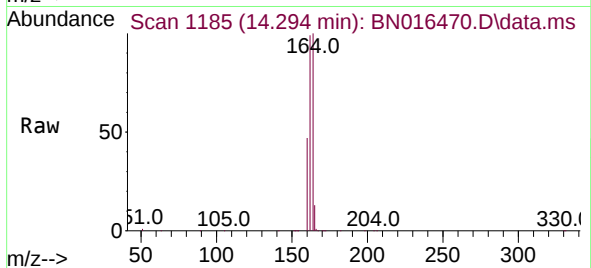
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1



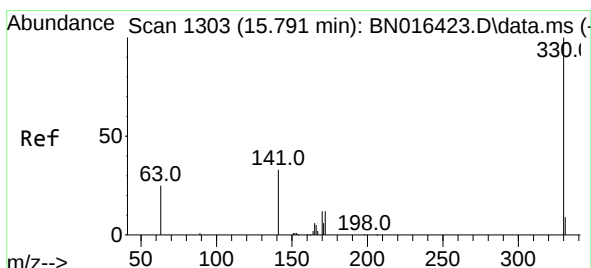
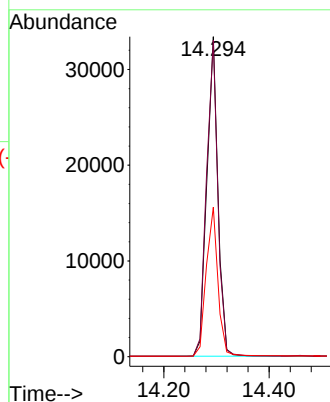
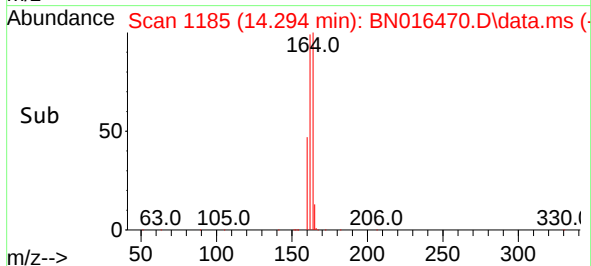


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016470.D
Acq: 25 Sep 2021 12:05

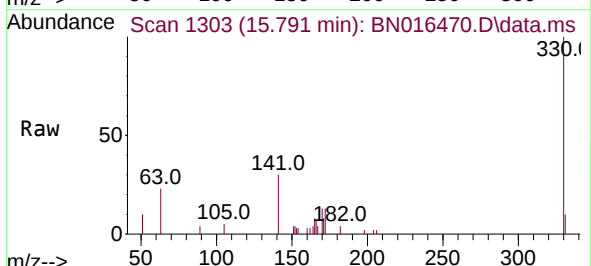
Instrument :
BNA_N
ClientSampleId :



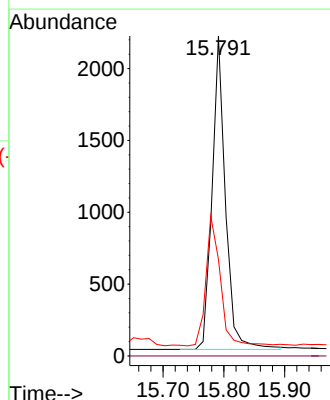
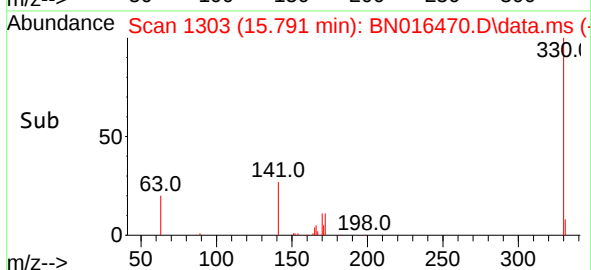
Tgt Ion:164 Resp: 48665
Ion Ratio Lower Upper
164 100
162 98.9 79.0 118.4
160 46.7 34.1 51.1

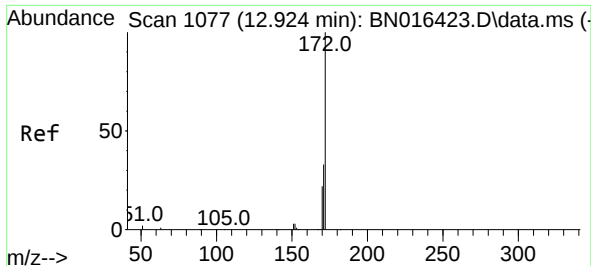


#14
2,4,6-Tribromophenol
Concen: 0.309 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016470.D
Acq: 25 Sep 2021 12:05



