

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
 Data File : BN016913.D
 Acq On : 13 Oct 2021 00:49
 Operator : CG/JU
 Sample : M4154-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-31

Quant Time: Oct 13 06:19:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 02:19:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

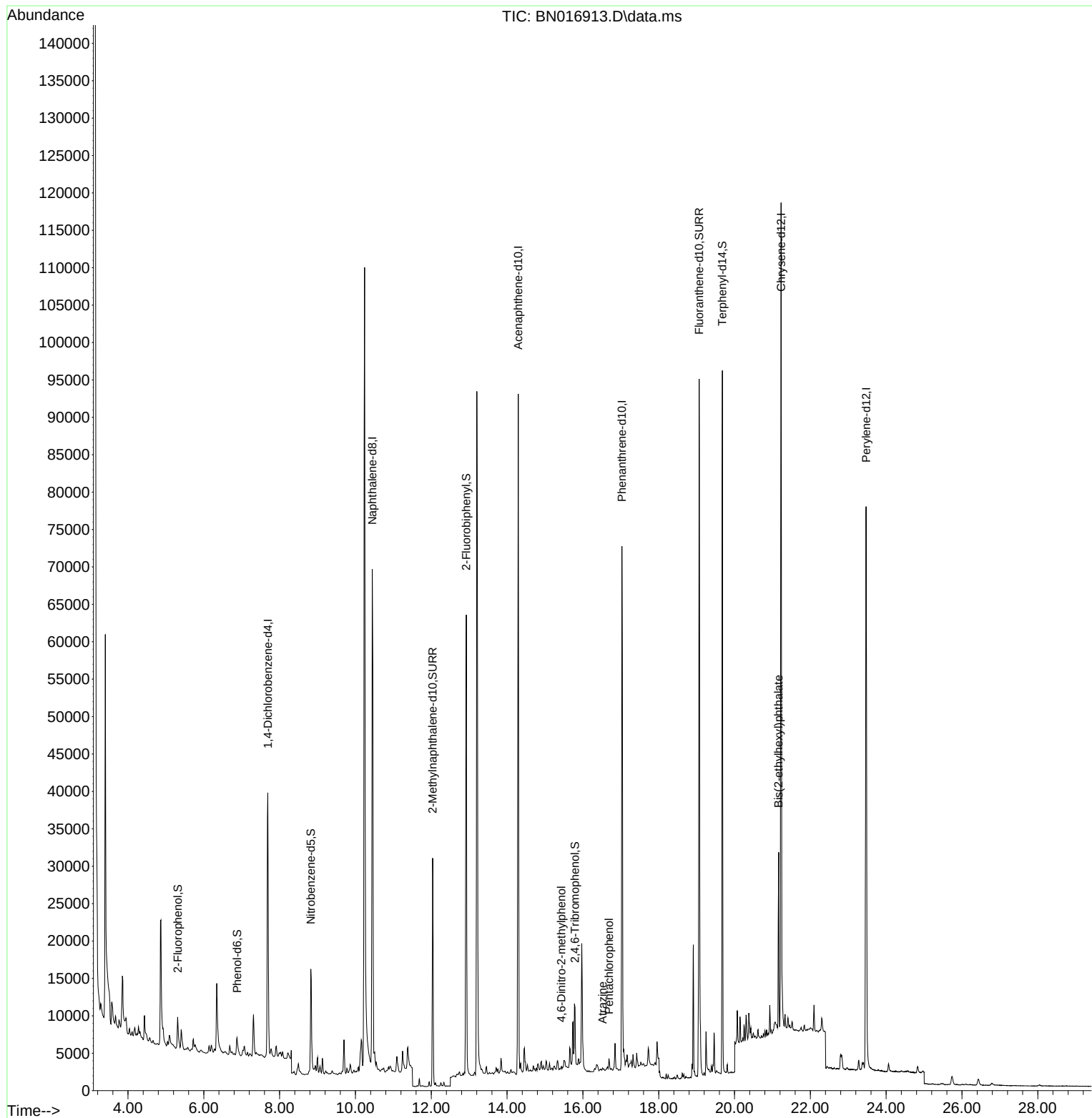
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	20988	0.400	ng	0.00
7) Naphthalene-d8	10.444	136	94719	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	50630	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	99446	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	98858	0.400	ng	# 0.00
35) Perylene-d12	23.471	264	102360	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.309	112	4744	0.100	ng	0.02
5) Phenol-d6	6.877	99	2912	0.055	ng	0.00
8) Nitrobenzene-d5	8.822	82	13954	0.232	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	39895	0.301	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	7851	0.342	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	55083	0.287	ng	0.00
27) Fluoranthene-d10	19.068	212	103429	0.414	ng	0.00
31) Terphenyl-d14	19.678	244	90168	0.415	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.436	198	72	0.202	ng	# 1
23) Atrazine	16.518	200	275	0.095	ng	# 35
24) Pentachlorophenol	16.689	266	849	0.223	ng	99
34) Bis(2-ethylhexyl)phtha...	21.163	149	21311	0.304	ng	100

