

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016513.D
 Acq On : 26 Sep 2021 16:25
 Operator : CG/JU
 Sample : M3833-14
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D3-20210920

Quant Time: Sep 27 05:31:33 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)

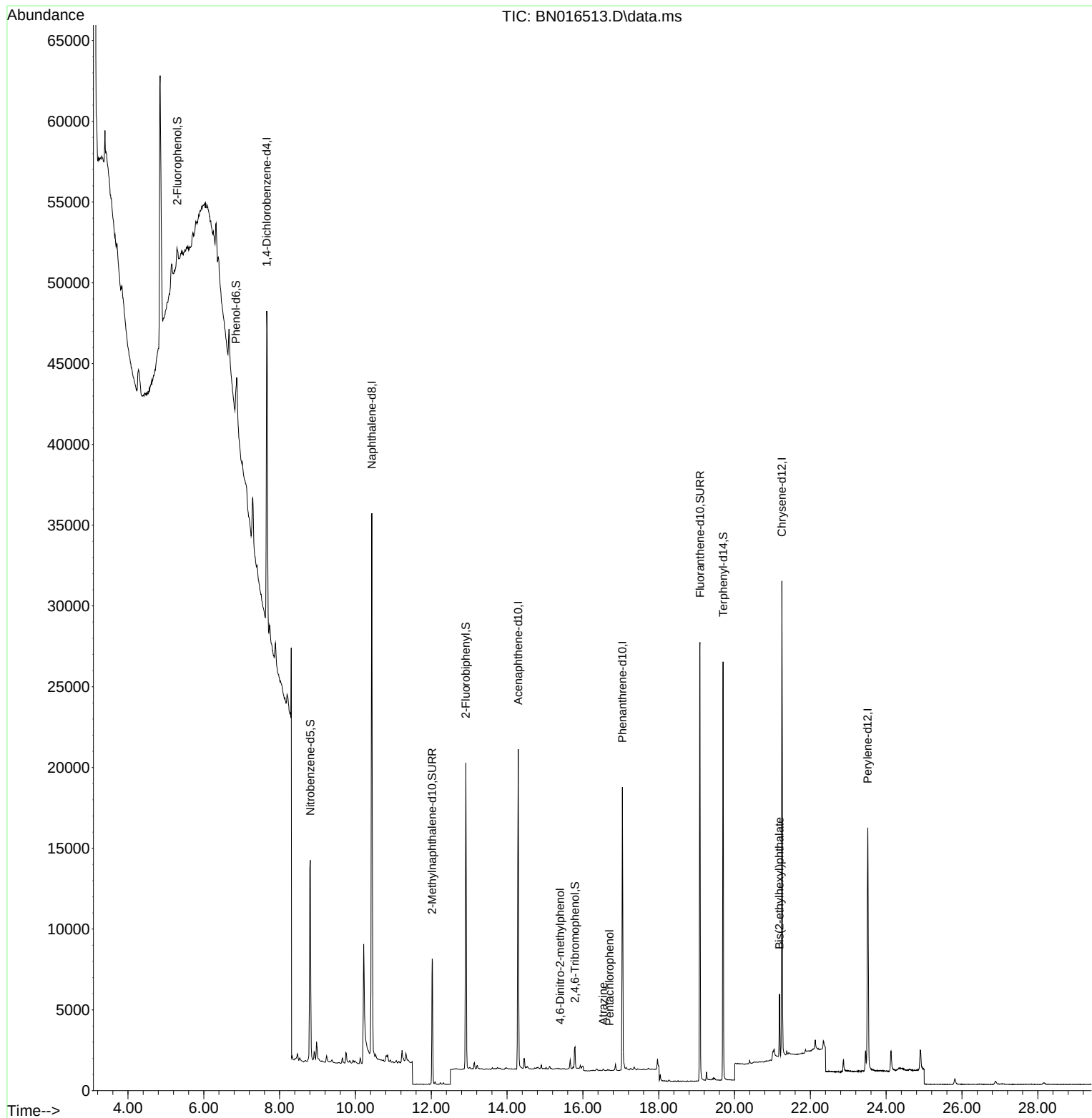
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	12373	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	42441	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	9106	0.400	ng	# 0.00
19) Phenanthrene-d10	17.042	188	22947	0.400	ng	0.00
29) Chrysene-d12	21.249	240	27601	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	19779	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	1287	0.046	ng	0.02
5) Phenol-d6	6.849	99	1477	0.045	ng	0.00
8) Nitrobenzene-d5	8.810	82	10803	0.360	ng	0.00
11) 2-Methylnaphthalene-d10	12.025	152	10380	0.165	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	1093	0.448	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	15529	0.406	ng	-0.01
27) Fluoranthene-d10	19.088	212	31524	0.501	ng	0.00
31) Terphenyl-d14	19.698	244	25486	0.397	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.398	198	2	0.148	ng	# 1
23) Atrazine	16.531	200	7	0.136	ng	# 1
24) Pentachlorophenol	16.701	266	18	0.247	ng	90
34) Bis(2-ethylhexyl)phtha...	21.185	149	3326	0.152	ng	# 94