Tgt Ion:330 Resp: 3341
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 44.6 25.0 37.4#

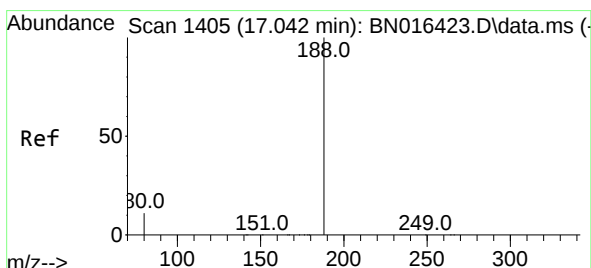
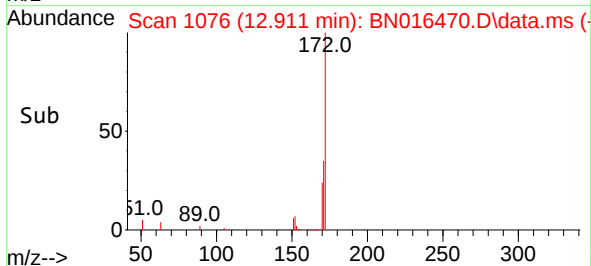
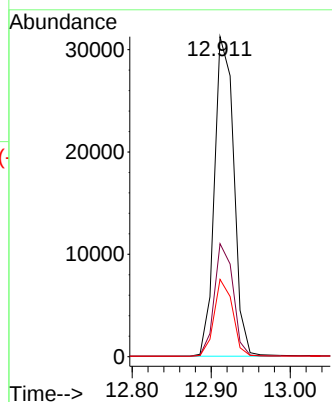
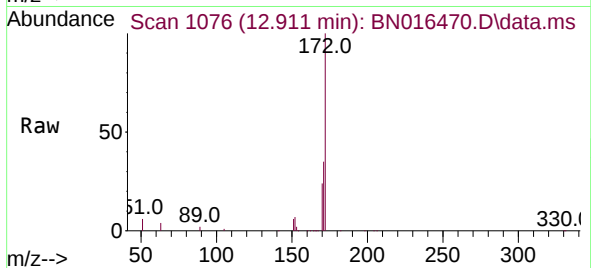




#15
2-Fluorobiphenyl
Concen: 0.260 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016470.D
Acq: 25 Sep 2021 12:05

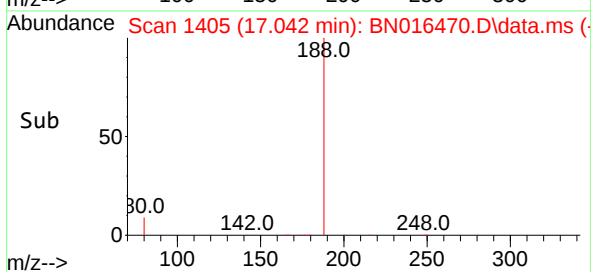
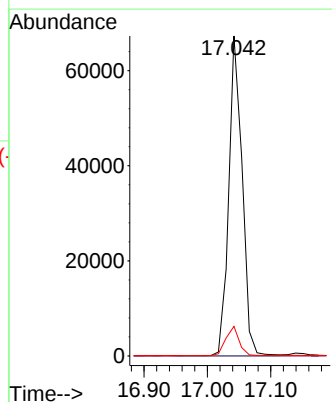
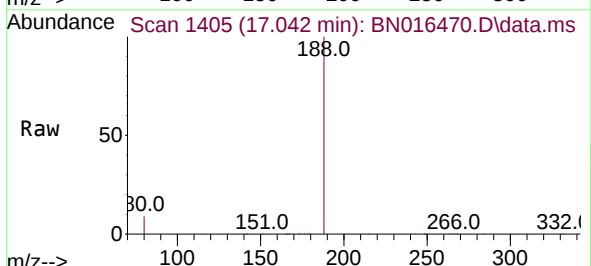
Instrument :
BNA_N
ClientSampleId :

