

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016483.D
 Acq On : 25 Sep 2021 19:58
 Operator : CG/JU
 Sample : M3782-04DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 04:16:02 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)

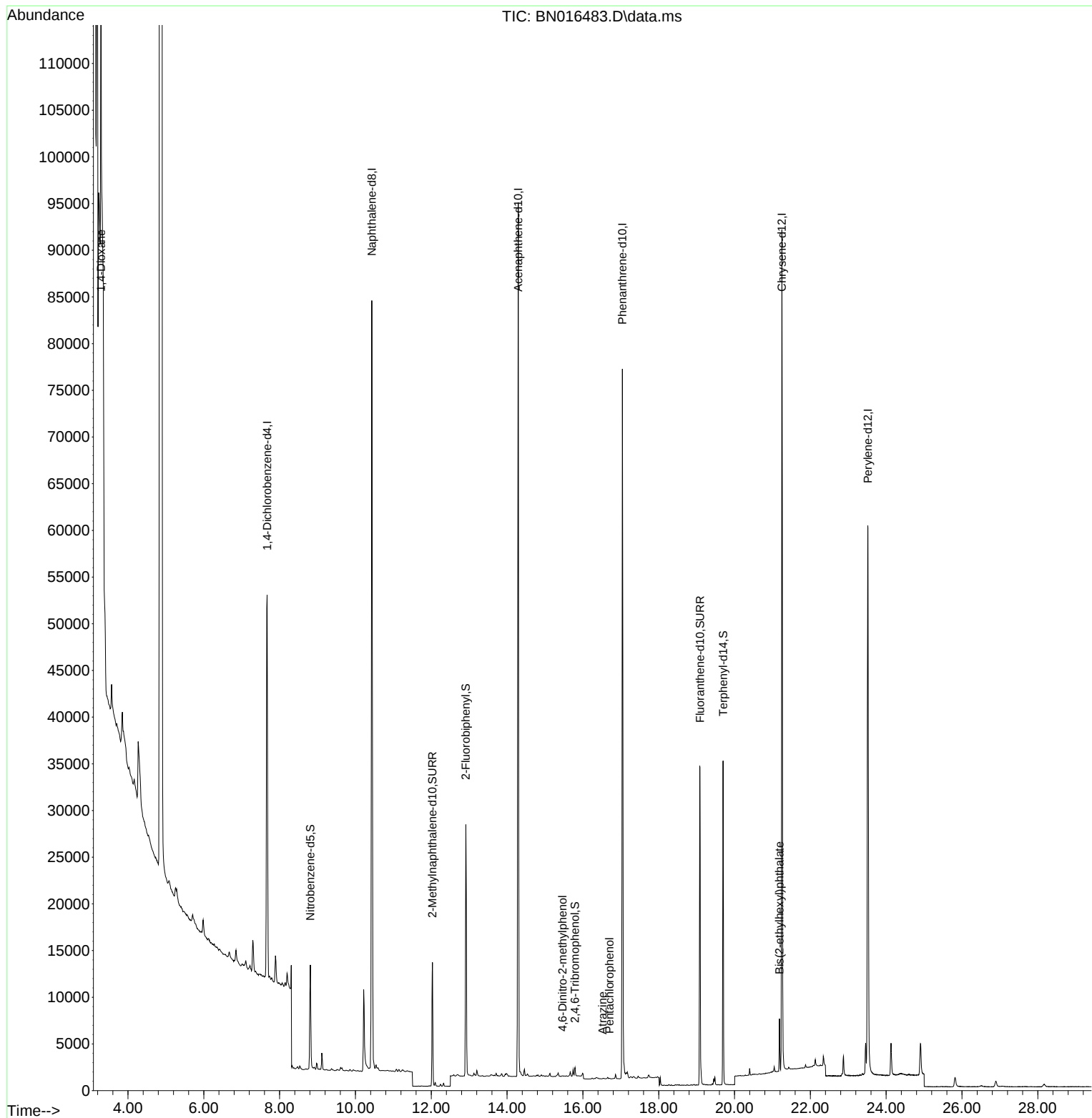
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	25110	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	106118	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	52489	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	100904	0.400	ng	0.00
29) Chrysene-d12	21.249	240	87494	0.400	ng	# 0.00
35) Perylene-d12	23.519	264	79908	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	916	0.016	ng	0.00
5) Phenol-d6	6.849	99	1292	0.019	ng	0.00
8) Nitrobenzene-d5	8.810	82	8874	0.118	ng	0.00
11) 2-Methylnaphthalene-d10	12.030	152	18070	0.115	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	754	0.162	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	24065	0.109	ng	-0.01
27) Fluoranthene-d10	19.088	212	41024	0.148	ng	0.00
31) Terphenyl-d14	19.698	244	34584	0.170	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	21972	2.042	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.461	198	10	0.148	ng	# 1
23) Atrazine	16.519	200	30	0.136	ng	# 16
24) Pentachlorophenol	16.701	266	22	0.245	ng	90
34) Bis(2-ethylhexyl)phtha...	21.185	149	4922	0.071	ng	96