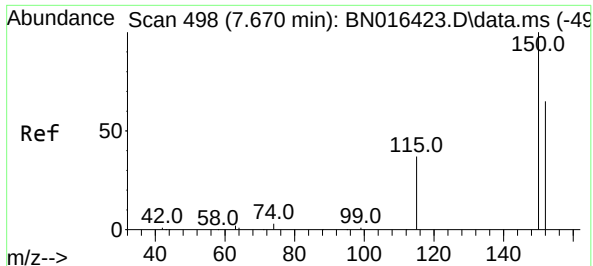
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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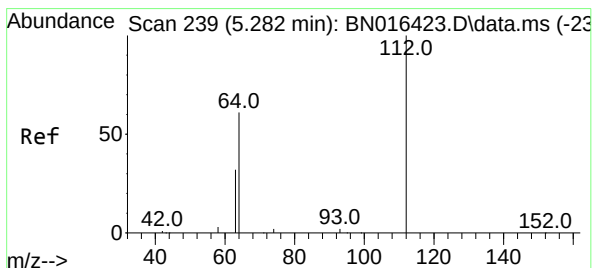
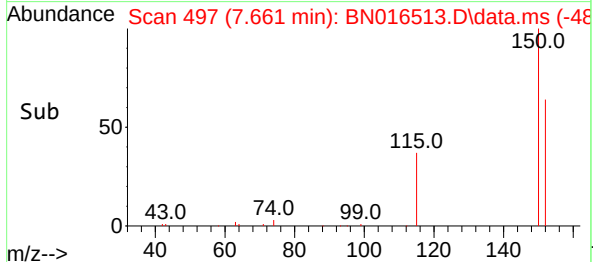
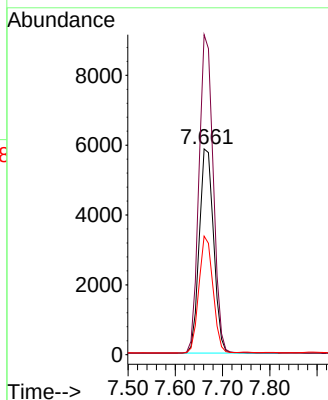
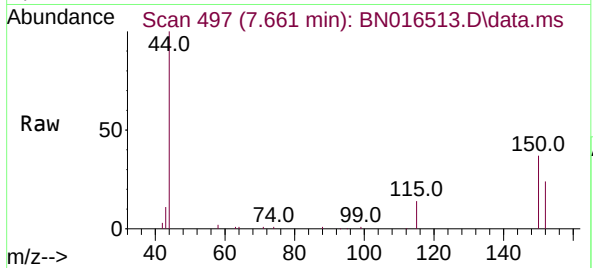




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.661 min Scan# 497
Delta R.T. -0.009 min
Lab File: BN016513.D
Acq: 26 Sep 2021 16:25

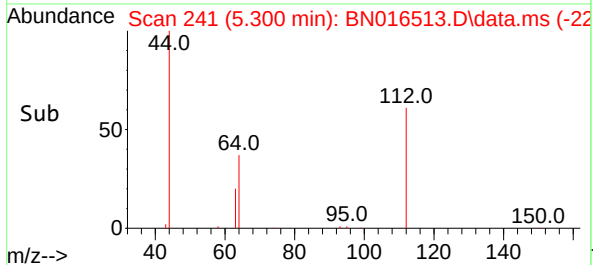
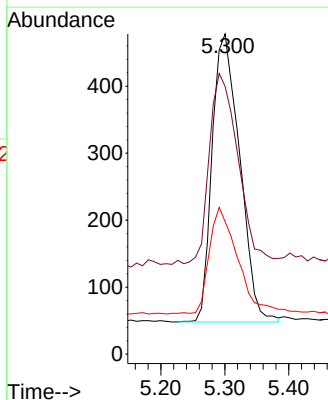
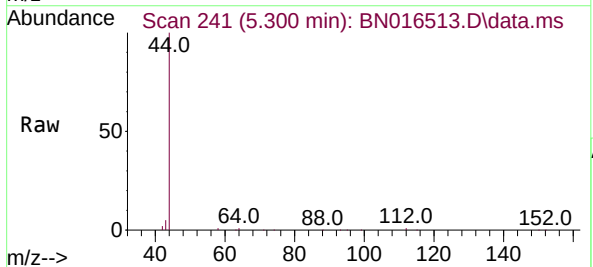
Instrument :
BNA_N
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RE122D3-20210920

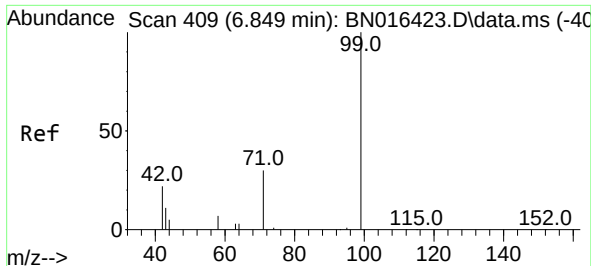
Tgt Ion:152 Resp: 12373
Ion Ratio Lower Upper
152 100
150 155.5 125.6 188.4
115 57.6 50.2 75.2



#4
2-Fluorophenol
Concen: 0.046 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016513.D
Acq: 26 Sep 2021 16:25

Tgt Ion:112 Resp: 1287
Ion Ratio Lower Upper
112 100
64 69.6 47.3 70.9
63 38.2 23.4 35.0#

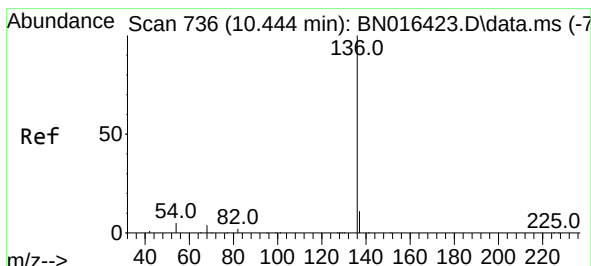
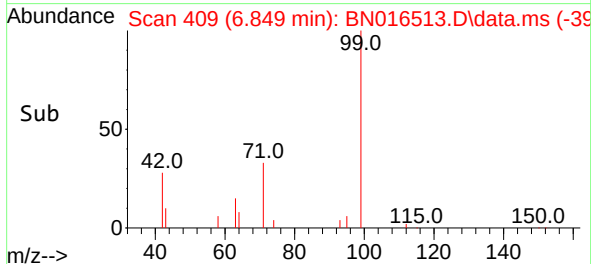
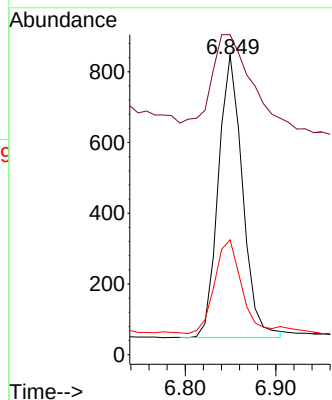
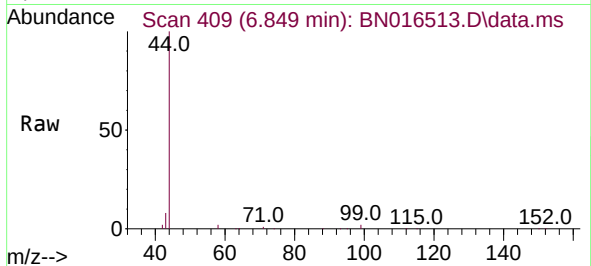