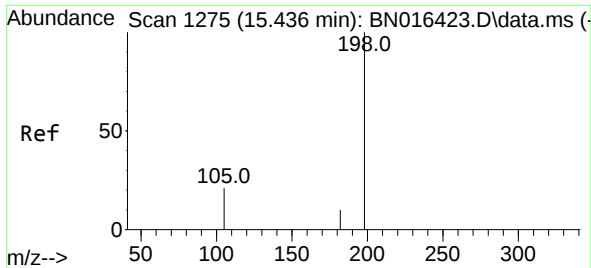
Tgt Ion:172	Resp:	53094
Ion Ratio	Lower	Upper
172	100	
171	35.3	27.8 41.6
170	24.1	18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016470.D
Acq: 25 Sep 2021 12:05

Tgt Ion:188	Resp:	98223
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	9.3	7.0 10.6

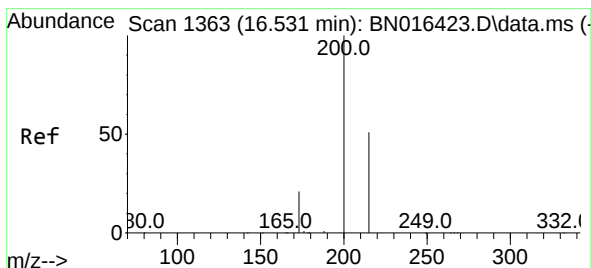
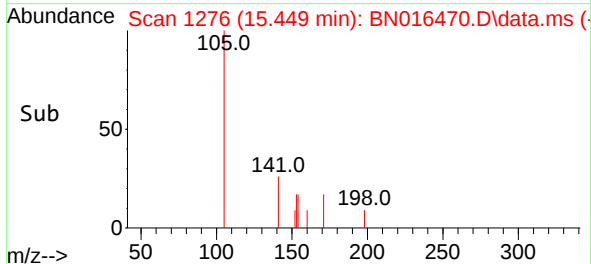
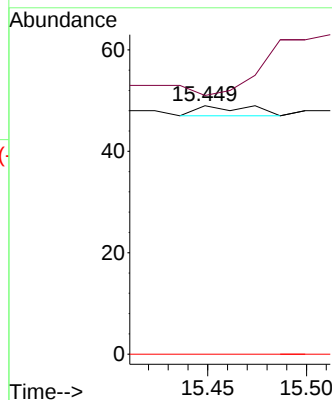
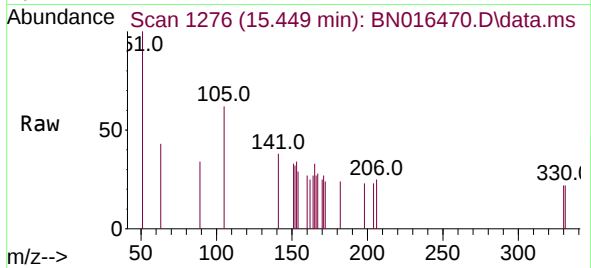




#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.449 min Scan# 1276
Delta R.T. 0.013 min
Lab File: BN016470.D
Acq: 25 Sep 2021 12:05

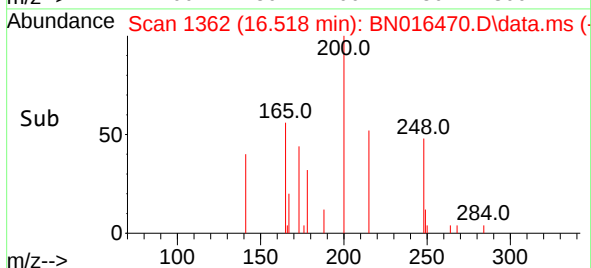
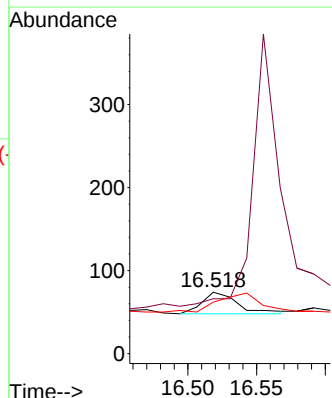
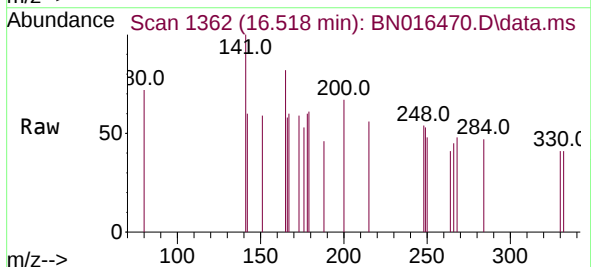
Instrument :
BNA_N
ClientSampled :

