

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016475.D
 Acq On : 25 Sep 2021 15:07
 Operator : CG/JU
 Sample : M3782-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 04:14:58 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)

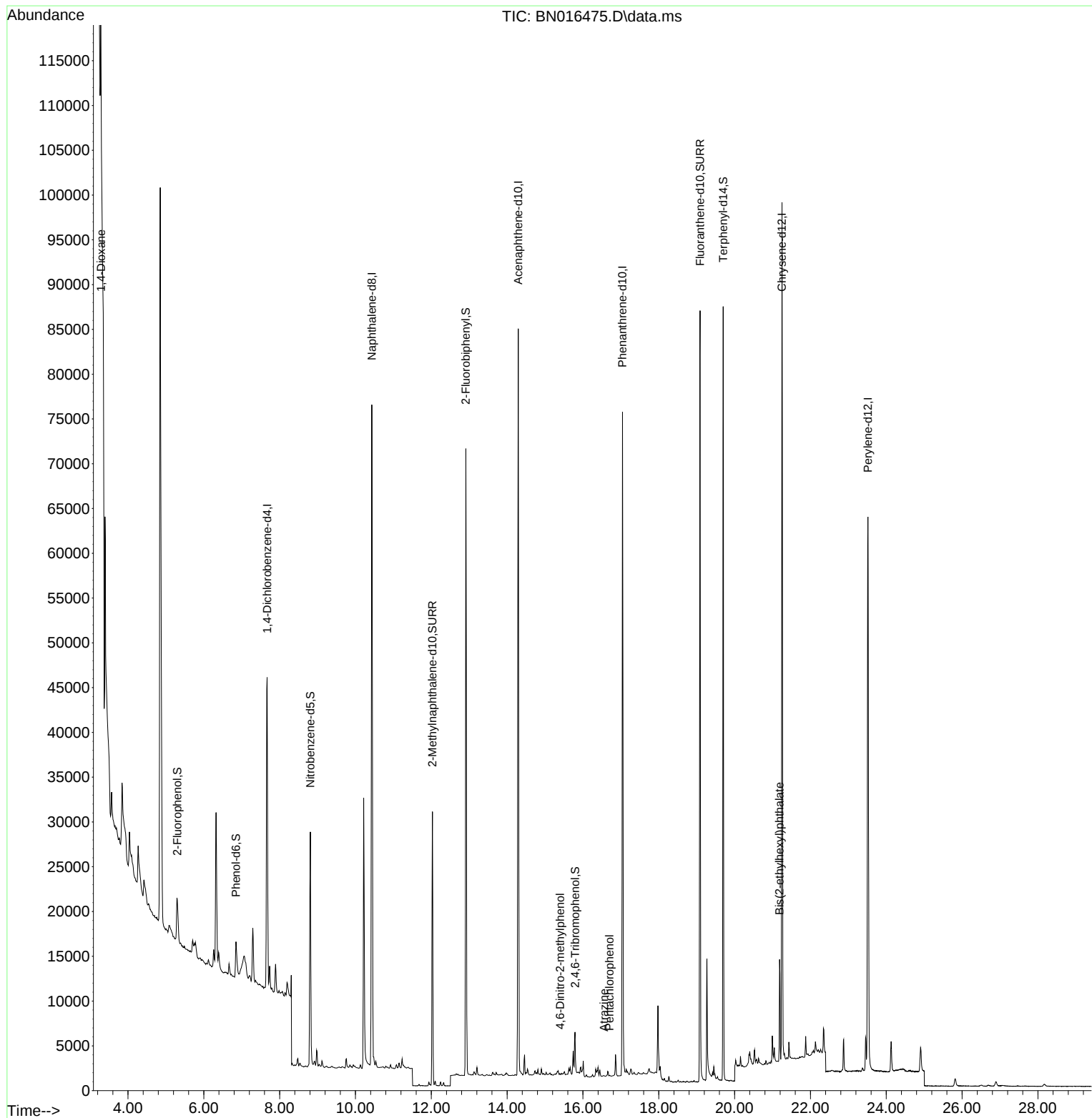
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	21970	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	94909	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	47785	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	96426	0.400	ng	0.00
29) Chrysene-d12	21.249	240	93578	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	83665	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	6526	0.132	ng	0.02
5) Phenol-d6	6.850	99	3877	0.067	ng	0.00
8) Nitrobenzene-d5	8.810	82	20887	0.311	ng	0.00
11) 2-Methylnaphthalene-d10	12.030	152	40208	0.286	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3606	0.327	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	61130	0.305	ng	-0.01
27) Fluoranthene-d10	19.088	212	99606	0.376	ng	0.00
31) Terphenyl-d14	19.698	244	83778	0.385	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	13983	1.485	ng	91
20) 4,6-Dinitro-2-methylph...	15.398	198	5	0.148	ng	# 1
23) Atrazine	16.555	200	26	0.136	ng	# 1
24) Pentachlorophenol	16.701	266	41	0.246	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.185	149	11738	0.159	ng	97