#5
Phenol-d6
Concen: 0.045 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016513.D
Acq: 26 Sep 2021 16:25

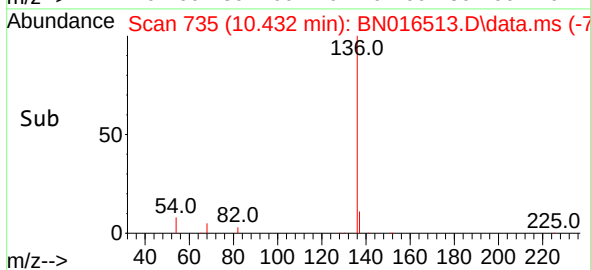
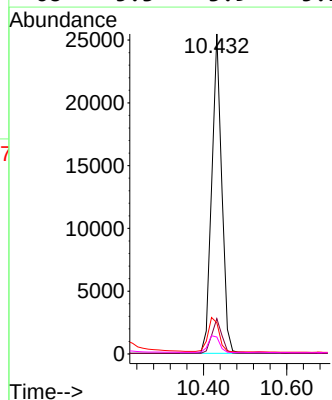
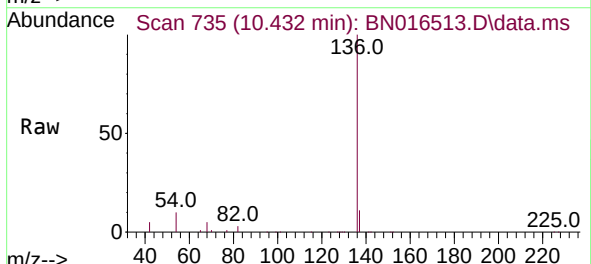
Instrument :
BNA_N
ClientSampleId :
RE122D3-20210920

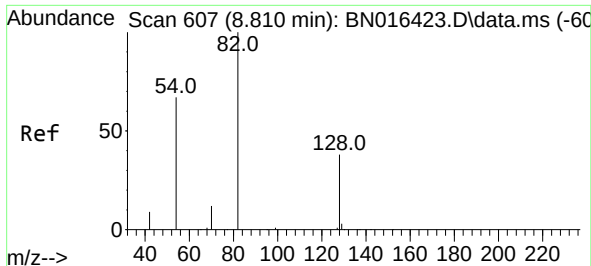
Tgt Ion: 99 Resp: 1477
Ion Ratio Lower Upper
99 100
42 46.6 14.0 21.0#
71 37.0 23.8 35.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016513.D
Acq: 26 Sep 2021 16:25

Tgt Ion: 136 Resp: 42441
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.8 5.3 7.9#
68 5.3 3.9 5.9

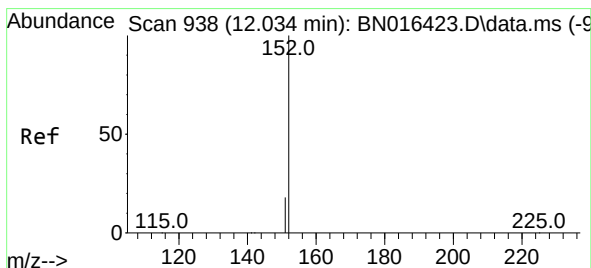
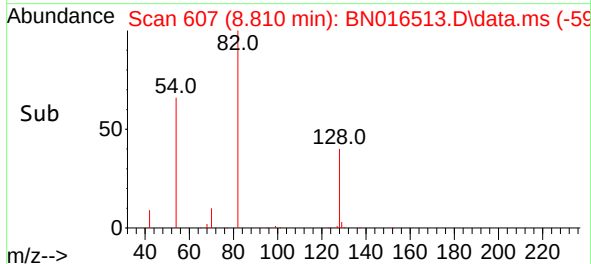
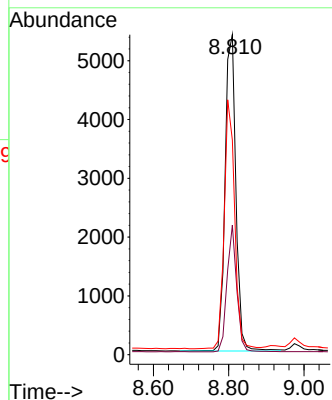
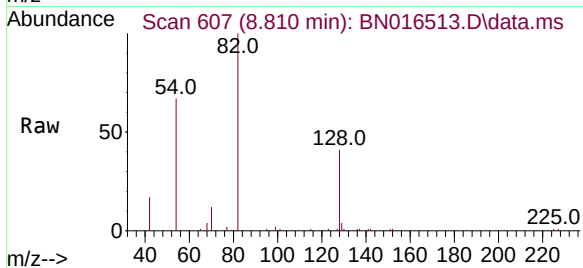