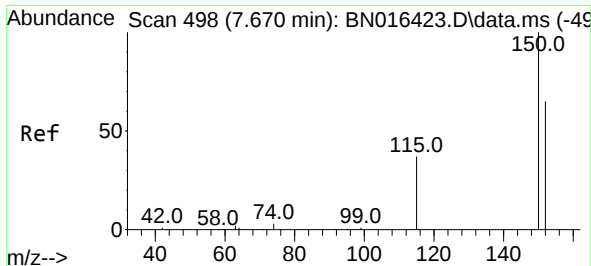
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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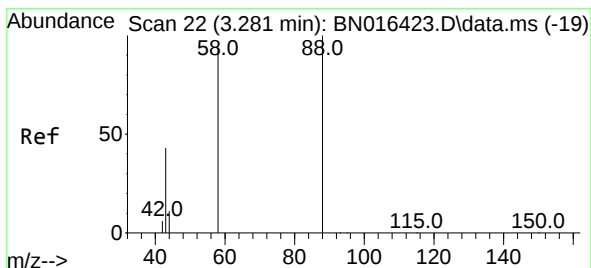
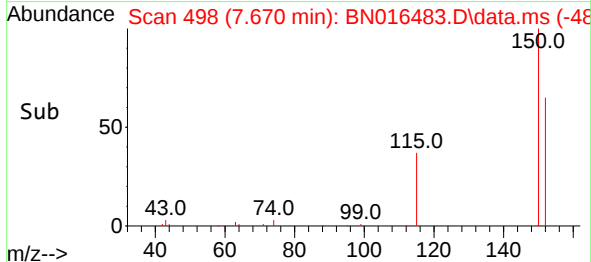
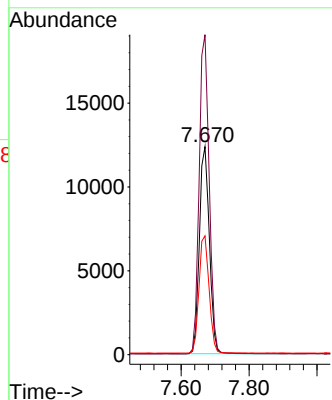
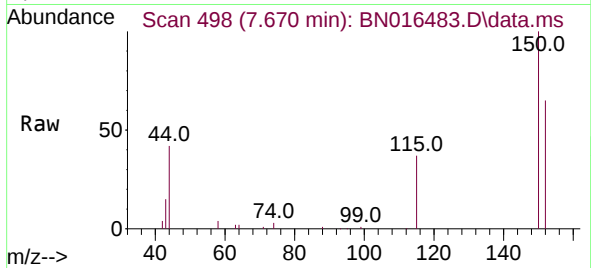




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. 0.000 min
 Lab File: BN016483.D
 Acq: 25 Sep 2021 19:58

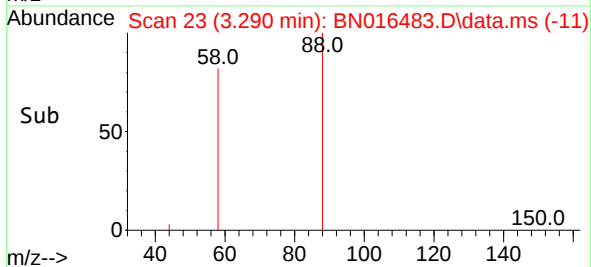
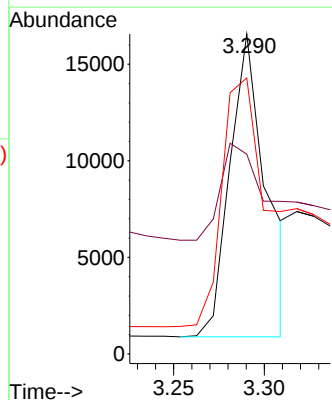
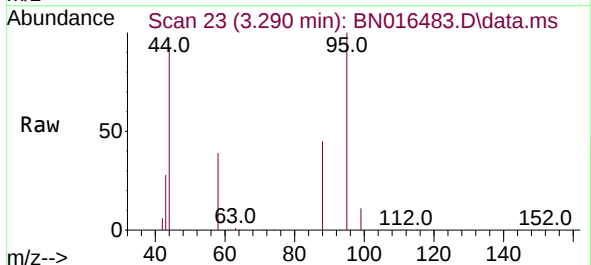
Instrument :
 BNA_N
 ClientSampled :

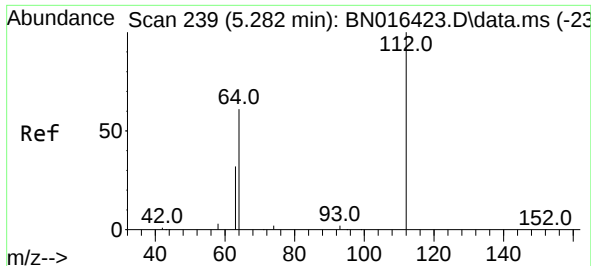
Tgt Ion:152 Resp: 25110
 Ion Ratio Lower Upper
 152 100
 150 153.9 125.6 188.4
 115 57.1 50.2 75.2



#2
 1,4-Dioxane
 Concen: 2.042 ng
 RT: 3.290 min Scan# 23
 Delta R.T. 0.010 min
 Lab File: BN016483.D
 Acq: 25 Sep 2021 19:58

Tgt Ion: 88 Resp: 21972
 Ion Ratio Lower Upper
 88 100
 43 41.7 20.3 30.5#
 58 99.3 69.9 104.9

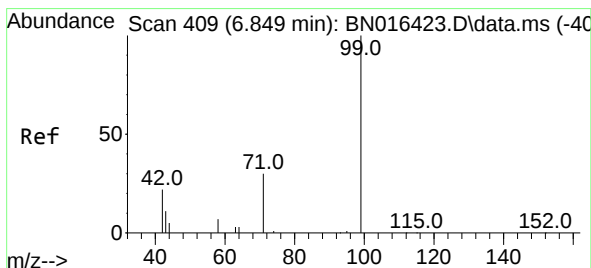
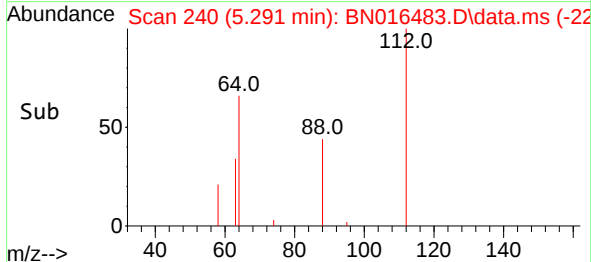
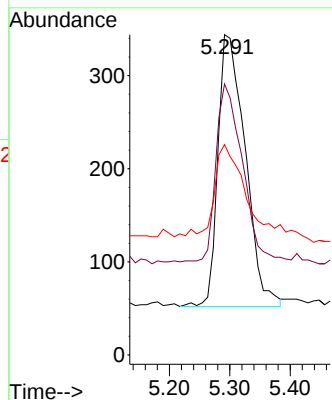
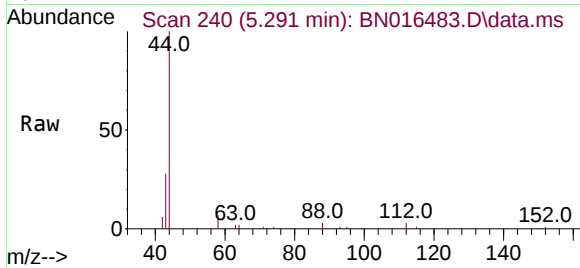