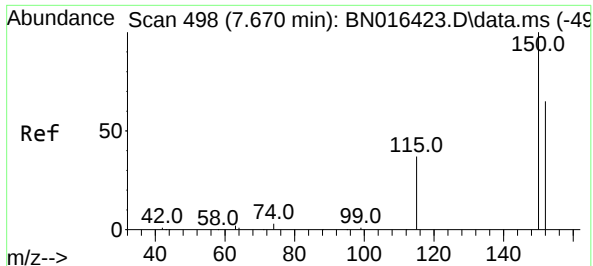
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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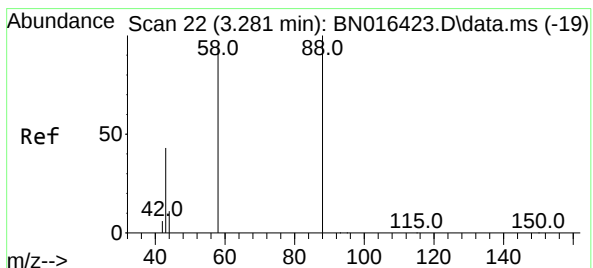
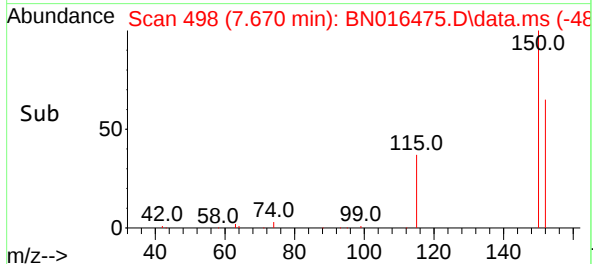
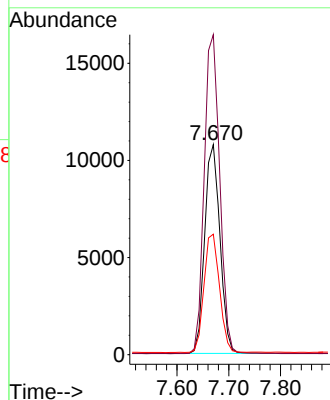
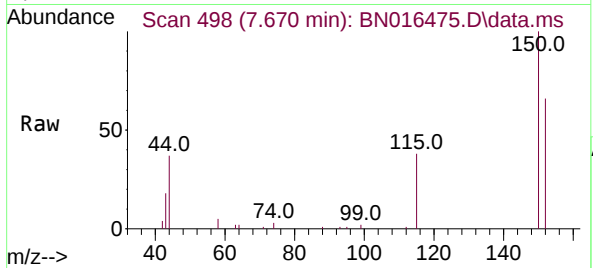




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. 0.000 min
 Lab File: BN016475.D
 Acq: 25 Sep 2021 15:07

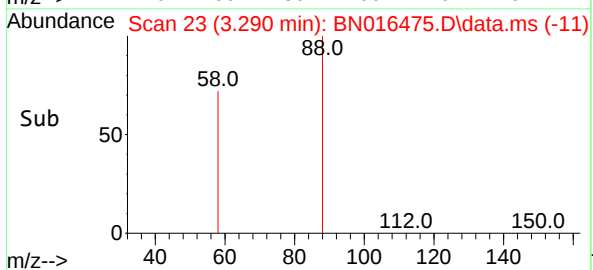
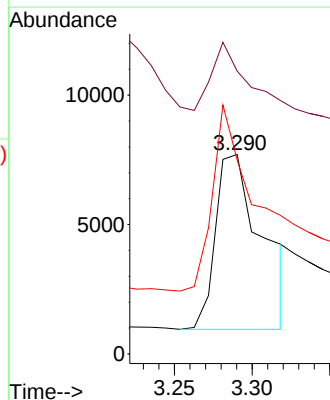
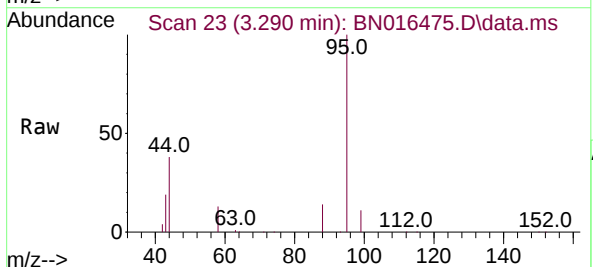
Instrument :
 BNA_N
 ClientSampleId :

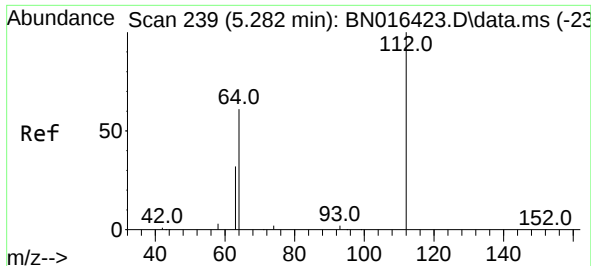
Tgt Ion:152 Resp: 21970
 Ion Ratio Lower Upper
 152 100
 150 152.3 125.6 188.4
 115 57.4 50.2 75.2



#2
 1,4-Dioxane
 Concen: 1.485 ng
 RT: 3.290 min Scan# 23
 Delta R.T. 0.010 min
 Lab File: BN016475.D
 Acq: 25 Sep 2021 15:07

Tgt Ion: 88 Resp: 13983
 Ion Ratio Lower Upper
 88 100
 43 28.7 20.3 30.5
 58 96.3 69.9 104.9

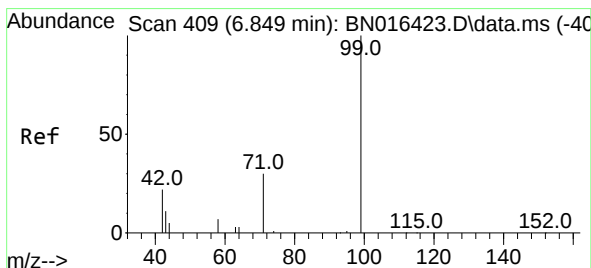
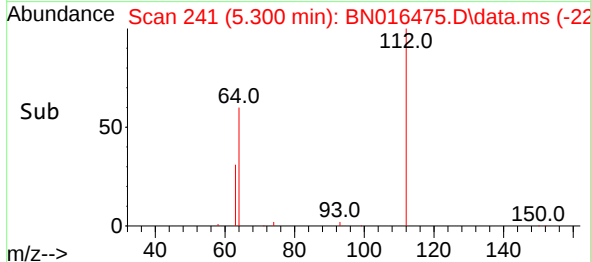
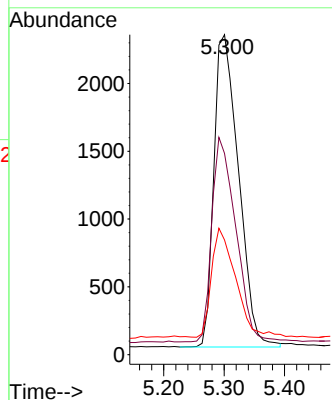
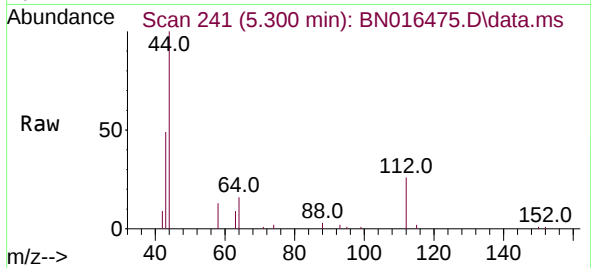




