

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016473.D
 Acq On : 25 Sep 2021 13:54
 Operator : CG/JU
 Sample : M3782-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20210914

Quant Time: Sep 26 04:14:42 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)

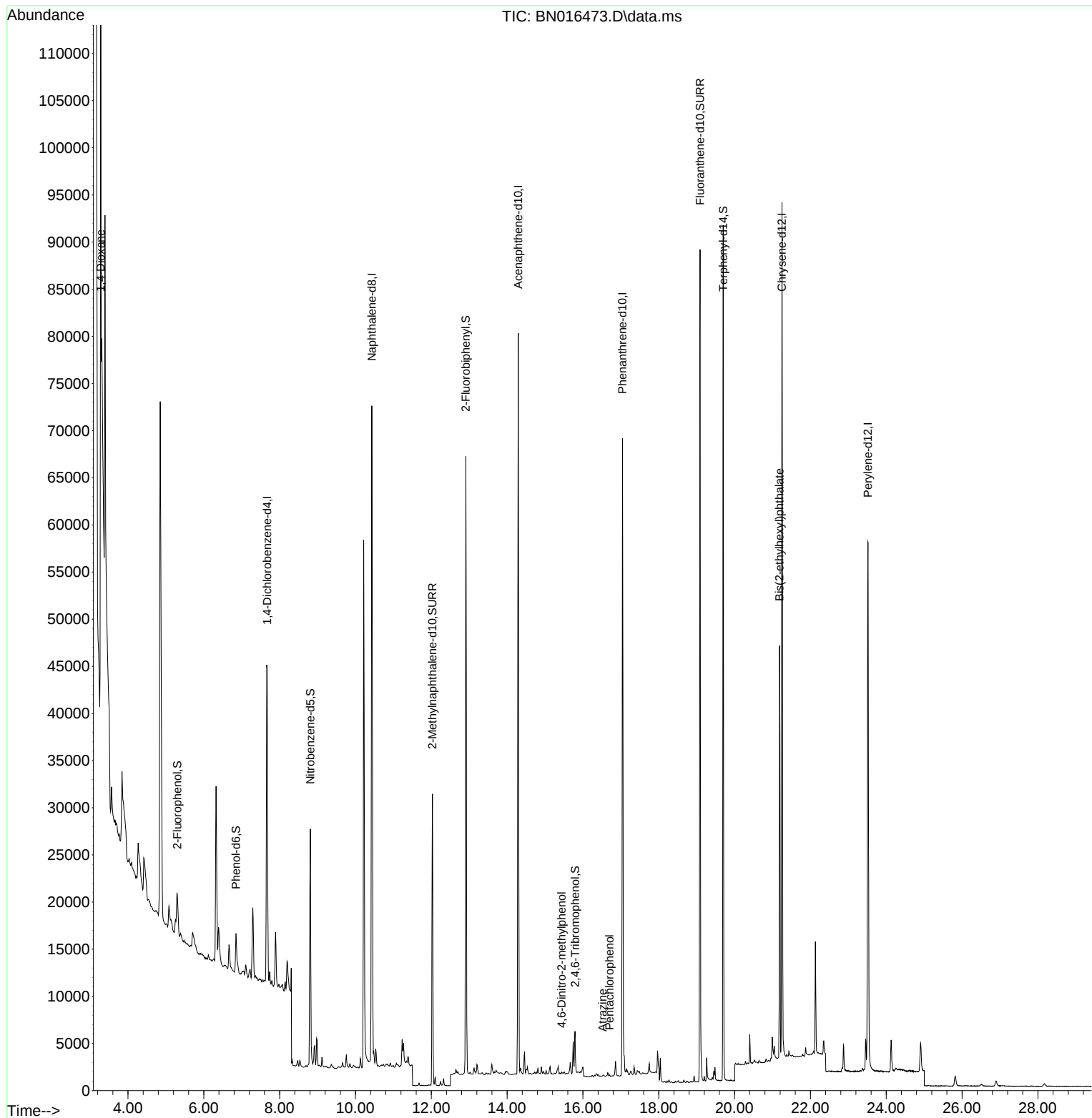
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	20102	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	88696	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	45117	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	90031	0.400	ng	0.00
29) Chrysene-d12	21.249	240	87661	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	75364	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.301	112	5897	0.131	ng	0.02
5) Phenol-d6	6.850	99	3975	0.075	ng	0.00
8) Nitrobenzene-d5	8.810	82	20009	0.319	ng	0.00
11) 2-Methylnaphthalene-d10	12.030	152	41130	0.313	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3392	0.326	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	55412	0.292	ng	-0.01
27) Fluoranthene-d10	19.088	212	99014	0.401	ng	0.00
31) Terphenyl-d14	19.699	244	86883	0.426	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.281	88	62774	7.287	ng	# 87
20) 4,6-Dinitro-2-methylph...	15.436	198	9	0.148	ng	# 1
23) Atrazine	16.519	200	60	0.136	ng	# 30
24) Pentachlorophenol	16.701	266	49	0.246	ng	# 46
34) Bis(2-ethylhexyl)phtha...	21.185	149	42094	0.607	ng	97