#4
2-Fluorophenol
Concen: 0.016 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.010 min
Lab File: BN016483.D
Acq: 25 Sep 2021 19:58

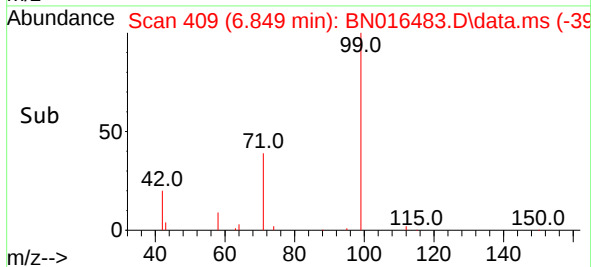
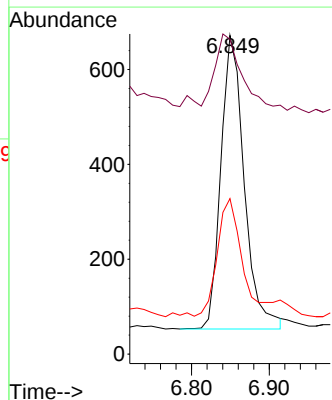
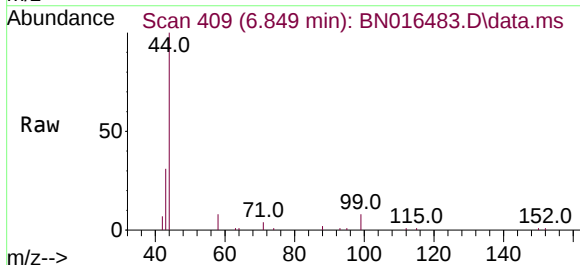
Instrument :
BNA_N
ClientSampleId :

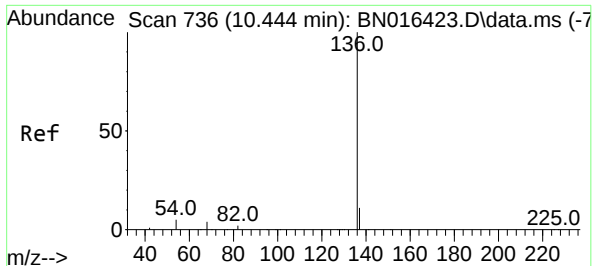
Tgt Ion:112 Resp: 916
Ion Ratio Lower Upper
112 100
64 63.1 47.3 70.9
63 37.4 23.4 35.0#



#5
Phenol-d6
Concen: 0.019 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016483.D
Acq: 25 Sep 2021 19:58

Tgt Ion: 99 Resp: 1292
Ion Ratio Lower Upper
99 100
42 26.0 14.0 21.0#
71 42.0 23.8 35.6#

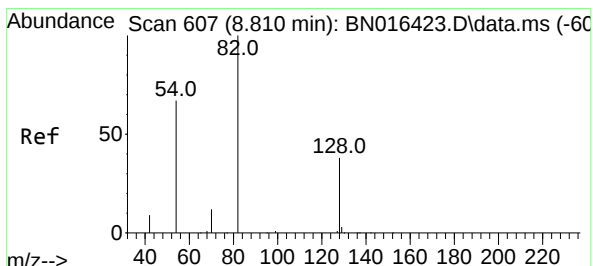
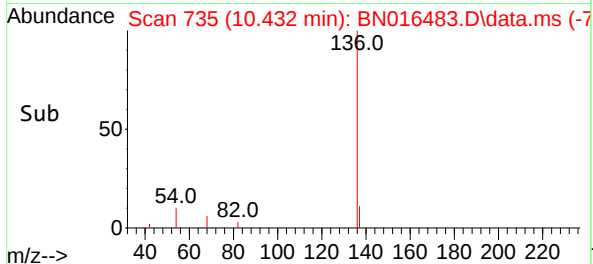
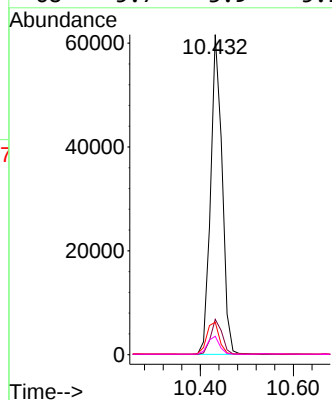
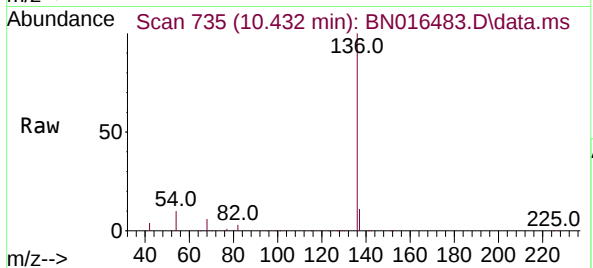




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016483.D
Acq: 25 Sep 2021 19:58