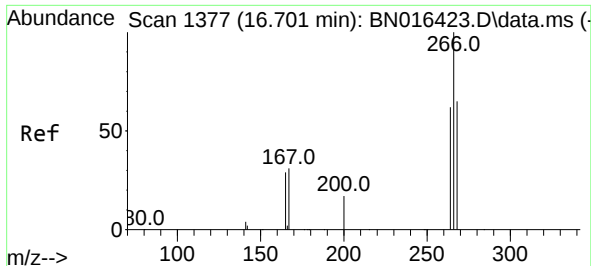
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 104.1 26.6 39.8#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.136 ng
RT: 16.518 min Scan# 1362
Delta R.T. -0.013 min
Lab File: BN016470.D
Acq: 25 Sep 2021 12:05

Tgt Ion:200 Resp: 47
Ion Ratio Lower Upper
200 100
173 89.2 18.7 28.1#
215 83.8 41.6 62.4#

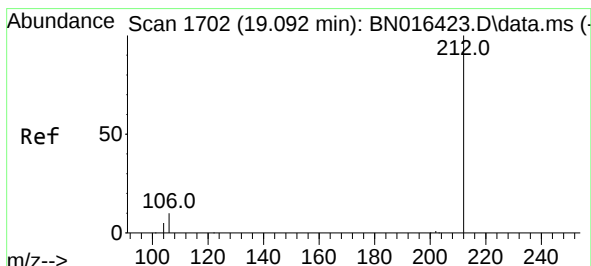
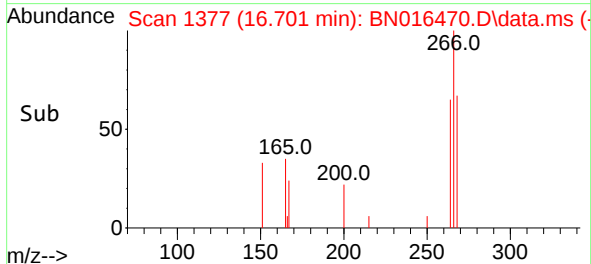
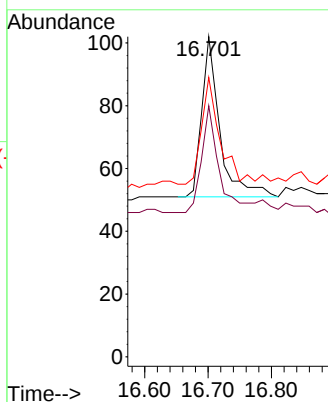
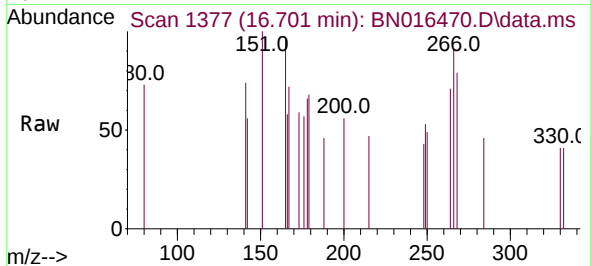




#24
Pentachlorophenol
Concen: 0.248 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016470.D
Acq: 25 Sep 2021 12:05

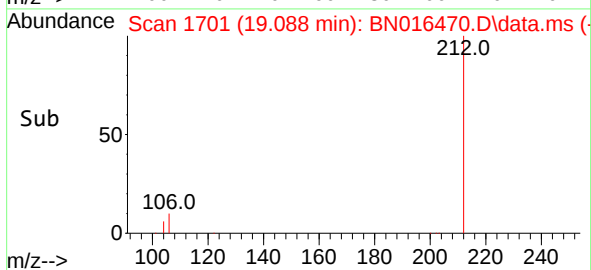
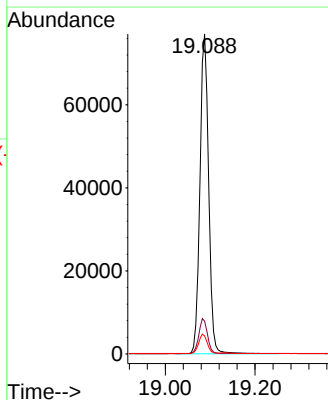
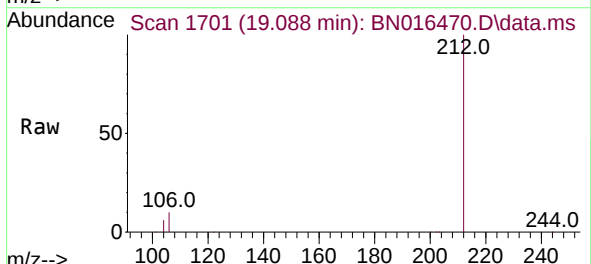
Instrument :
BNA_N
ClientSampleId :