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

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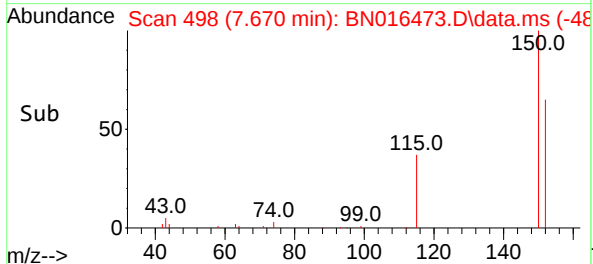
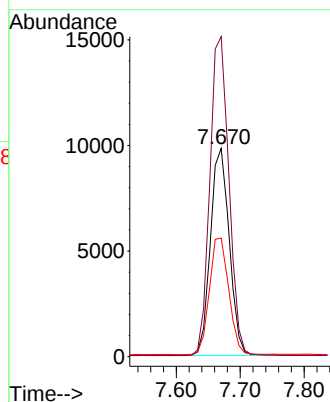
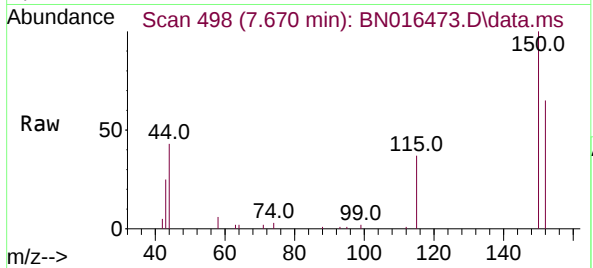




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. 0.000 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

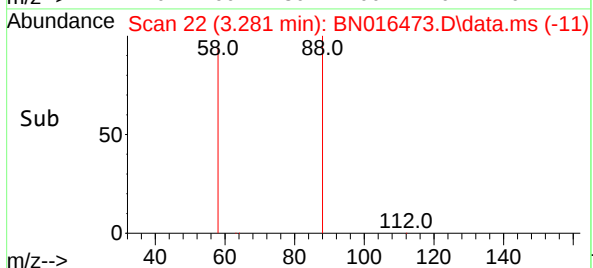
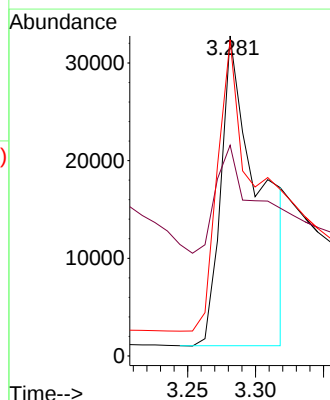
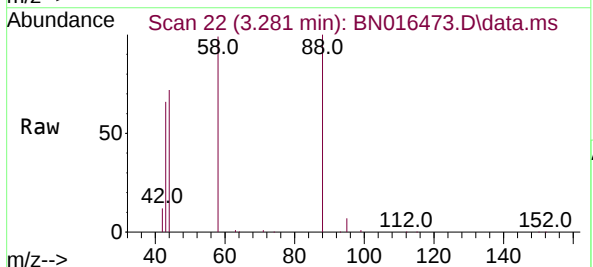
Instrument :
BNA_N
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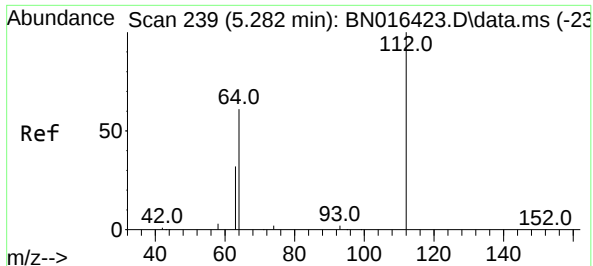
Tgt Ion:152 Resp: 20102
Ion Ratio Lower Upper
152 100
150 153.7 125.6 188.4
115 57.0 50.2 75.2



#2
1,4-Dioxane
Concen: 7.287 ng
RT: 3.281 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

Tgt Ion: 88 Resp: 62774
Ion Ratio Lower Upper
88 100
43 35.5 20.3 30.5#
58 97.0 69.9 104.9

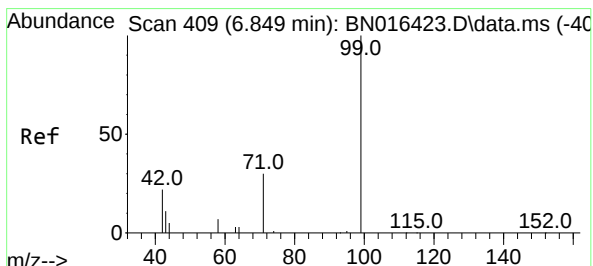
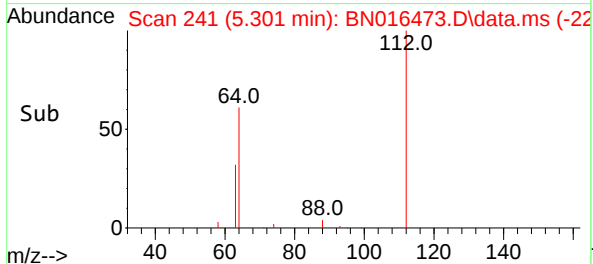
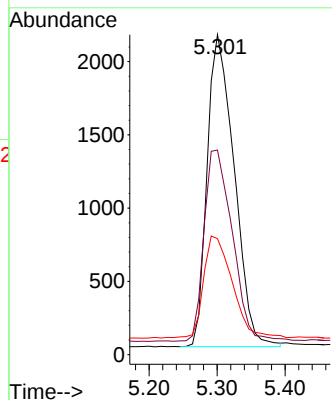
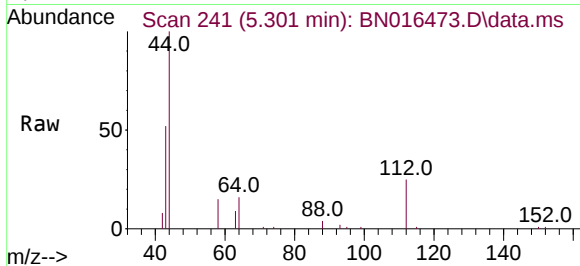