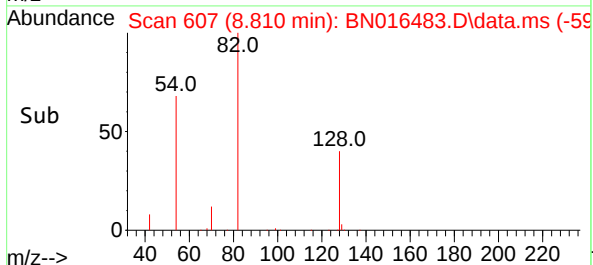
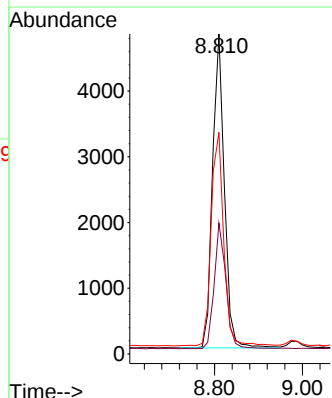
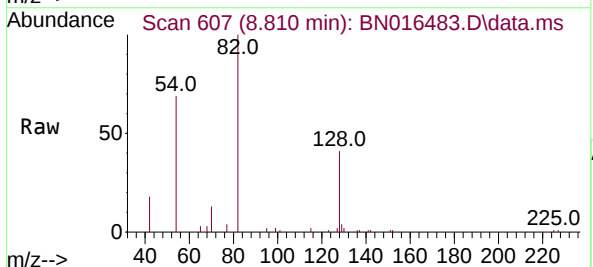
Instrument :
BNA_N
ClientSampleId :

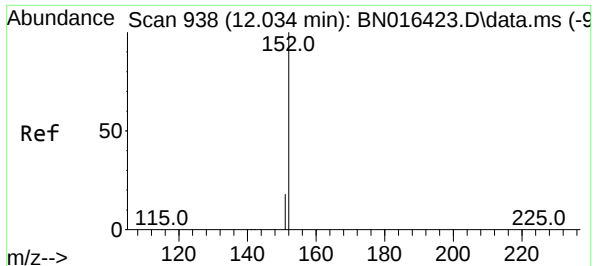
Tgt Ion:	136	Resp:	106118
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	10.2	5.3	7.9#
68	5.7	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.118 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016483.D
Acq: 25 Sep 2021 19:58

Tgt Ion:	82	Resp:	8874
Ion Ratio	Lower	Upper	
82	100		
128	40.9	31.7	47.5
54	69.3	46.4	69.6

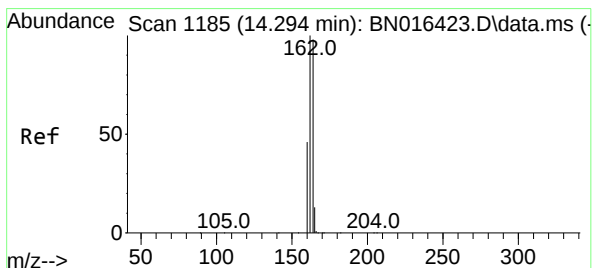
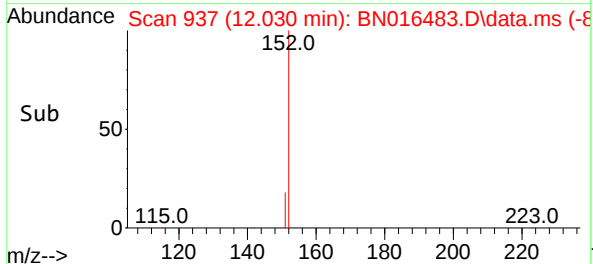
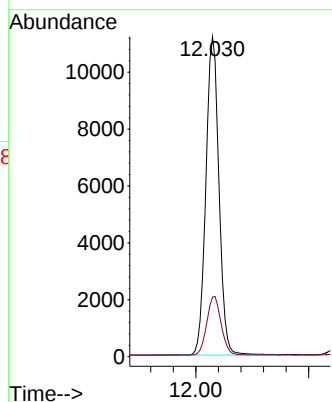
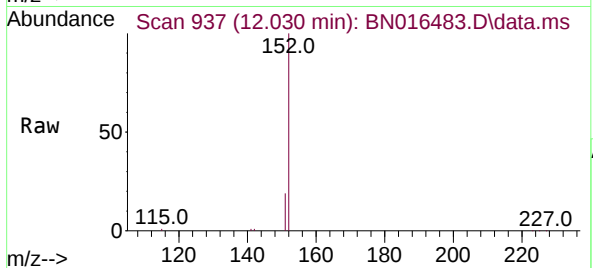




#11
2-Methylnaphthalene-d10
Concen: 0.115 ng
RT: 12.030 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016483.D
Acq: 25 Sep 2021 19:58

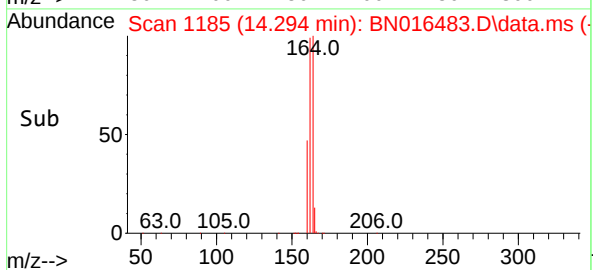
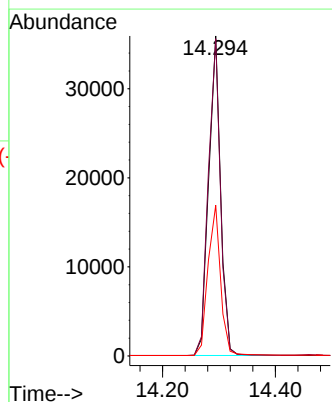
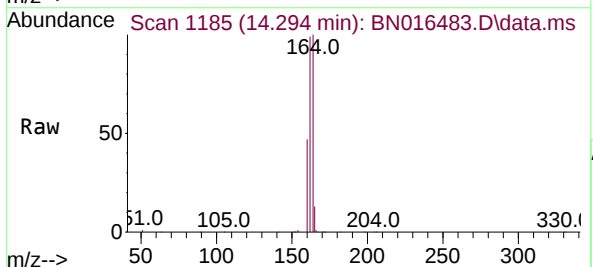
Instrument :
BNA_N
ClientSampled :