#8
Nitrobenzene-d5
Concen: 0.360 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016513.D
Acq: 26 Sep 2021 16:25

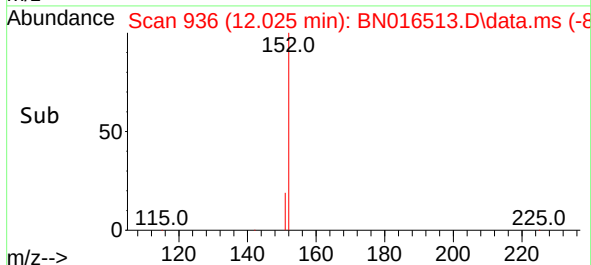
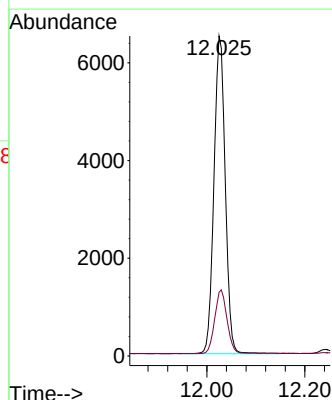
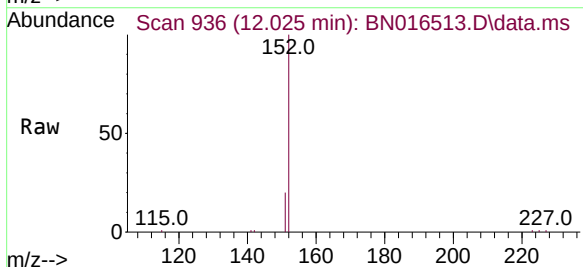
Instrument :
BNA_N
ClientSampleId :
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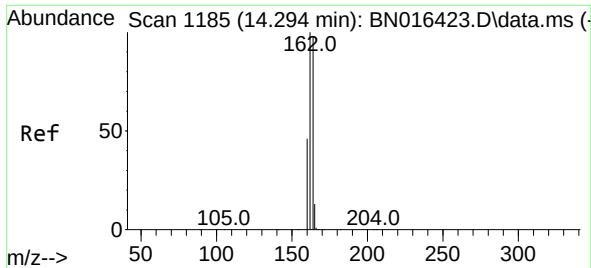
Tgt Ion: 82 Resp: 10803
Ion Ratio Lower Upper
82 100
128 40.5 31.7 47.5
54 67.0 46.4 69.6



#11
2-Methylnaphthalene-d10
Concen: 0.165 ng
RT: 12.025 min Scan# 936
Delta R.T. -0.009 min
Lab File: BN016513.D
Acq: 26 Sep 2021 16:25

Tgt Ion: 152 Resp: 10380
Ion Ratio Lower Upper
152 100
151 21.8 16.1 24.1

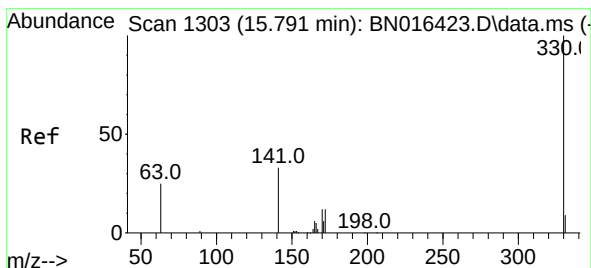
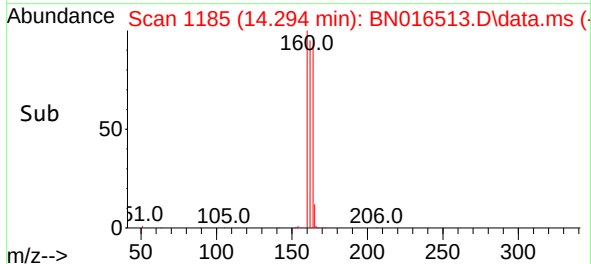
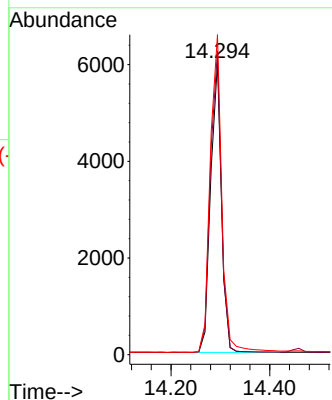
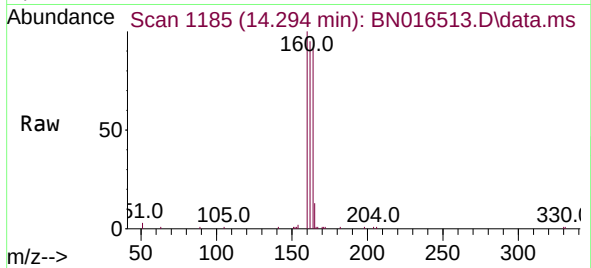




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016513.D
Acq: 26 Sep 2021 16:25

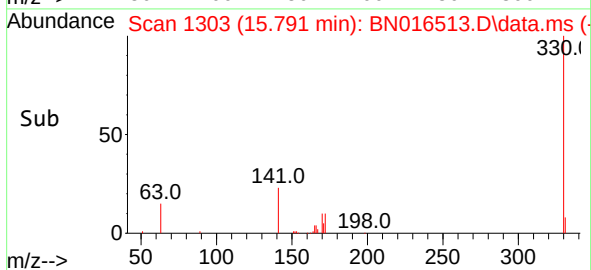
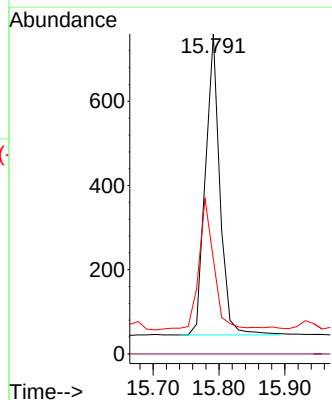
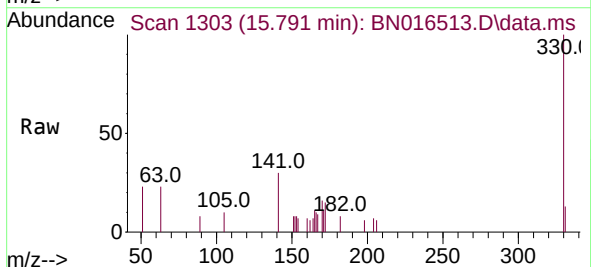
Instrument :
BNA_N
ClientSampleId :
RE122D3-20210920