#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.301 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

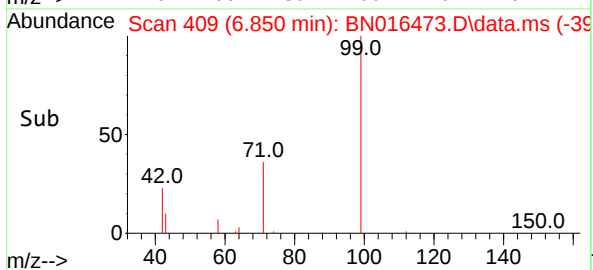
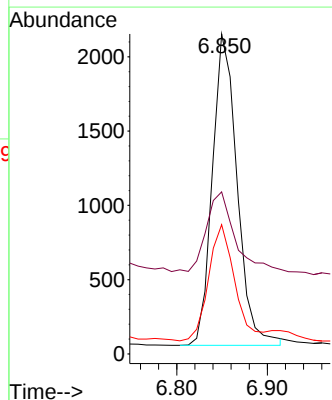
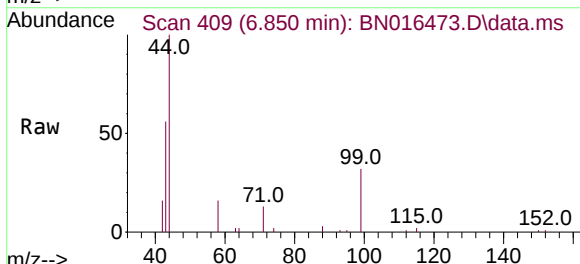
Instrument :
BNA_N
ClientSampleId :
RE132D2-20210914

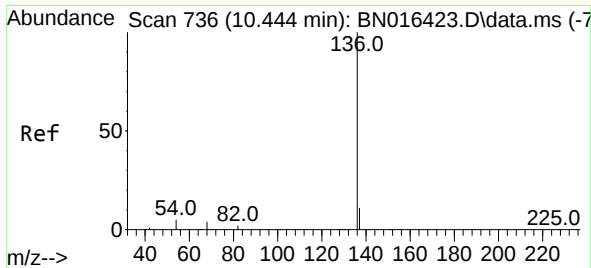
Tgt Ion:	112	Resp:	5897
Ion	Ratio	Lower	Upper
112	100		
64	63.8	47.3	70.9
63	34.6	23.4	35.0



#5
Phenol-d6
Concen: 0.075 ng
RT: 6.850 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

Tgt Ion:	99	Resp:	3975
Ion	Ratio	Lower	Upper
99	100		
42	29.1	14.0	21.0#
71	39.6	23.8	35.6#

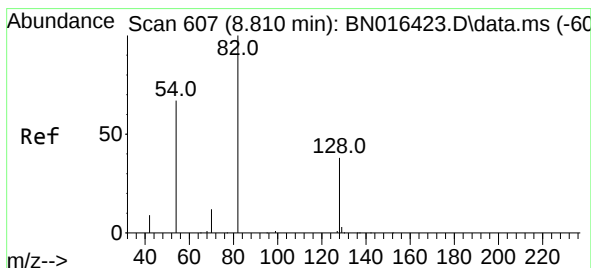
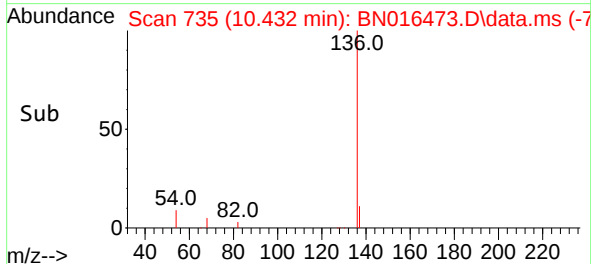
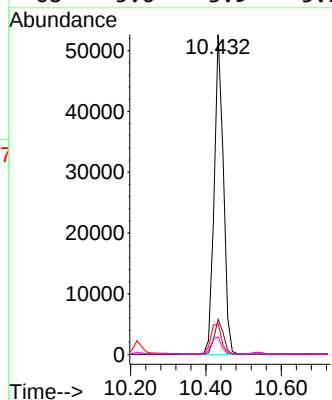
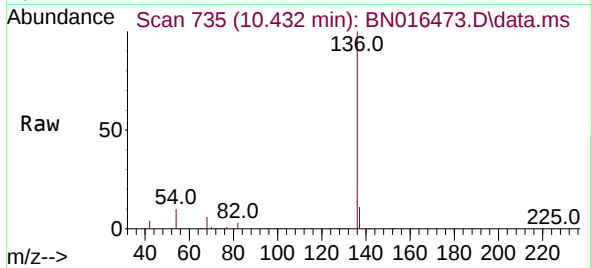