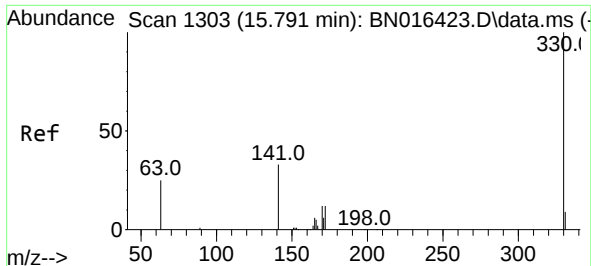
Tgt Ion:152 Resp: 18070
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016483.D
Acq: 25 Sep 2021 19:58

Tgt Ion:164 Resp: 52489
Ion Ratio Lower Upper
164 100
162 99.2 79.0 118.4
160 47.1 34.1 51.1

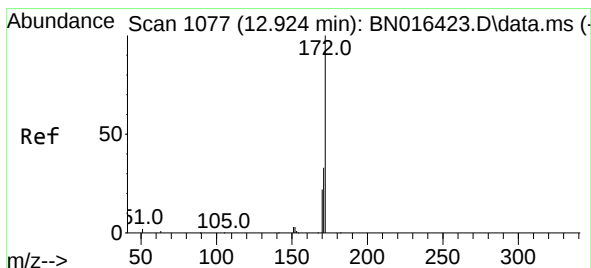
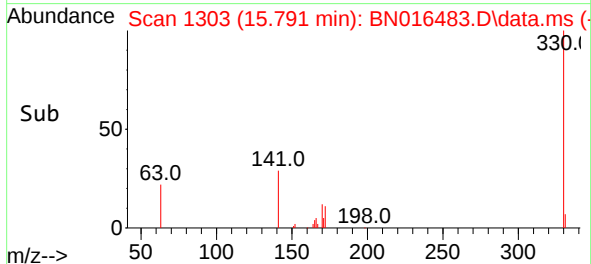
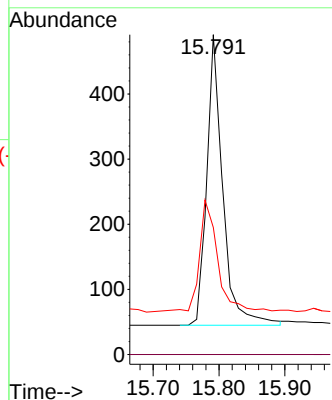
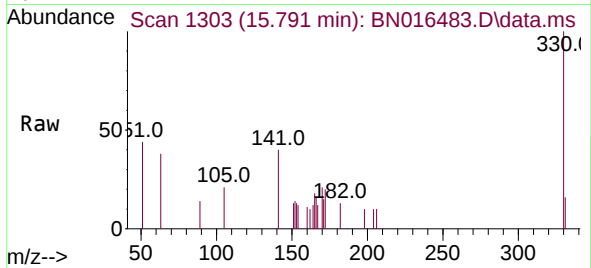




#14
2,4,6-Tribromophenol
Concen: 0.162 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016483.D
Acq: 25 Sep 2021 19:58

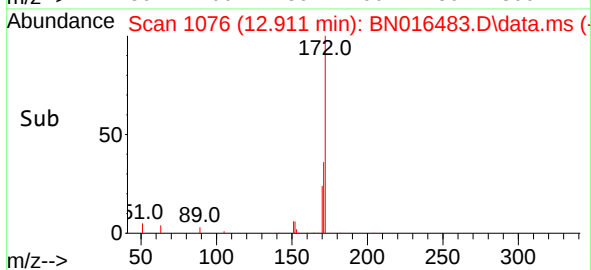
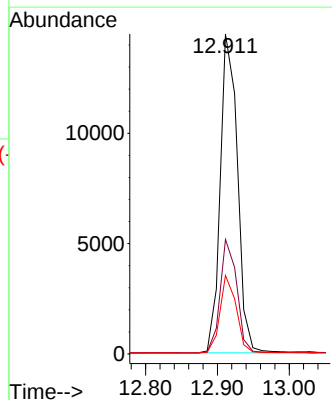
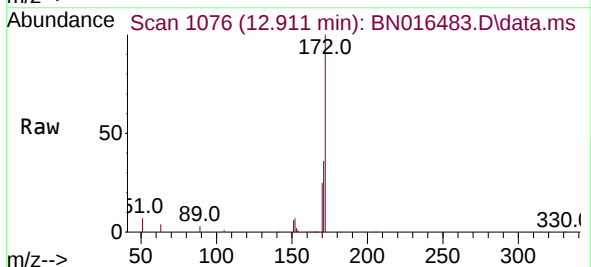
Instrument :
BNA_N
ClientSampleId :

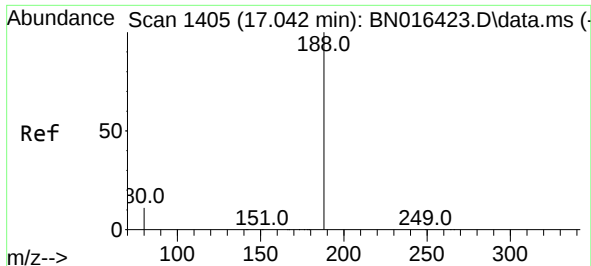
Tgt Ion:330 Resp: 754
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.6 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.109 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016483.D
Acq: 25 Sep 2021 19:58

Tgt Ion:172 Resp: 24065
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.6
170 24.6 18.2 27.2