#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016475.D
Acq: 25 Sep 2021 15:07

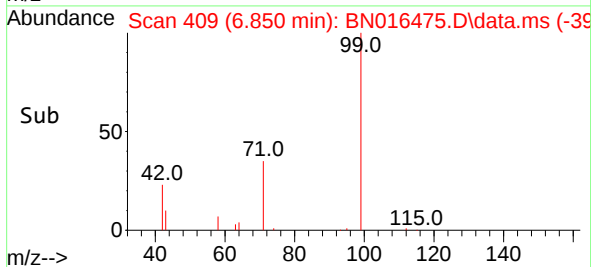
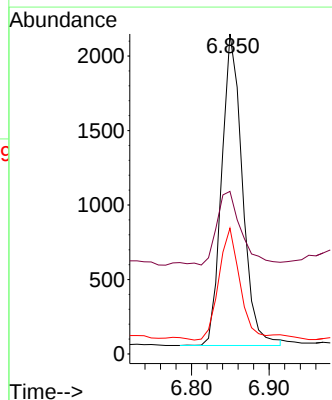
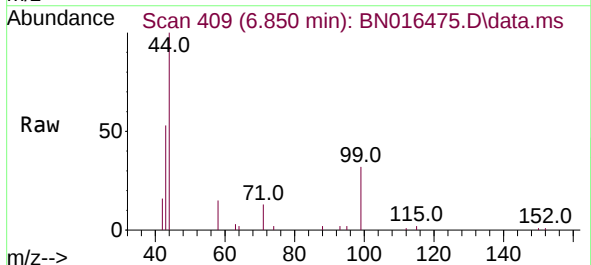
Instrument :
BNA_N
ClientSampleId :

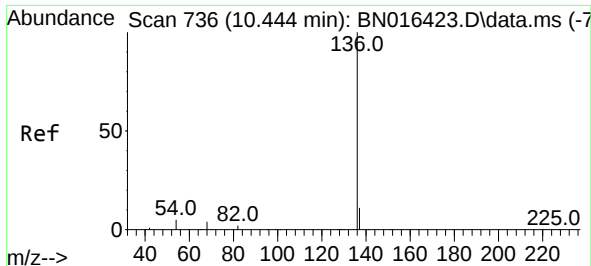
Tgt Ion:112 Resp: 6526
Ion Ratio Lower Upper
112 100
64 63.7 47.3 70.9
63 34.0 23.4 35.0



#5
Phenol-d6
Concen: 0.067 ng
RT: 6.850 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016475.D
Acq: 25 Sep 2021 15:07

Tgt Ion: 99 Resp: 3877
Ion Ratio Lower Upper
99 100
42 26.9 14.0 21.0#
71 37.1 23.8 35.6#

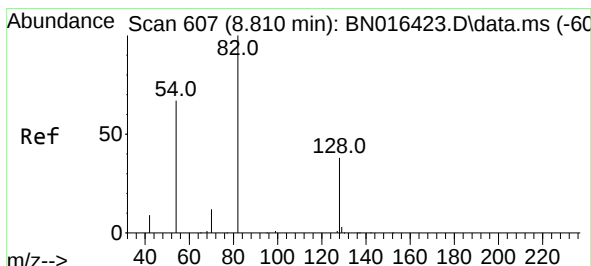
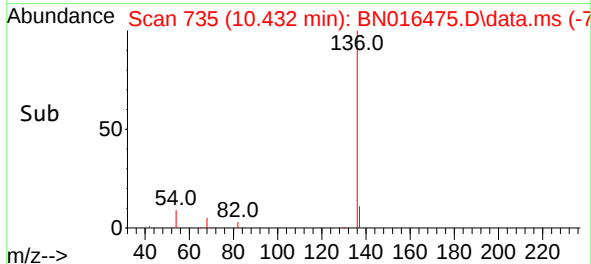
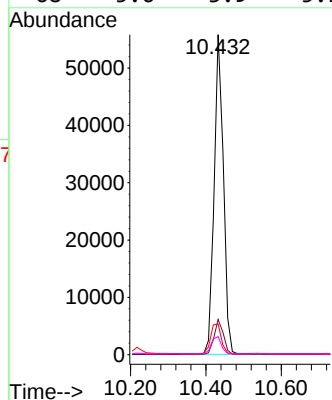
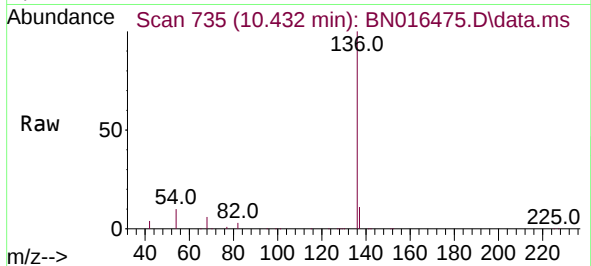




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016475.D
Acq: 25 Sep 2021 15:07

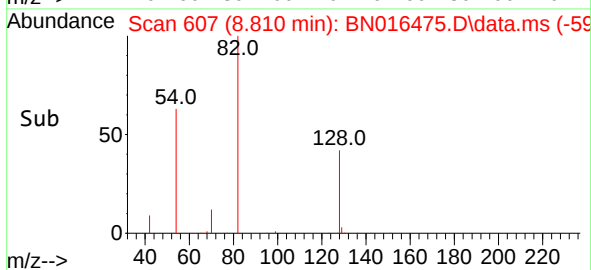
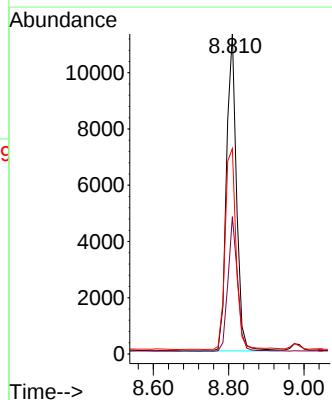
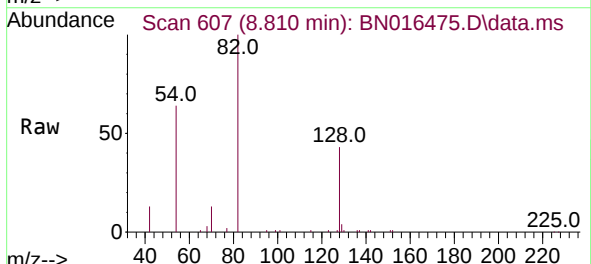
Instrument :
BNA_N
ClientSampleId :