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

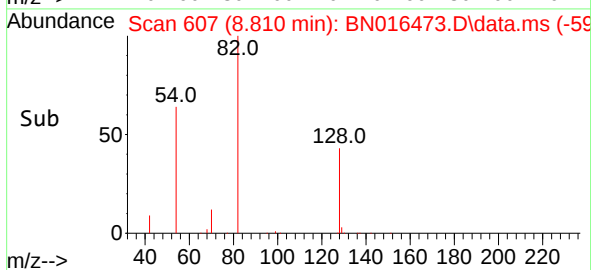
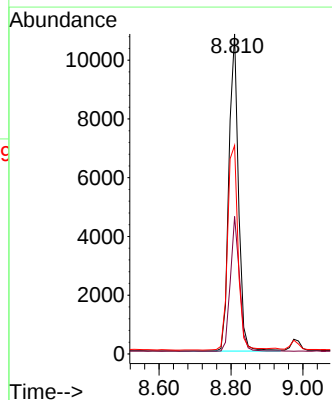
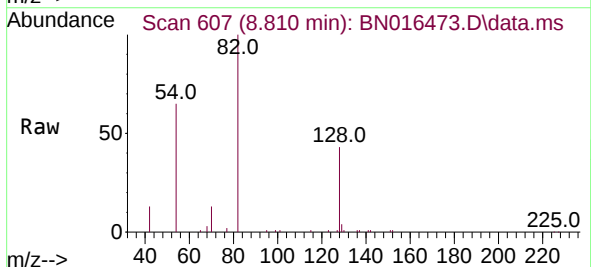
Instrument :
BNA_N
ClientSampleId :
RE132D2-20210914

Tgt Ion:	136	Resp:	88696
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	9.7	5.3	7.9#
68	5.6	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

Tgt Ion:	82	Resp:	20009
Ion Ratio	Lower	Upper	
82	100		
128	43.0	31.7	47.5
54	65.2	46.4	69.6

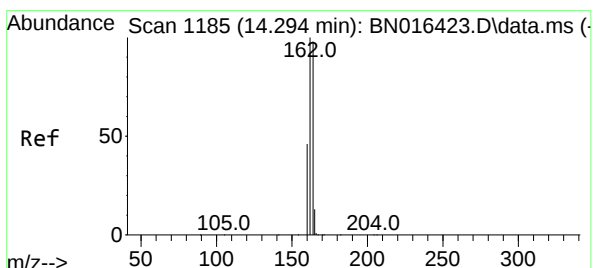
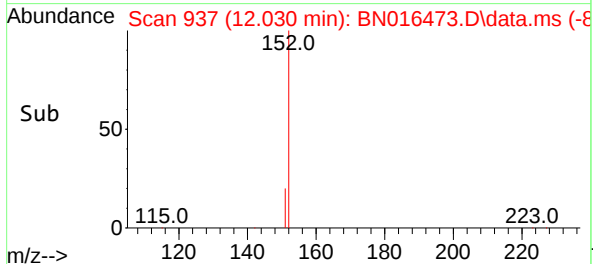
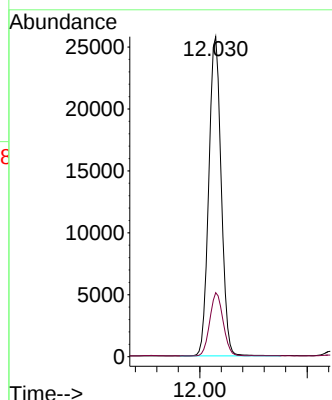
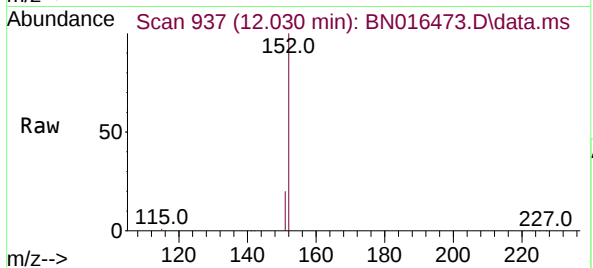




#11
2-Methylnaphthalene-d10
Concen: 0.313 ng
RT: 12.030 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

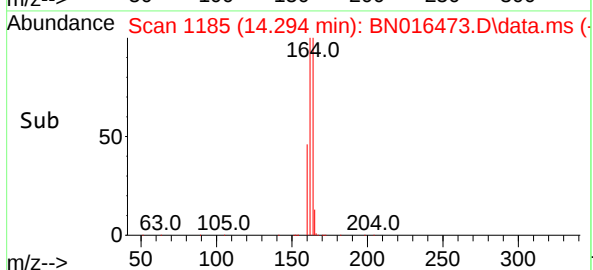
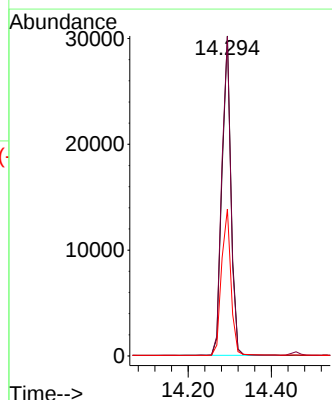
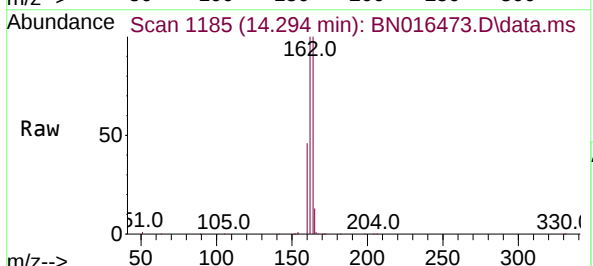
Instrument :
BNA_N
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RE132D2-20210914

Tgt Ion:152 Resp: 41130
Ion Ratio Lower Upper
152 100
151 21.2 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: BN016473.D
Acq: 25 Sep 2021 13:54

Tgt Ion:164 Resp: 45117
Ion Ratio Lower Upper
164 100
162 99.8 79.0 118.4
160 45.9 34.1 51.1