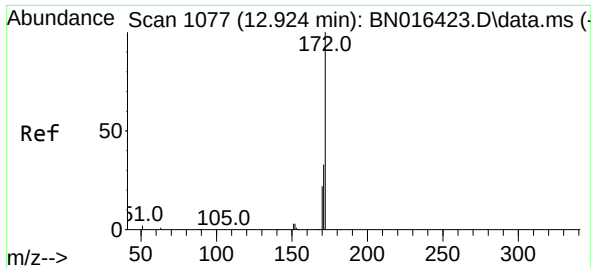
Tgt Ion:164 Resp: 9106
Ion Ratio Lower Upper
164 100
162 104.0 79.0 118.4
160 109.6 34.1 51.1#



#14
2,4,6-Tribromophenol
Concen: 0.448 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016513.D
Acq: 26 Sep 2021 16:25

Tgt Ion:330 Resp: 1093
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 44.0 25.0 37.4#

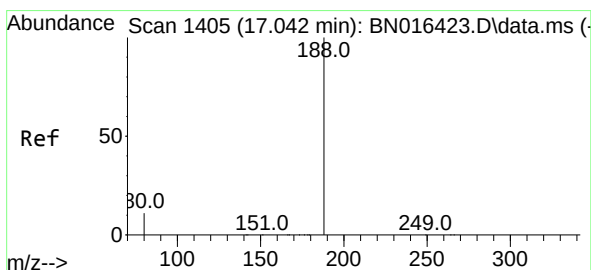
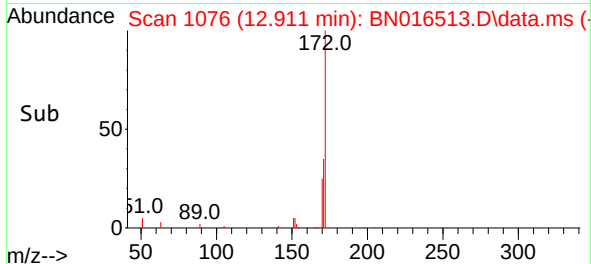
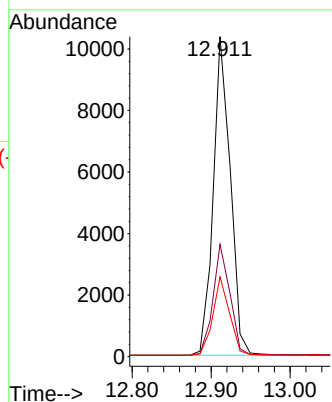
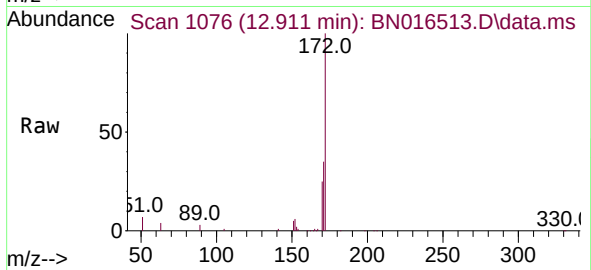




#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016513.D
Acq: 26 Sep 2021 16:25

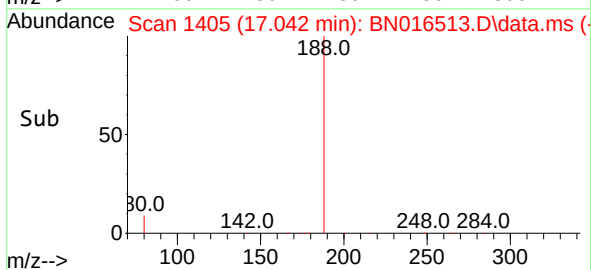
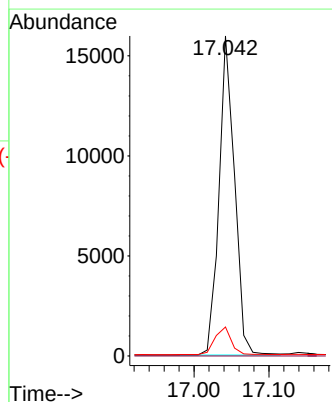
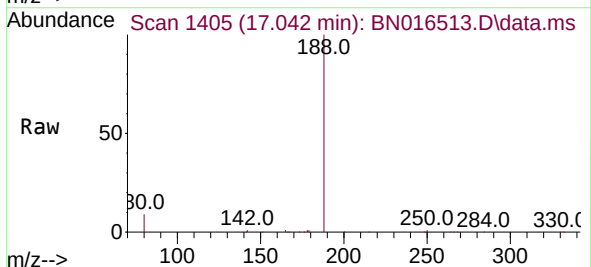
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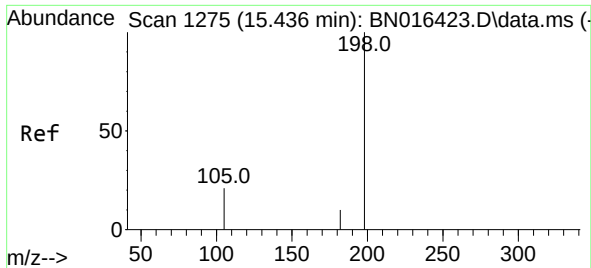
Tgt Ion:	172	Resp:	15529
Ion Ratio	Lower	Upper	
172	100		
171	35.1	27.8	41.6
170	24.9	18.2	27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016513.D
Acq: 26 Sep 2021 16:25