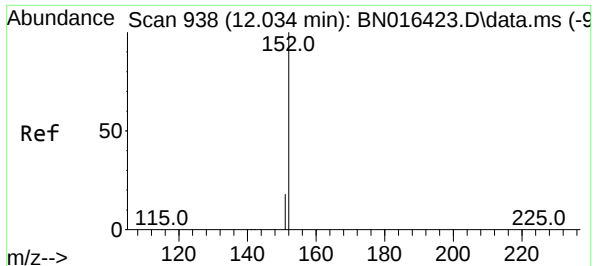
Tgt Ion:	136	Resp:	94909
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	9.6	5.3	7.9#
68	5.6	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016475.D
Acq: 25 Sep 2021 15:07

Tgt Ion:	82	Resp:	20887
Ion Ratio	Lower	Upper	
82	100		
128	42.9	31.7	47.5
54	64.1	46.4	69.6

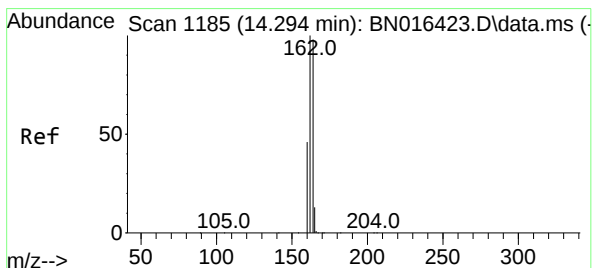
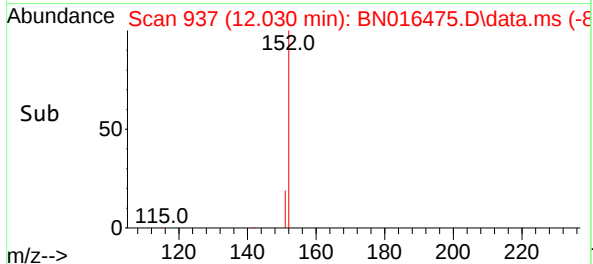
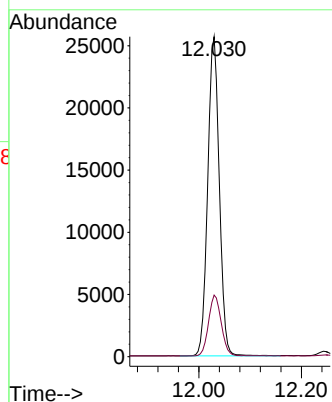
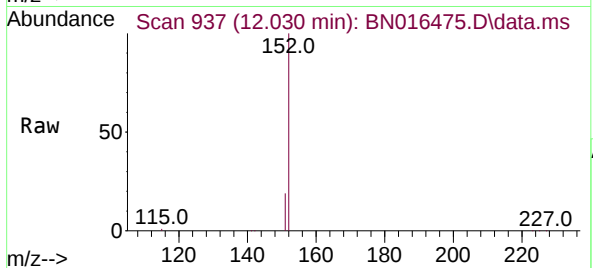




#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 12.030 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016475.D
Acq: 25 Sep 2021 15:07

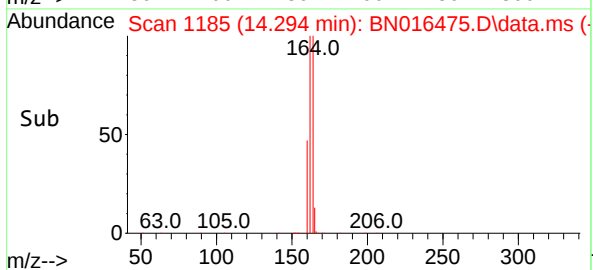
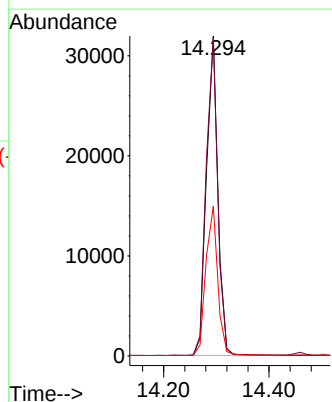
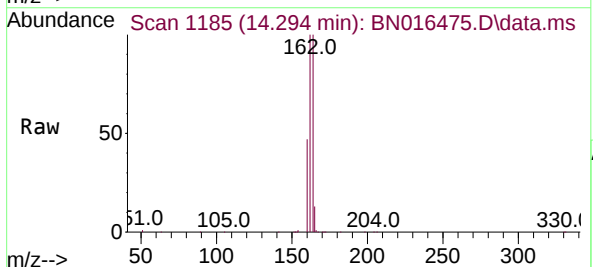
Instrument :
BNA_N
ClientSampleId :

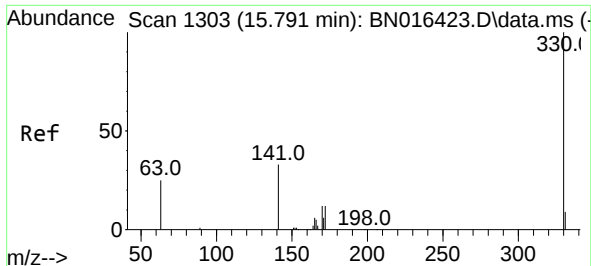
Tgt Ion:152 Resp: 40208
Ion Ratio Lower Upper
152 100
151 20.8 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016475.D
Acq: 25 Sep 2021 15:07