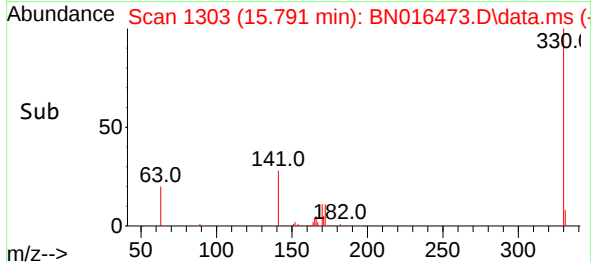
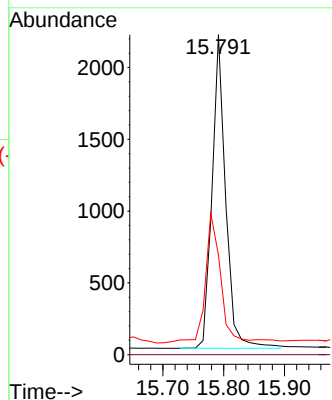
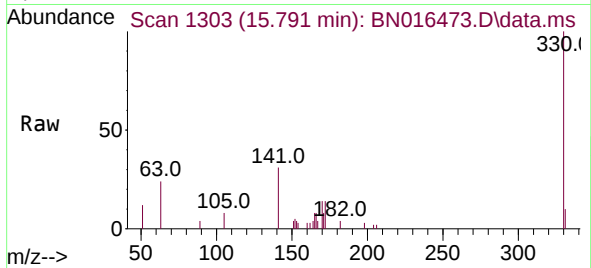




#14
2,4,6-Tribromophenol
Concen: 0.326 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

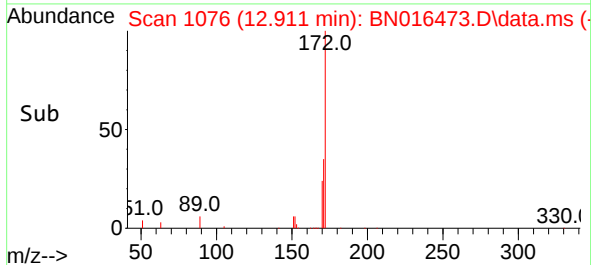
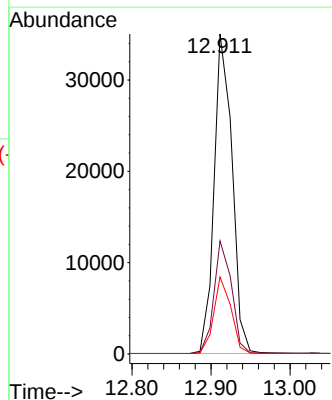
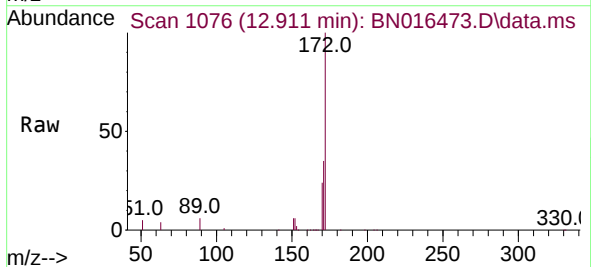
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BNA_N
ClientSampleId :
RE132D2-20210914

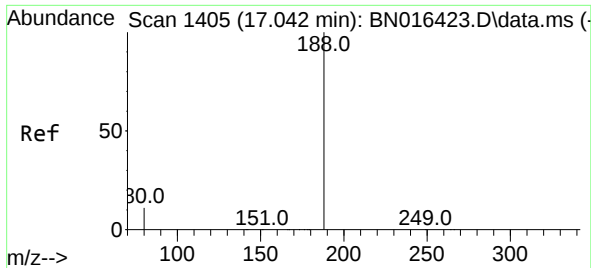
Tgt Ion: 330 Resp: 3392
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.5 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

Tgt Ion: 172 Resp: 55412
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.6
170 24.1 18.2 27.2

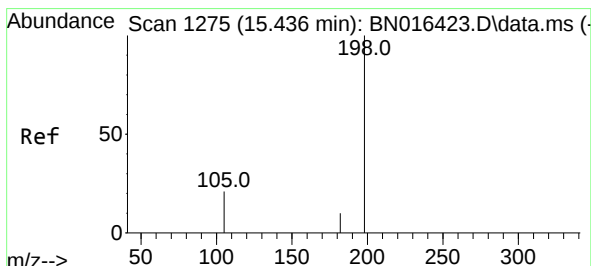
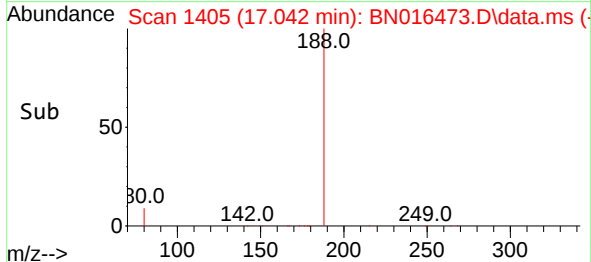
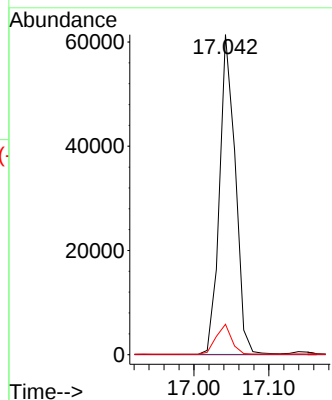
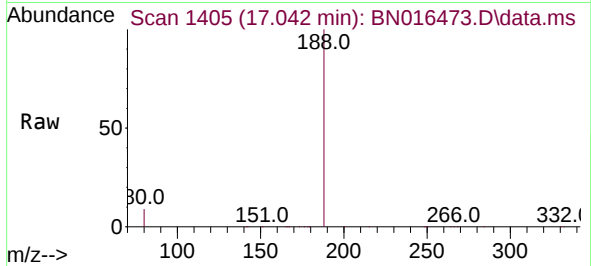