Tgt Ion:	188	Resp:	22947
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.0	7.0	10.6

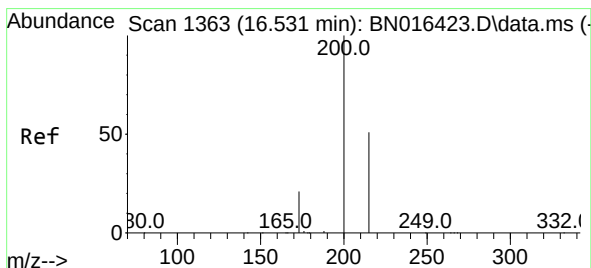
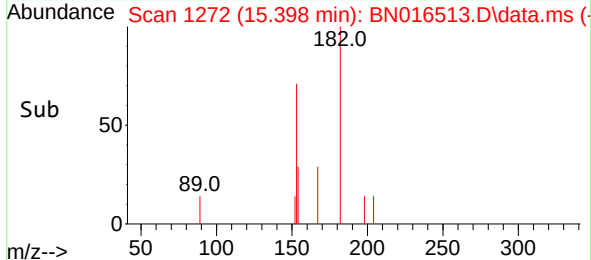
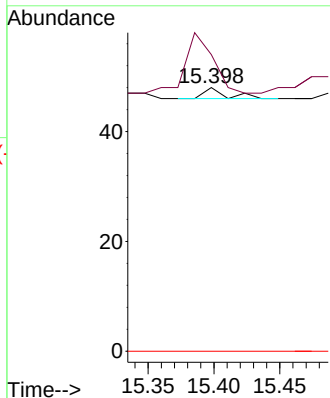
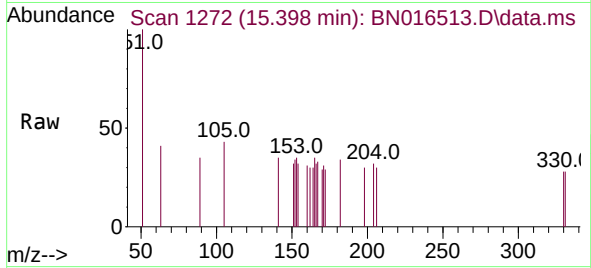




#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.398 min Scan# 1272
Delta R.T. -0.038 min
Lab File: BN016513.D
Acq: 26 Sep 2021 16:25

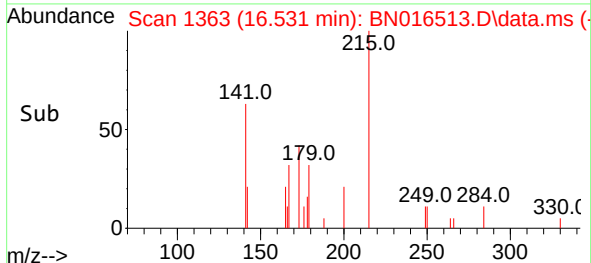
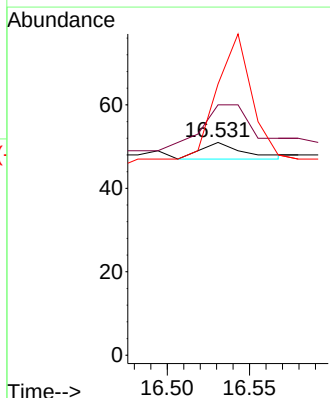
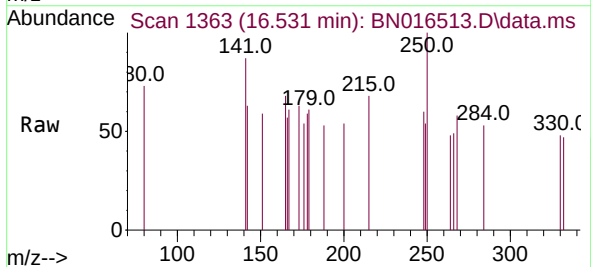
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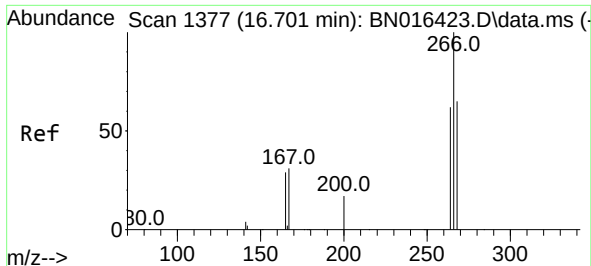
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 112.5 26.6 39.8#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.136 ng
RT: 16.531 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BN016513.D
Acq: 26 Sep 2021 16:25

Tgt Ion:200 Resp: 7
Ion Ratio Lower Upper
200 100
173 117.6 18.7 28.1#
215 127.5 41.6 62.4#