Tgt Ion:164 Resp: 47785
Ion Ratio Lower Upper
164 100
162 99.5 79.0 118.4
160 46.8 34.1 51.1

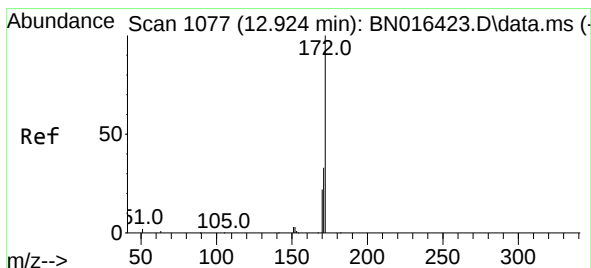
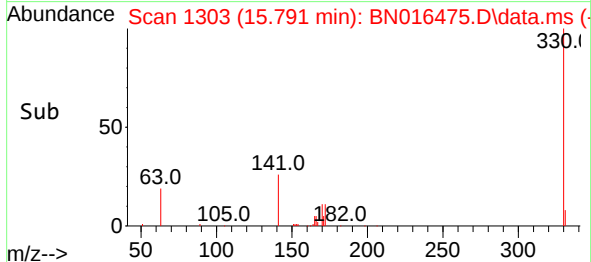
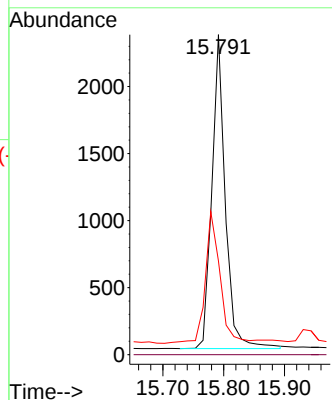
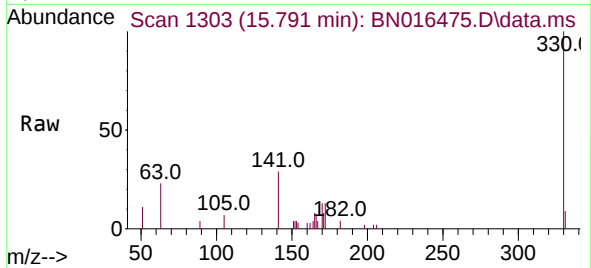




#14
2,4,6-Tribromophenol
Concen: 0.327 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016475.D
Acq: 25 Sep 2021 15:07

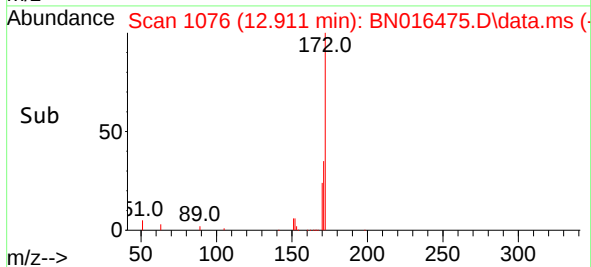
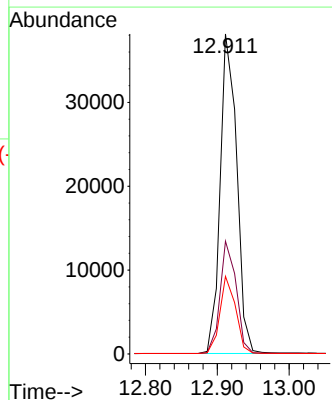
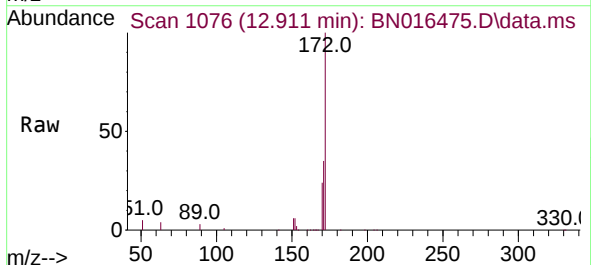
Instrument :
BNA_N
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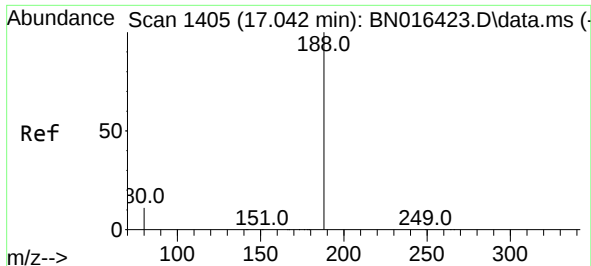
Tgt Ion:330 Resp: 3606
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 44.2 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.305 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016475.D
Acq: 25 Sep 2021 15:07

Tgt Ion:172 Resp: 61130
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.6
170 24.3 18.2 27.2

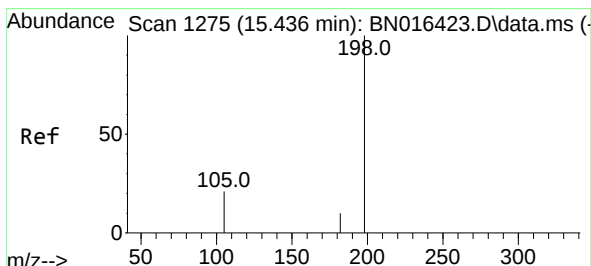
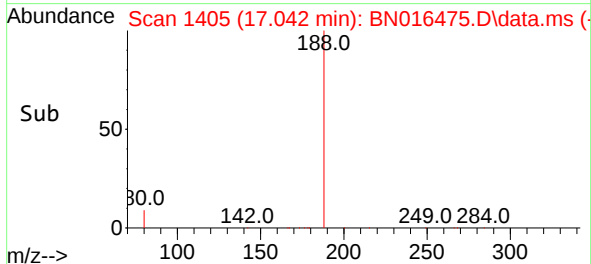
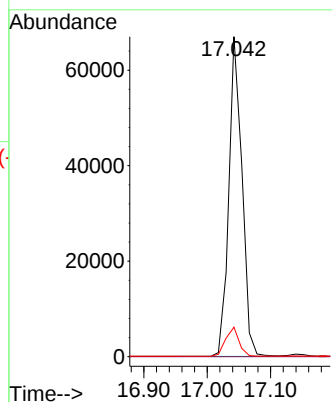
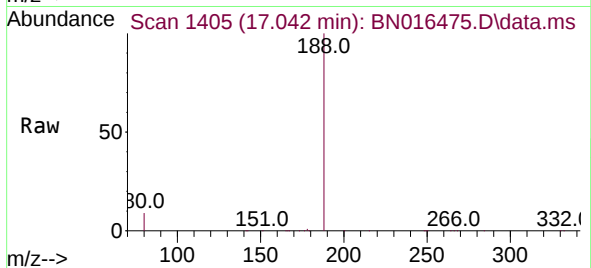