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

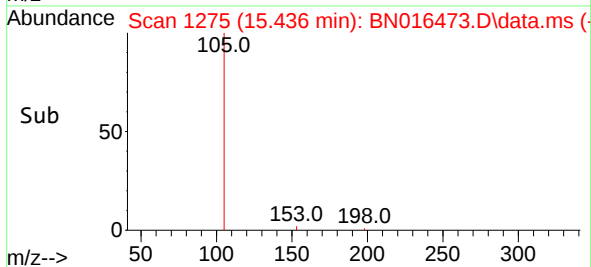
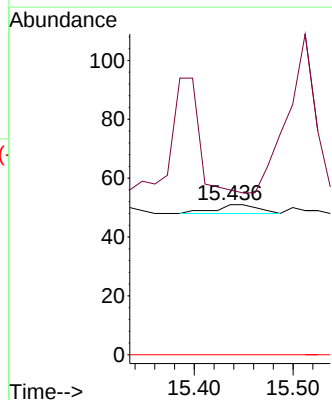
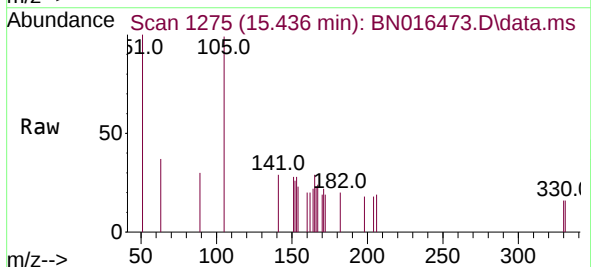
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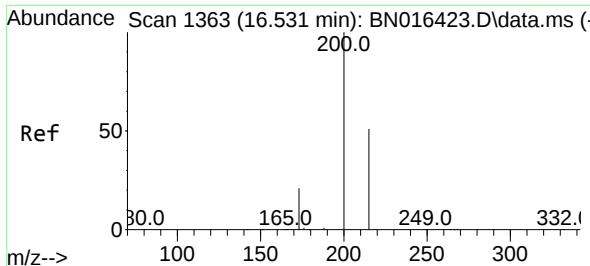
Tgt Ion:188	Resp:	90031
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	9.5	10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

Tgt Ion:198	Resp:	9
Ion Ratio	Lower	Upper
198	100	
182	109.8	26.6
77	0.0	0.0

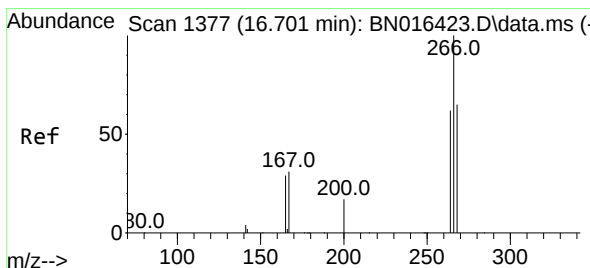
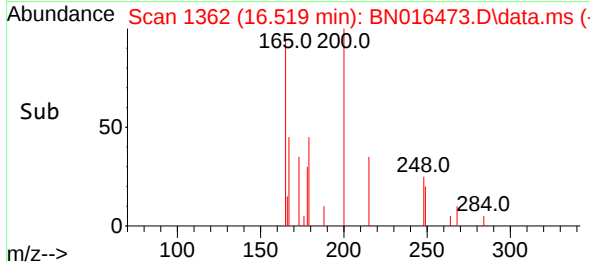
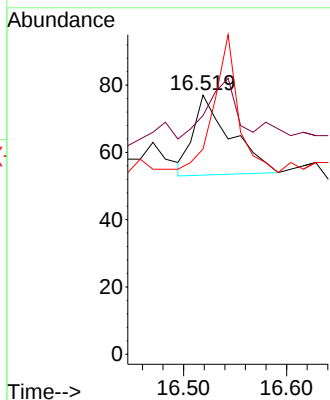
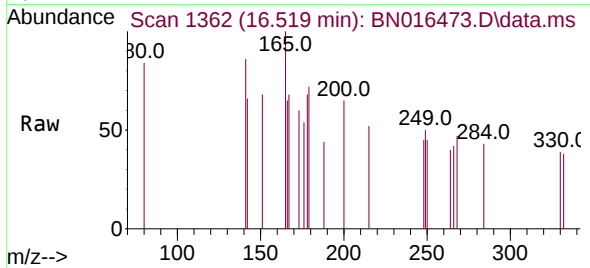