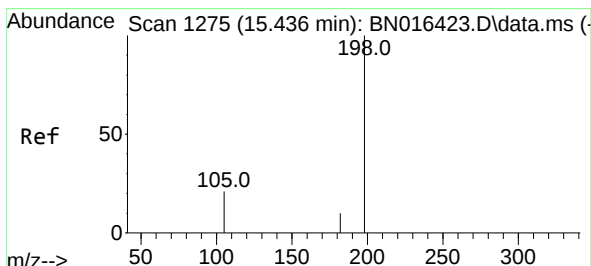
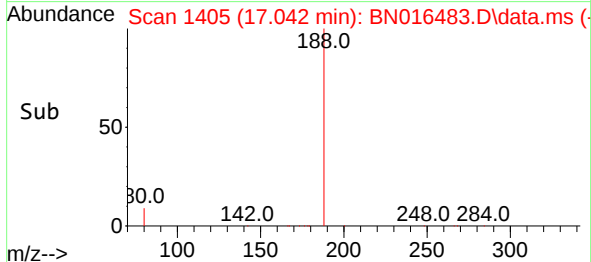
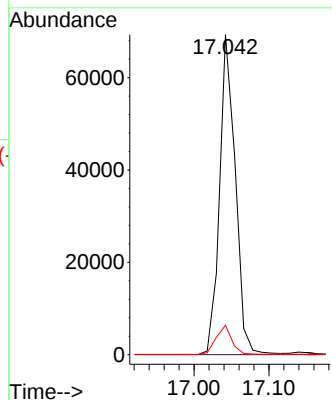
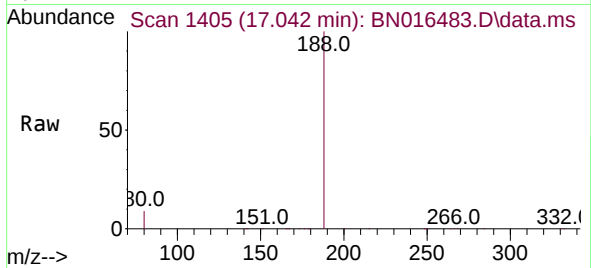




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016483.D
Acq: 25 Sep 2021 19:58

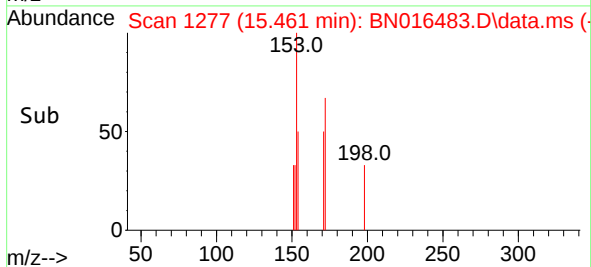
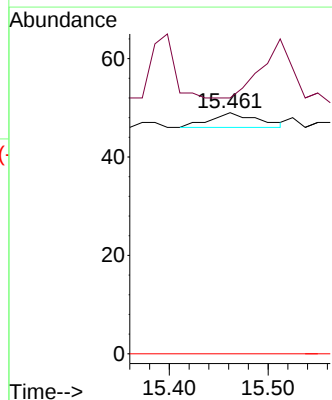
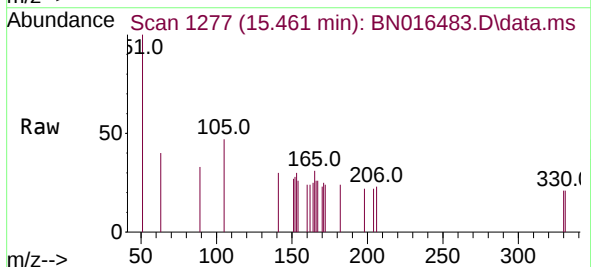
Instrument :
BNA_N
ClientSampleId :

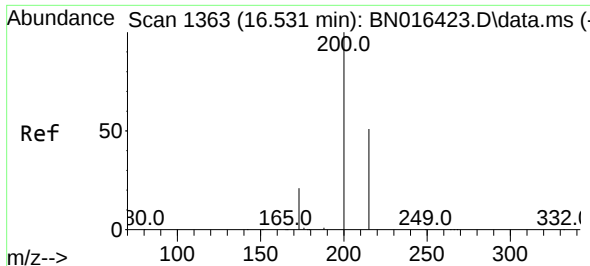
Tgt Ion:188 Resp: 100904
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 7.0 10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.461 min Scan# 1277
Delta R.T. 0.025 min
Lab File: BN016483.D
Acq: 25 Sep 2021 19:58

Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
182 106.1 26.6 39.8#
77 0.0 0.0 0.0

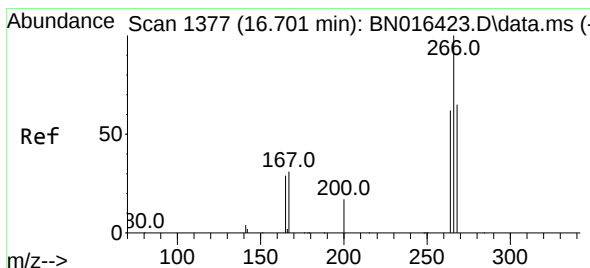
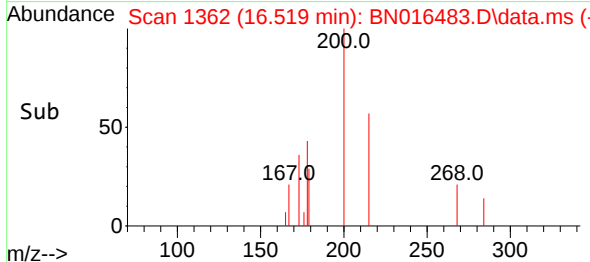
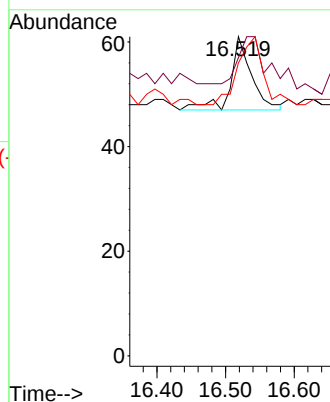
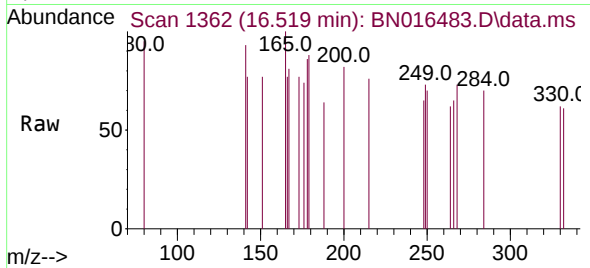




#23
Atrazine
Concen: 0.136 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BN016483.D
Acq: 25 Sep 2021 19:58