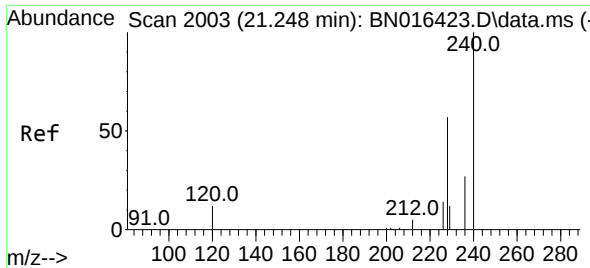
Tgt Ion:	266	Resp:	101
Ion	Ratio	Lower	Upper
266	100		
264	63.4	50.6	75.8
268	68.3	52.6	79.0



#27
Fluoranthene-d10
Concen: 0.386 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016470.D
Acq: 25 Sep 2021 12:05

Tgt Ion:	212	Resp:	104032
Ion	Ratio	Lower	Upper
212	100		
106	10.9	9.8	14.6
104	6.0	5.4	8.2

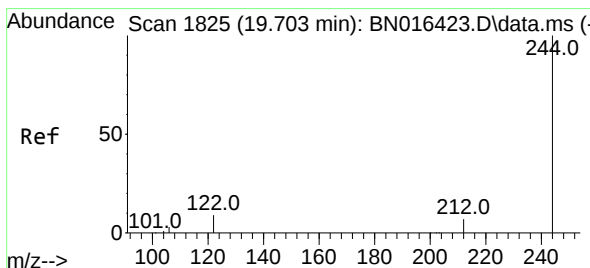
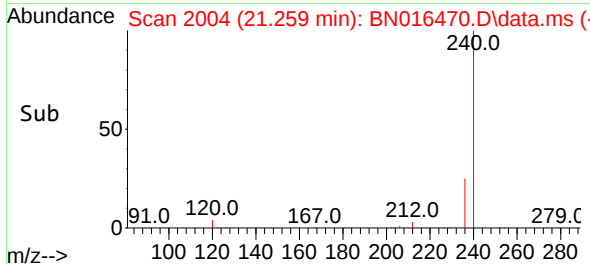
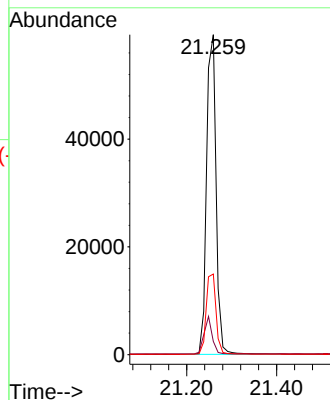
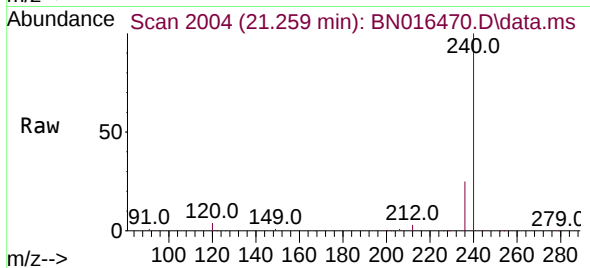




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.011 min
Lab File: BN016470.D
Acq: 25 Sep 2021 12:05