#23
Atrazine
Concen: 0.136 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

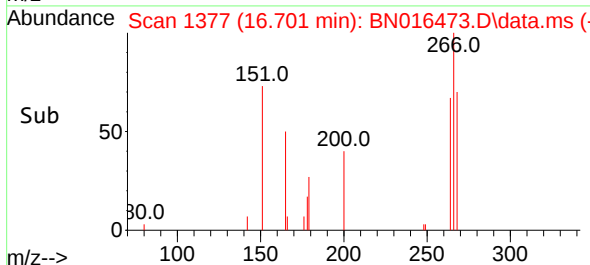
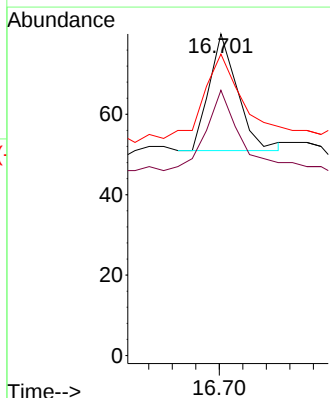
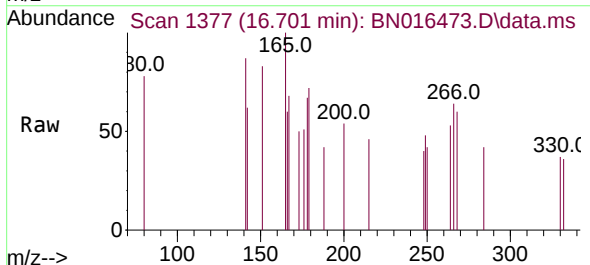
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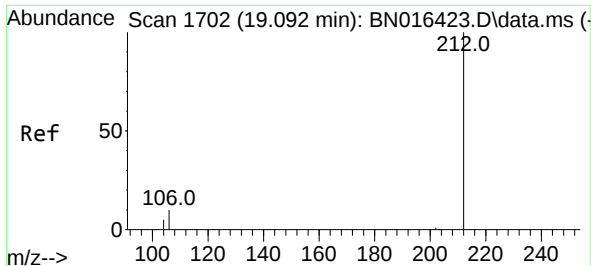
Tgt Ion:200 Resp: 60
Ion Ratio Lower Upper
200 100
173 92.2 18.7 28.1#
215 79.2 41.6 62.4#



#24
Pentachlorophenol
Concen: 0.246 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

Tgt Ion:266 Resp: 49
Ion Ratio Lower Upper
266 100
264 89.8 50.6 75.8#
268 124.5 52.6 79.0#

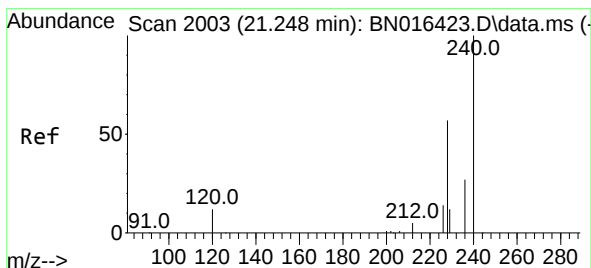
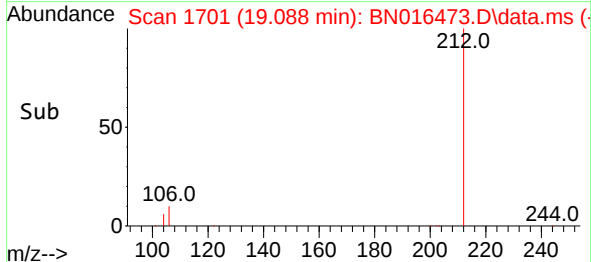
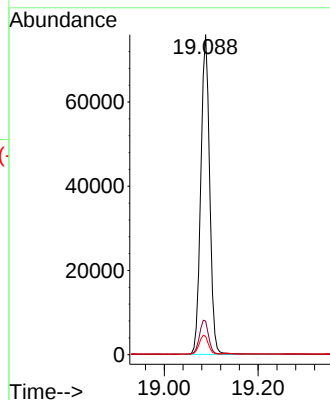
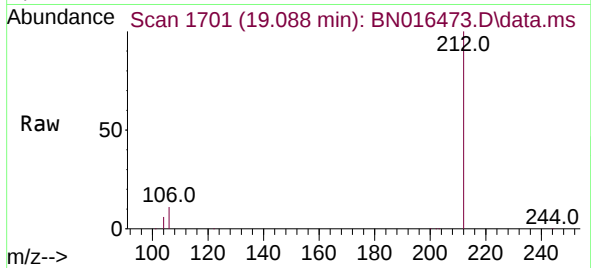




#27
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

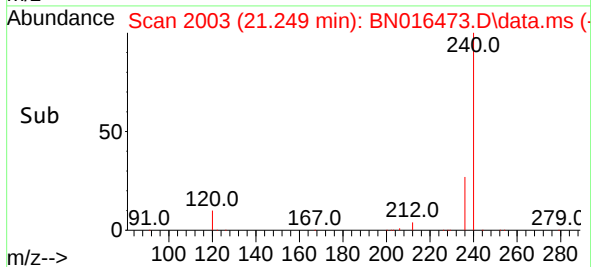
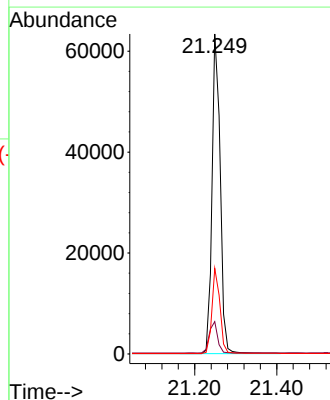
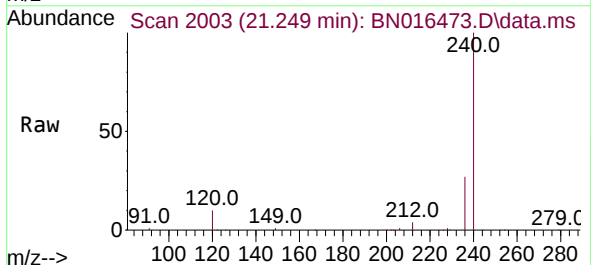
Instrument :
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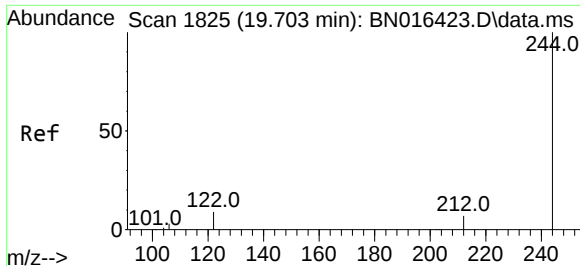
Tgt Ion:212 Resp: 99014
Ion Ratio Lower Upper
212 100
106 11.0 9.8 14.6
104 6.1 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