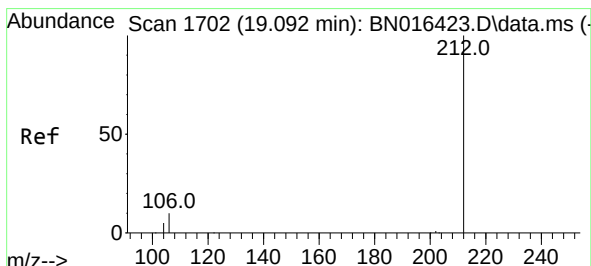
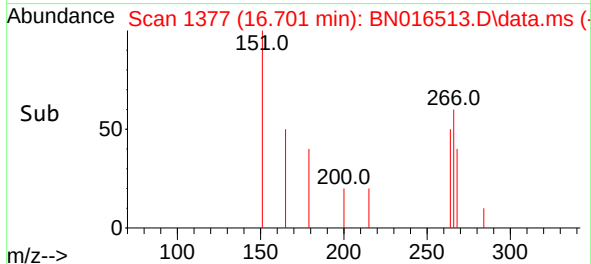
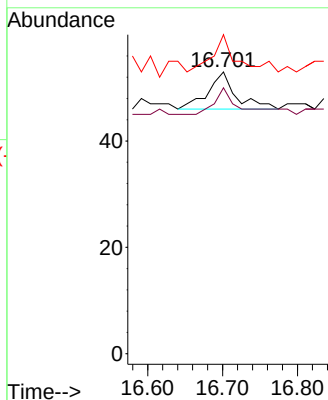
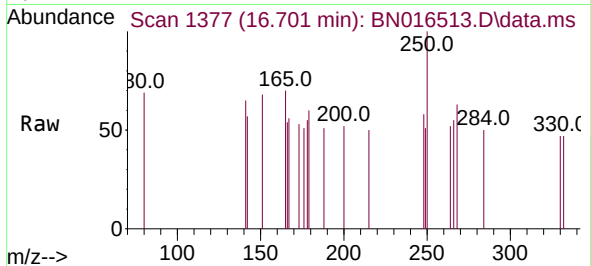




#24
Pentachlorophenol
Concen: 0.247 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016513.D
Acq: 26 Sep 2021 16:25

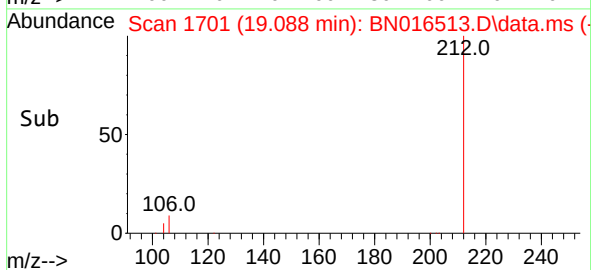
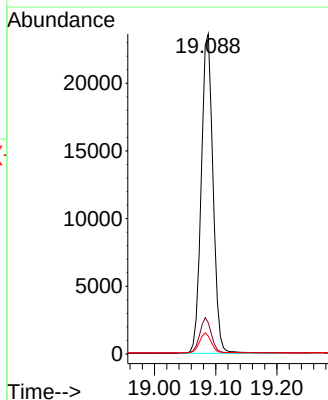
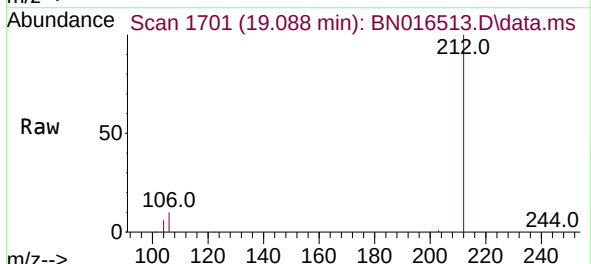
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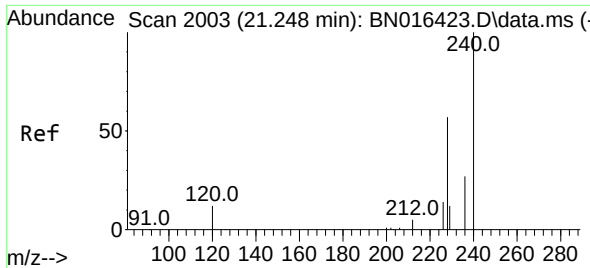
Tgt Ion:	266	Resp:	18
Ion Ratio	Lower	Upper	
266	100		
264	66.7	50.6	75.8
268	77.8	52.6	79.0



#27
Fluoranthene-d10
Concen: 0.501 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016513.D
Acq: 26 Sep 2021 16:25

Tgt Ion:	212	Resp:	31524
Ion Ratio	Lower	Upper	
212	100		
106	10.9	9.8	14.6
104	6.2	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: BN016513.D

Acq: 26 Sep 2021 16:25

Tgt Ion:240 Resp: 27601

Ion Ratio Lower Upper

240 100

120 10.1 5.3 7.9#

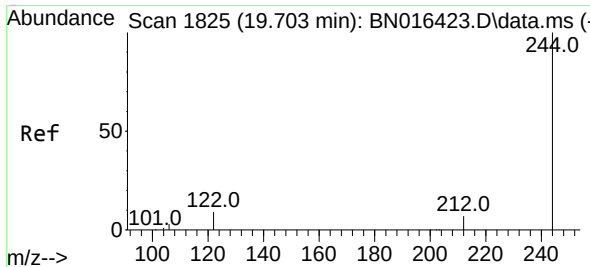
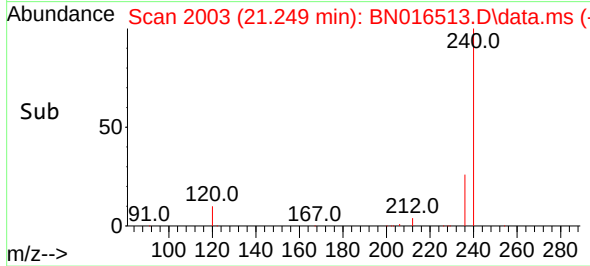
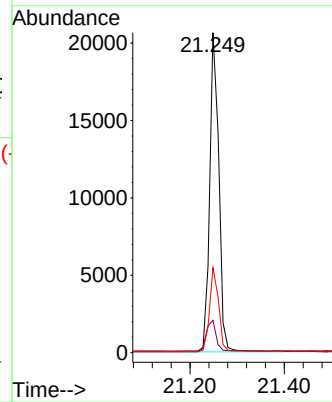
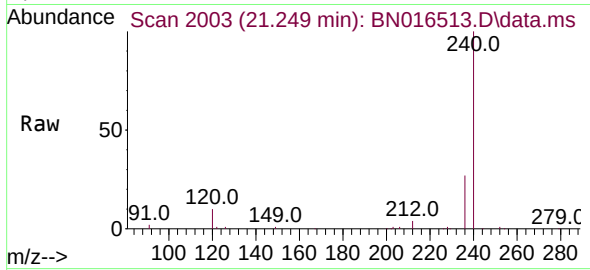
236 26.6 19.8 29.8