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN016475.D
Acq: 25 Sep 2021 15:07

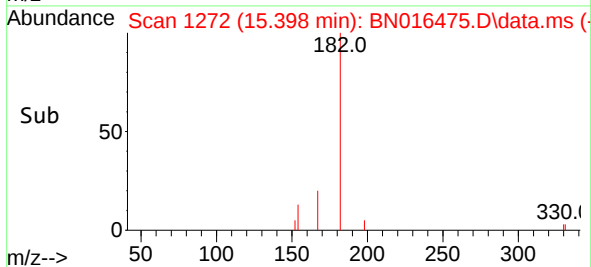
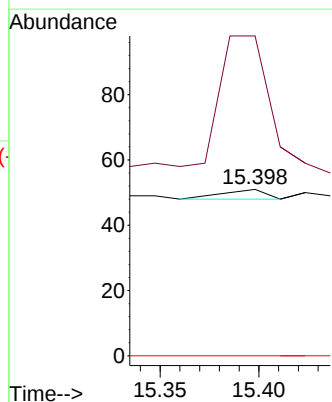
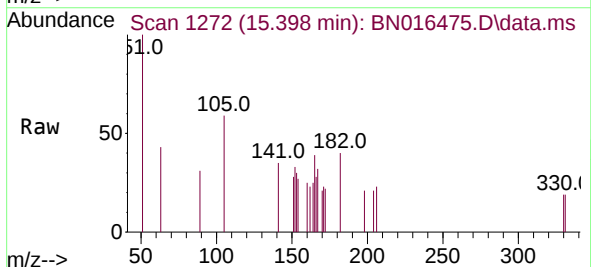
Instrument :
BNA_N
ClientSampled :

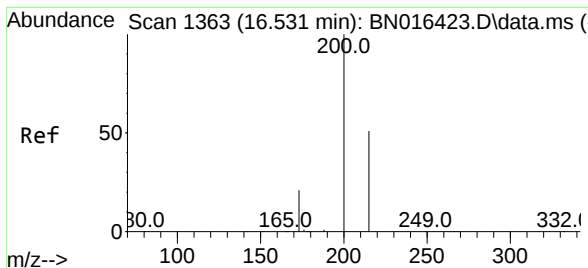
Tgt Ion:188 Resp: 96426
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 7.0 10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.398 min Scan# 1272
Delta R.T. -0.038 min
Lab File: BN016475.D
Acq: 25 Sep 2021 15:07

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 192.2 26.6 39.8#
77 0.0 0.0 0.0





#23

Atrazine

Concen: 0.136 ng

RT: 16.555 min Scan# 1365

Delta R.T. 0.024 min

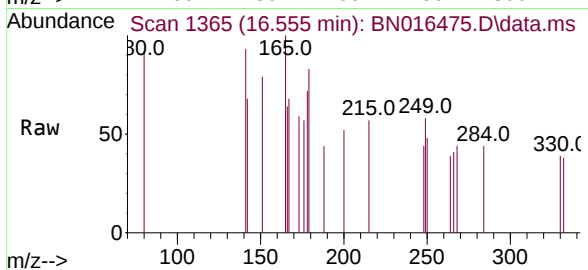
Lab File: BN016475.D

Acq: 25 Sep 2021 15:07

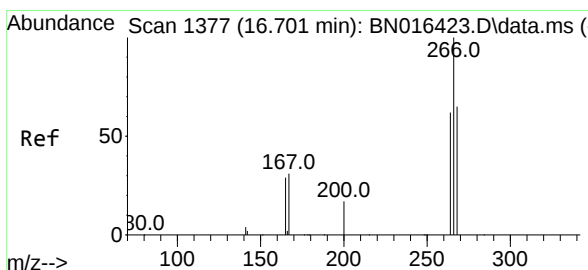
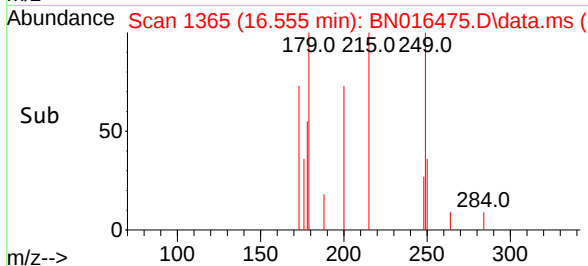
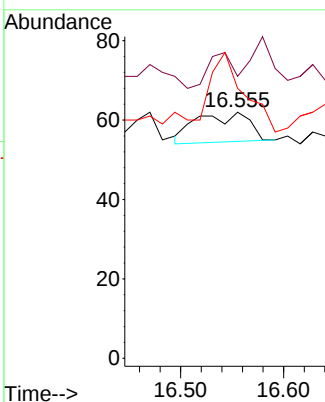
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	200	Resp:	26
Ion Ratio	Lower	Upper	
200	100		
173	114.5	18.7	28.1#
215	109.7	41.6	62.4#