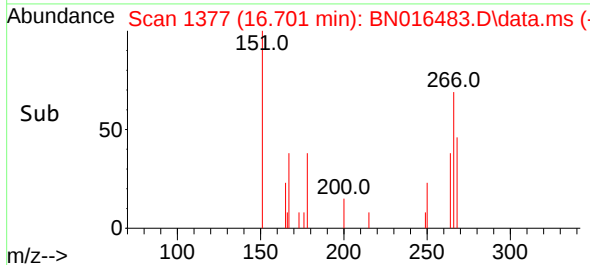
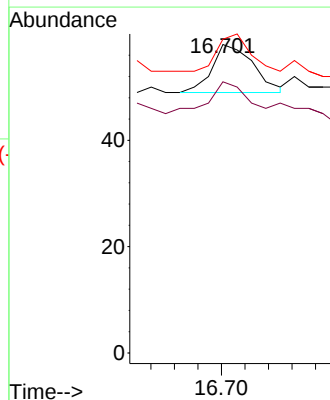
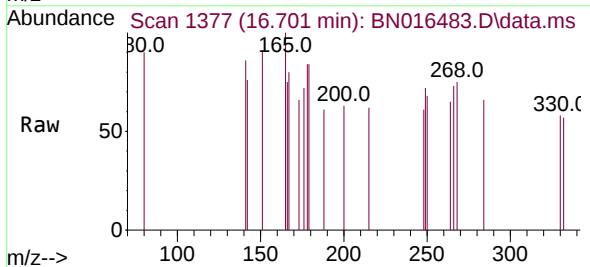
Instrument :
BNA_N
ClientSampleId :

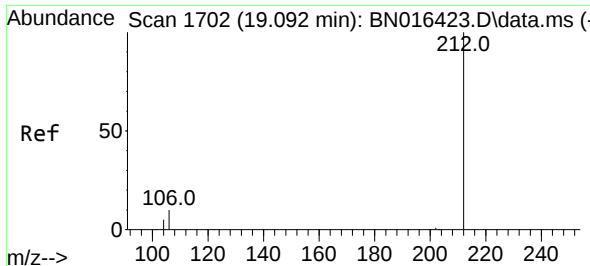
Tgt Ion:200 Resp: 30
Ion Ratio Lower Upper
200 100
173 93.4 18.7 28.1#
215 91.8 41.6 62.4#



#24
Pentachlorophenol
Concen: 0.245 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016483.D
Acq: 25 Sep 2021 19:58

Tgt Ion:266 Resp: 22
Ion Ratio Lower Upper
266 100
264 72.7 50.6 75.8
268 59.1 52.6 79.0

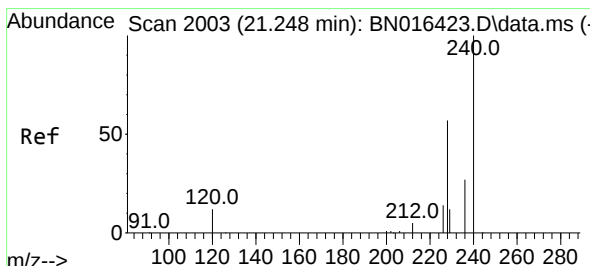
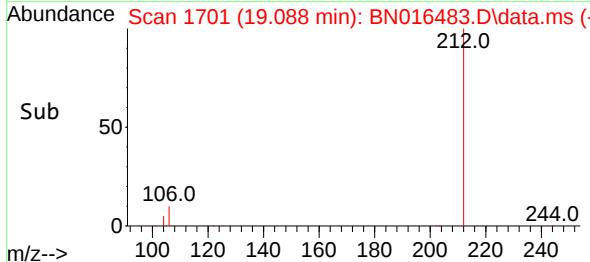
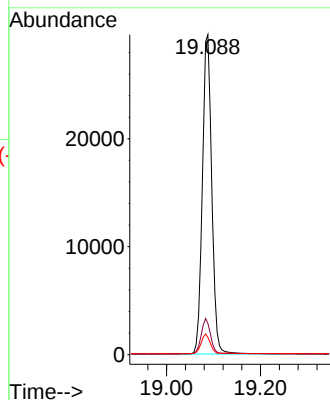
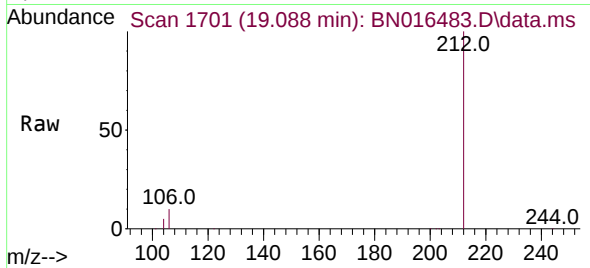




#27
Fluoranthene-d10
Concen: 0.148 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016483.D
Acq: 25 Sep 2021 19:58

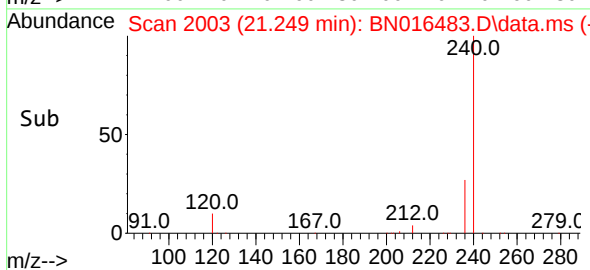
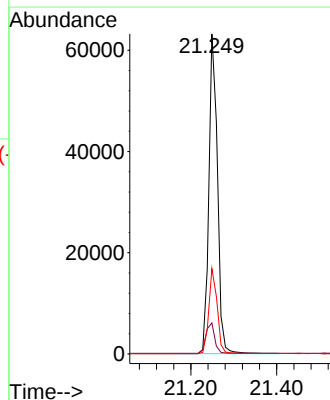
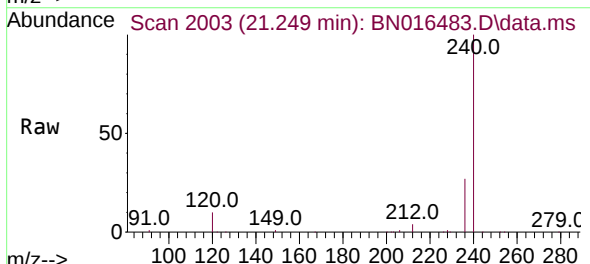
Instrument :
BNA_N
ClientSampleId :