Instrument :

BNA_N

ClientSampleId :

RE122D3-20210920



#31

Terphenyl-d14

Concen: 0.397 ng

RT: 19.698 min Scan# 1824

Delta R.T. -0.005 min

Lab File: BN016513.D

Acq: 26 Sep 2021 16:25

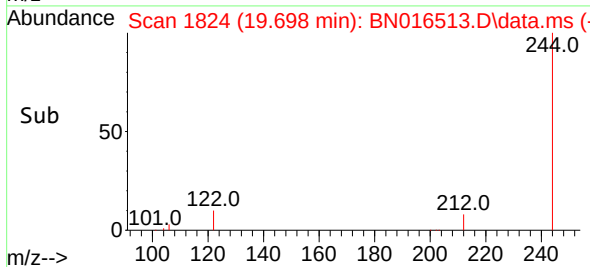
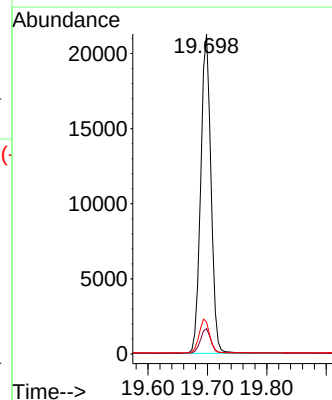
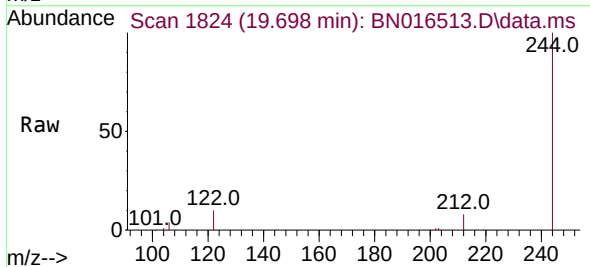
Tgt Ion:244 Resp: 25486

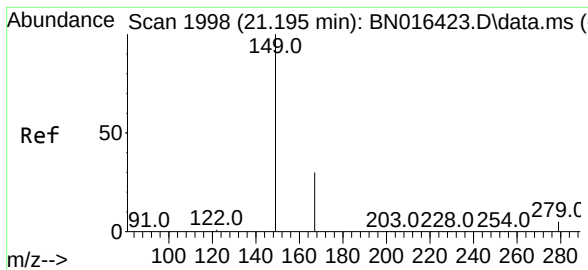
Ion Ratio Lower Upper

244 100

212 7.9 5.5 8.3

122 9.9 9.0 13.4

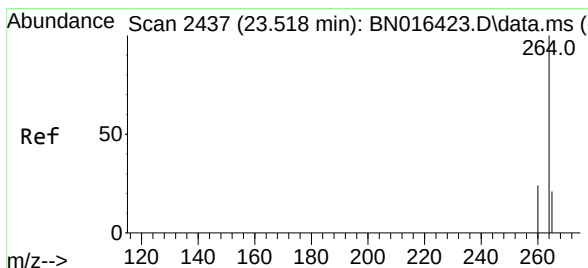
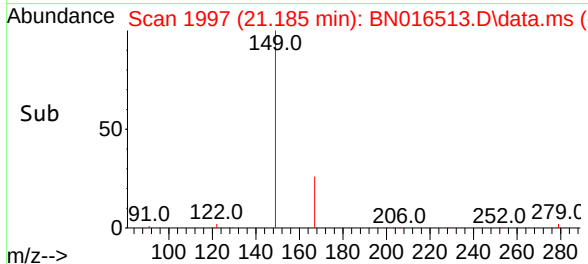
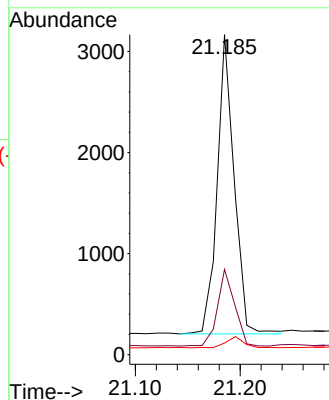
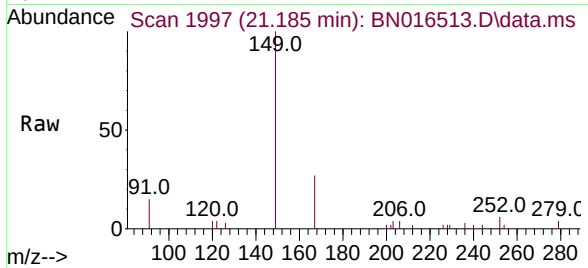




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.152 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN016513.D
Acq: 26 Sep 2021 16:25

Instrument :
BNA_N
ClientSampleId :
RE122D3-20210920

Tgt Ion:149 Resp: 3326
Ion Ratio Lower Upper
149 100
167 25.8 23.4 35.0
279 3.8 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: BN016513.D
Acq: 26 Sep 2021 16:25

Tgt Ion:264 Resp: 19779
Ion Ratio Lower Upper
264 100
260 25.5 18.9 28.3
265 26.3 23.7 35.5