#24

Pentachlorophenol

Concen: 0.246 ng

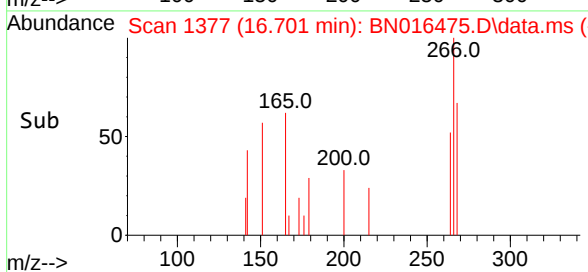
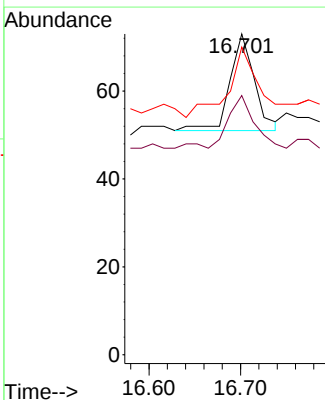
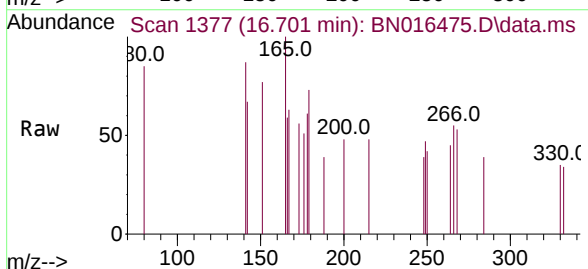
RT: 16.701 min Scan# 1377

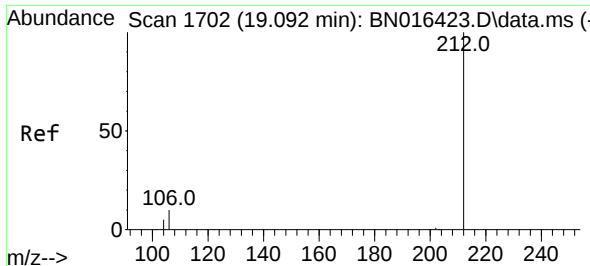
Delta R.T. 0.000 min

Lab File: BN016475.D

Acq: 25 Sep 2021 15:07

Tgt Ion:	266	Resp:	41
Ion Ratio	Lower	Upper	
266	100		
264	61.0	50.6	75.8
268	92.7	52.6	79.0#

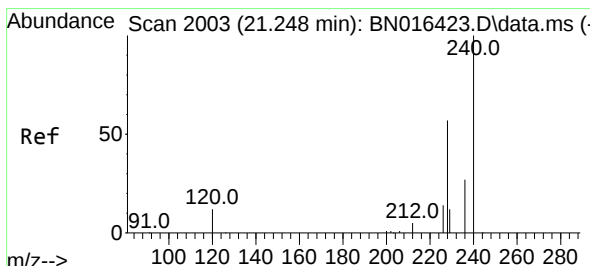
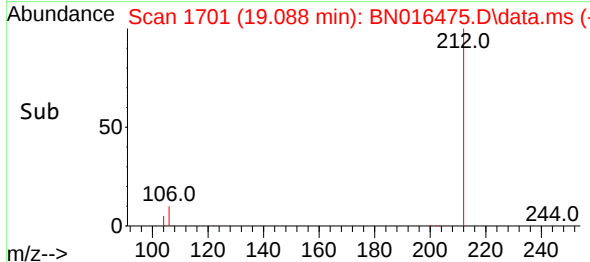
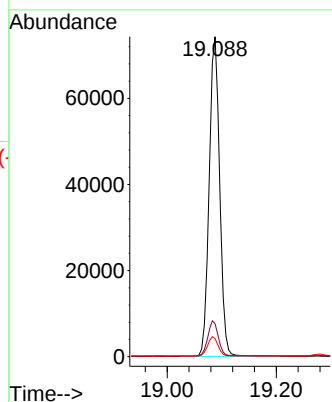
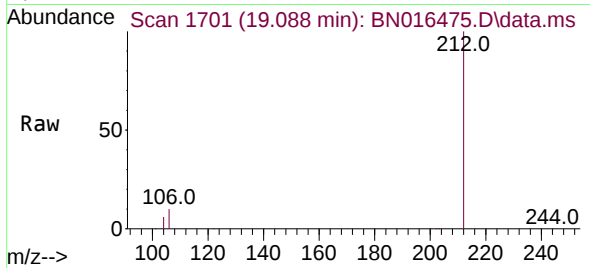




#27
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016475.D
Acq: 25 Sep 2021 15:07

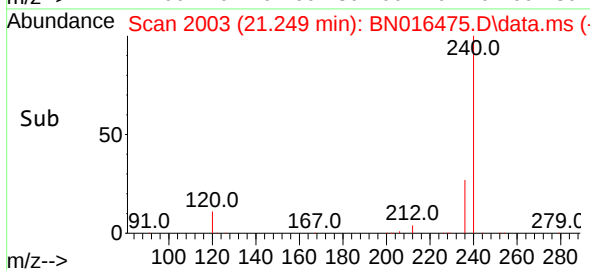
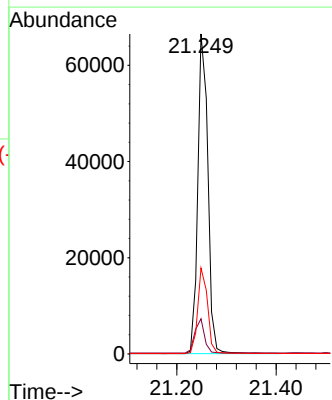
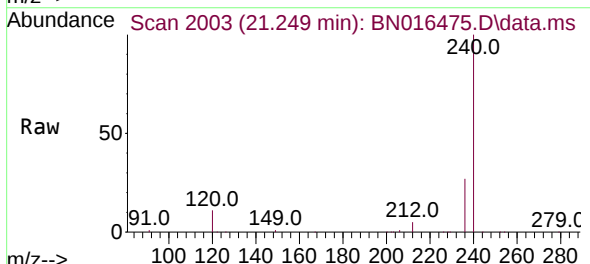
Instrument :
BNA_N
ClientSampleId :