Tgt Ion:240 Resp: 87661
Ion Ratio Lower Upper
240 100
120 10.1 5.3 7.9#
236 26.7 19.8 29.8

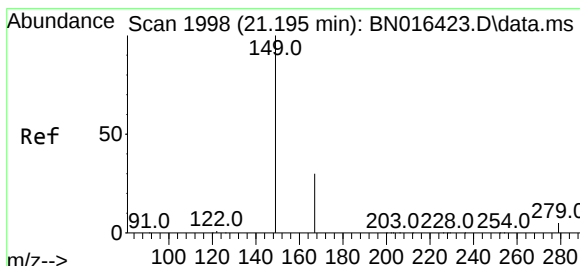
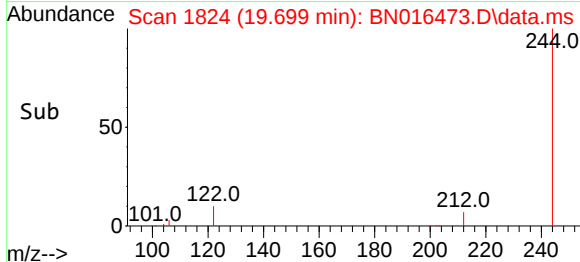
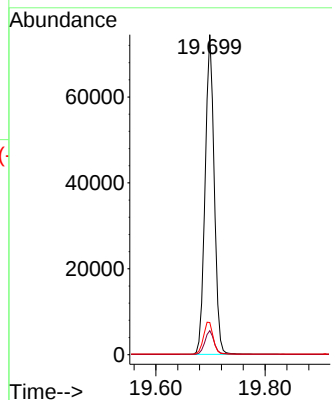
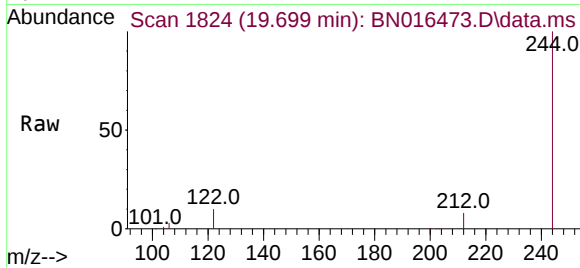




#31
Terphenyl-d14
Concen: 0.426 ng
RT: 19.699 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

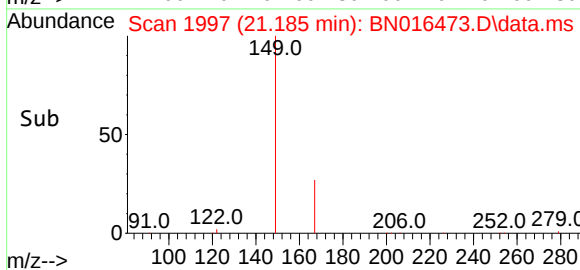
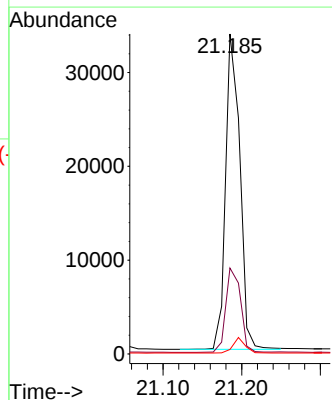
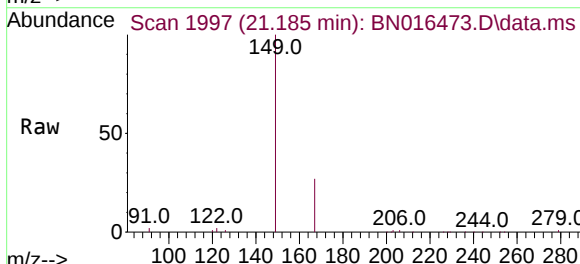
Instrument :
BNA_N
ClientSampleId :
RE132D2-20210914

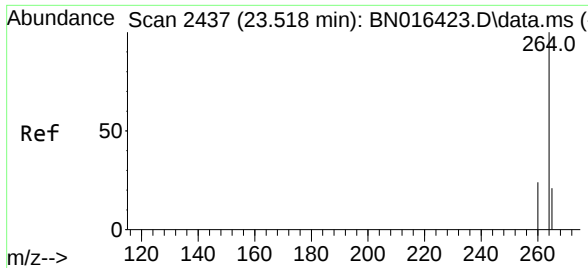
Tgt Ion:244 Resp: 86883
Ion Ratio Lower Upper
244 100
212 7.5 5.5 8.3
122 10.1 9.0 13.4



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.607 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN016473.D
Acq: 25 Sep 2021 13:54

Tgt Ion:149 Resp: 42094
Ion Ratio Lower Upper
149 100
167 27.7 23.4 35.0
279 4.2 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: BN016473.D
 Acq: 25 Sep 2021 13:54

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20210914

Tgt Ion:264	Resp:	75364
Ion Ratio	Lower	Upper
264	100	
260	24.5	18.9 28.3
265	23.5	23.7 35.5#