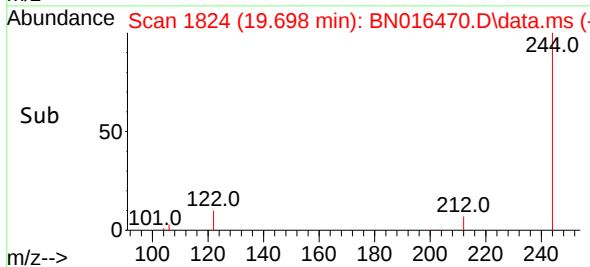
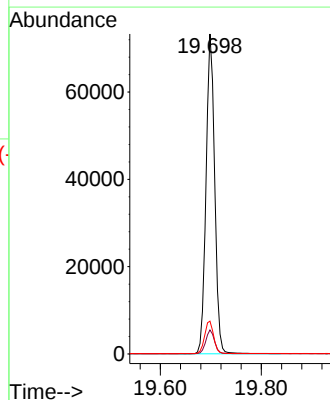
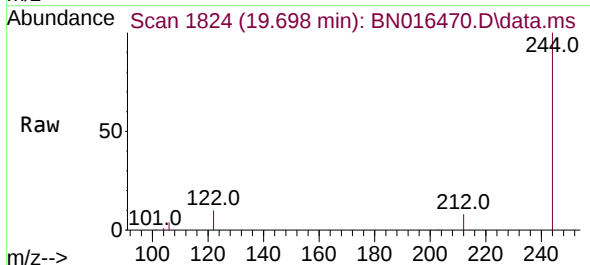
Instrument :
BNA_N
ClientSampleId :

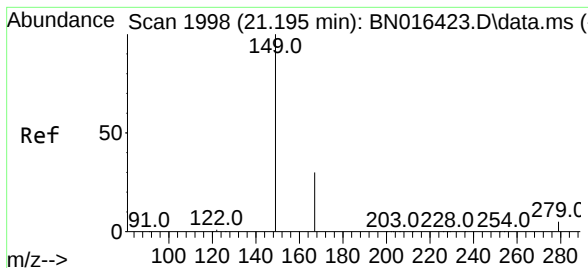
Tgt Ion:240 Resp: 86832
Ion Ratio Lower Upper
240 100
120 4.2 5.3 7.9#
236 25.2 19.8 29.8



#31
Terphenyl-d14
Concen: 0.431 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016470.D
Acq: 25 Sep 2021 12:05

Tgt Ion:244 Resp: 86929
Ion Ratio Lower Upper
244 100
212 7.5 5.5 8.3
122 10.2 9.0 13.4

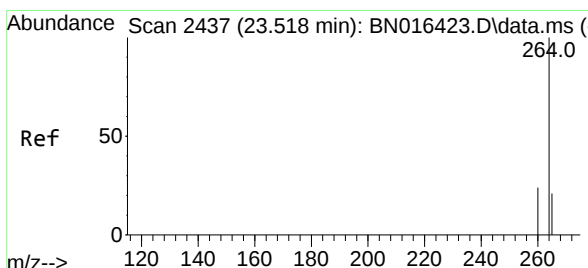
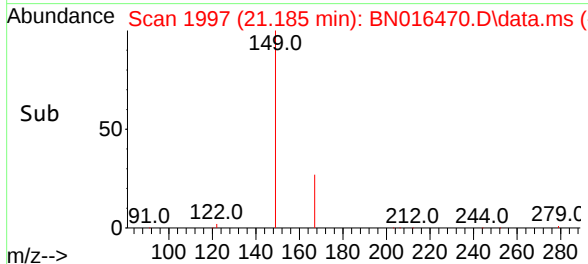
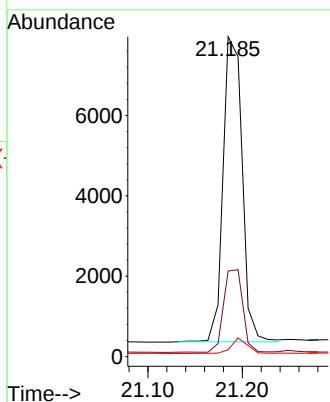
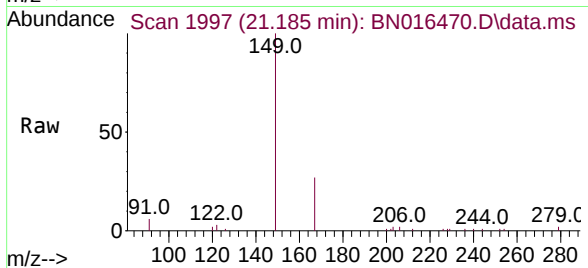




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.156 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016470.D
 Acq: 25 Sep 2021 12:05

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:	149	Resp:	10681
Ion Ratio	Lower	Upper	
149	100		
167	27.2	23.4	35.0
279	4.4	3.9	5.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.519 min Scan# 2437
 Delta R.T. 0.000 min
 Lab File: BN016470.D
 Acq: 25 Sep 2021 12:05

Tgt Ion:	264	Resp:	69178
Ion Ratio	Lower	Upper	
264	100		
260	24.6	18.9	28.3
265	23.8	23.7	35.5