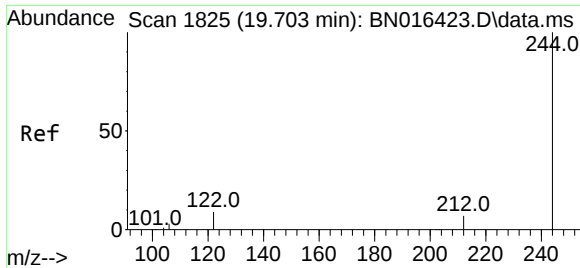
Tgt Ion:212 Resp: 99606
Ion Ratio Lower Upper
212 100
106 11.2 9.8 14.6
104 6.1 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016475.D
Acq: 25 Sep 2021 15:07

Tgt Ion:240 Resp: 93578
Ion Ratio Lower Upper
240 100
120 11.0 5.3 7.9#
236 26.9 19.8 29.8

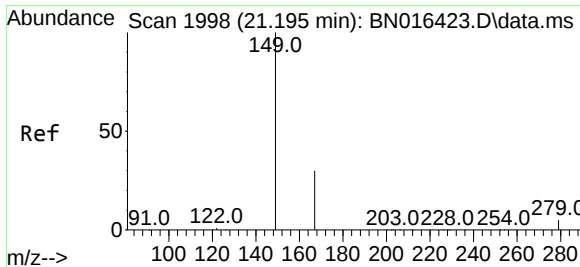
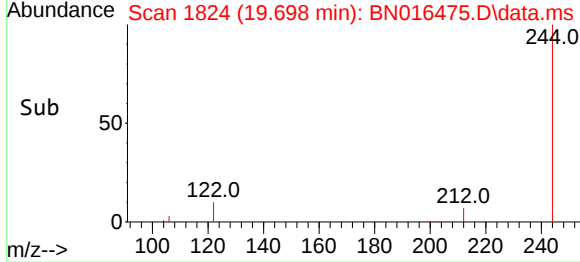
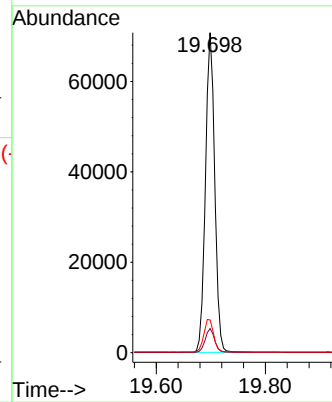
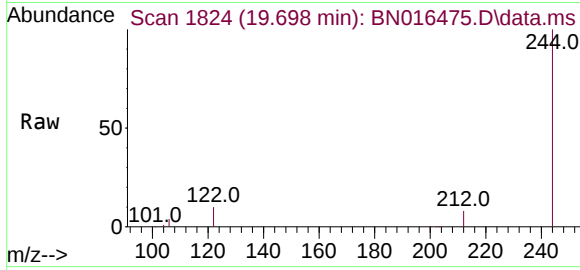




#31
 Terphenyl-d14
 Concen: 0.385 ng
 RT: 19.698 min Scan# 1824
 Delta R.T. -0.005 min
 Lab File: BN016475.D
 Acq: 25 Sep 2021 15:07

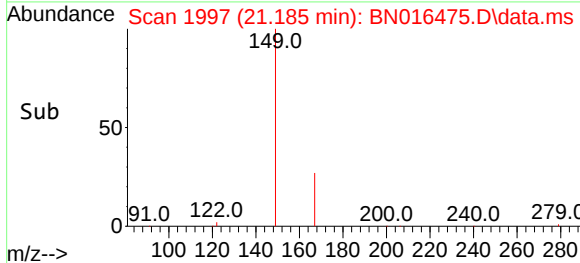
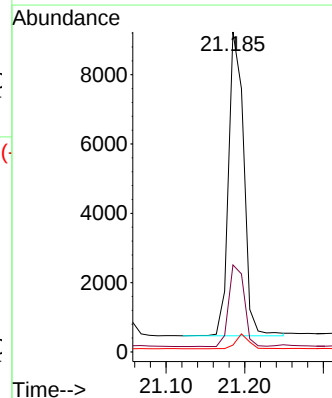
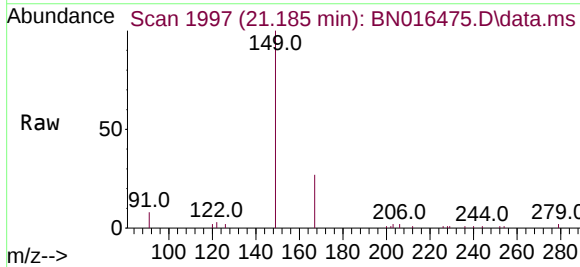
Instrument :
 BNA_N
 ClientSampleId :

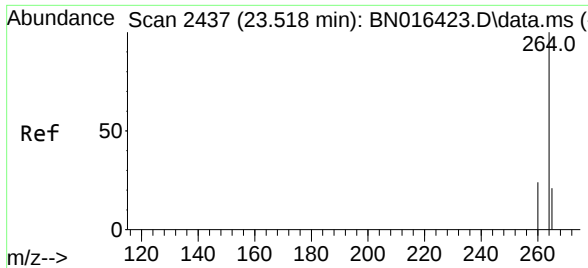
Tgt Ion:244	Resp:	83778
Ion Ratio	Lower	Upper
244	100	
212	7.5	5.5 8.3
122	10.3	9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.159 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016475.D
 Acq: 25 Sep 2021 15:07

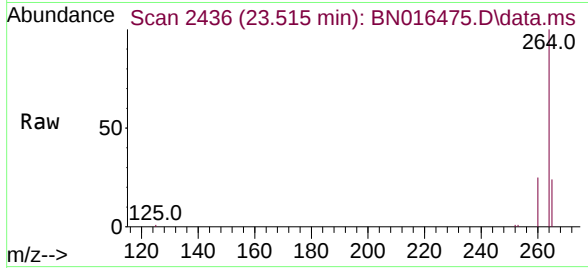
Tgt Ion:149	Resp:	11738
Ion Ratio	Lower	Upper
149	100	
167	27.2	23.4 35.0
279	4.3	3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.515 min Scan# 2436
 Delta R.T. -0.003 min
 Lab File: BN016475.D
 Acq: 25 Sep 2021 15:07

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 83665

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.9	28.3
265	23.8	23.7	35.5