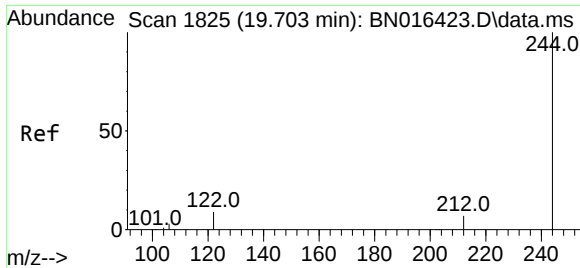
Tgt Ion:212 Resp: 41024
Ion Ratio Lower Upper
212 100
106 10.8 9.8 14.6
104 5.9 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016483.D
Acq: 25 Sep 2021 19:58

Tgt Ion:240 Resp: 87494
Ion Ratio Lower Upper
240 100
120 9.7 5.3 7.9#
236 26.7 19.8 29.8

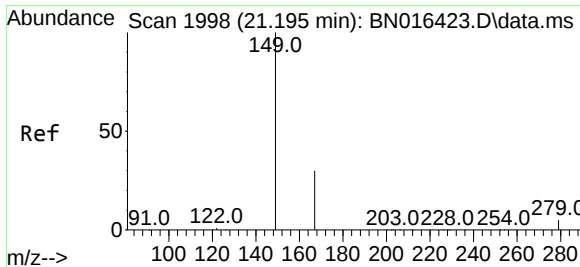
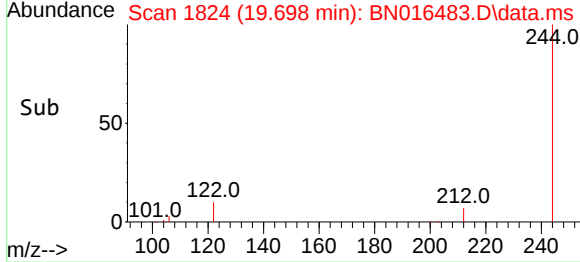
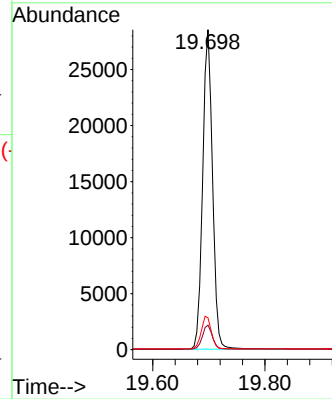
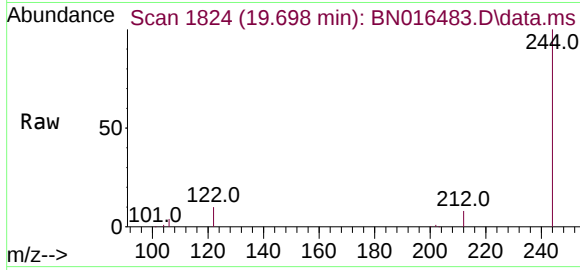




#31
 Terphenyl-d14
 Concen: 0.170 ng
 RT: 19.698 min Scan# 1824
 Delta R.T. -0.005 min
 Lab File: BN016483.D
 Acq: 25 Sep 2021 19:58

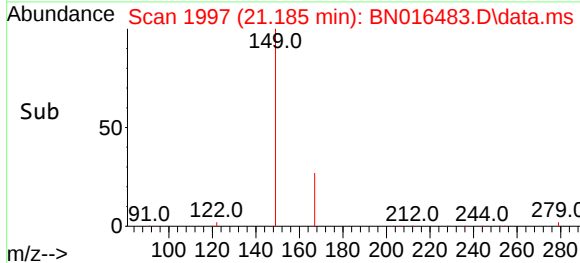
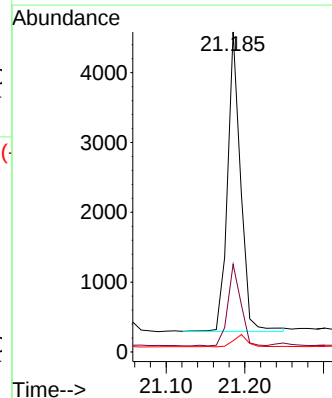
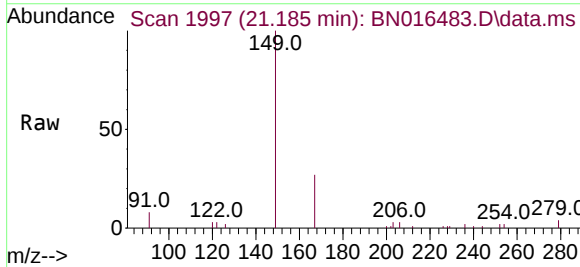
Instrument :
 BNA_N
 ClientSampleId :

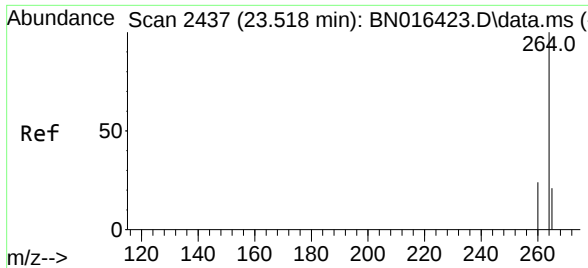
Tgt Ion:244	Resp:	34584
Ion Ratio	Lower	Upper
244	100	
212	7.7	5.5 8.3
122	9.9	9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.071 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016483.D
 Acq: 25 Sep 2021 19:58

Tgt Ion:149	Resp:	4922
Ion Ratio	Lower	Upper
149	100	
167	27.0	23.4 35.0
279	4.2	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: BN016483.D
 Acq: 25 Sep 2021 19:58

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:264	Resp:	79908
Ion Ratio	Lower	Upper
264	100	
260	24.2	18.9 28.3
265	23.3	23.7 35.5#