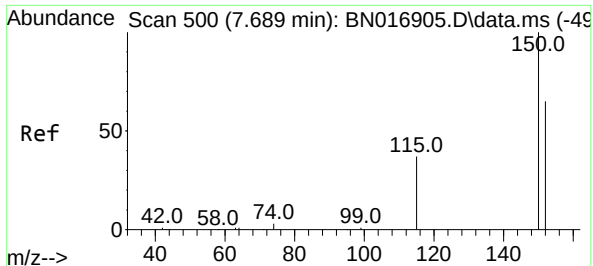
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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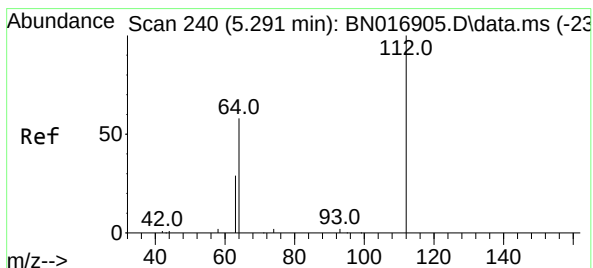
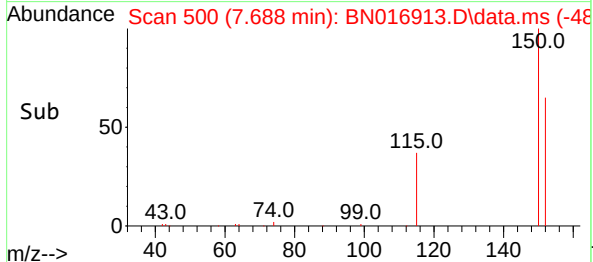
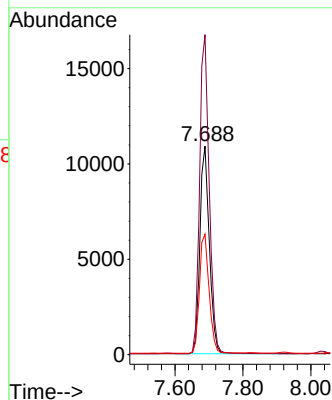
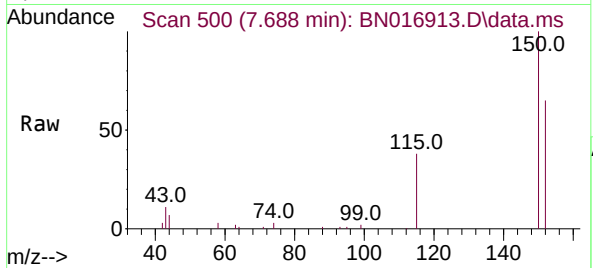




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.688 min Scan# 500
Delta R.T. -0.001 min
Lab File: BN016913.D
Acq: 13 Oct 2021 00:49

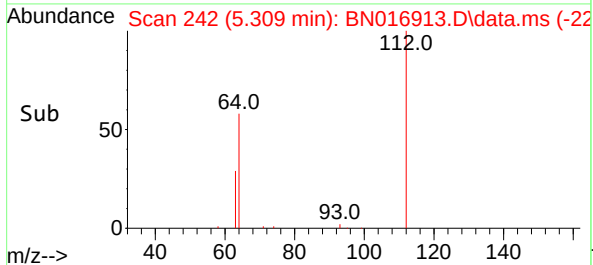
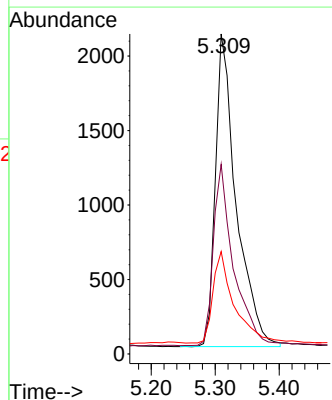
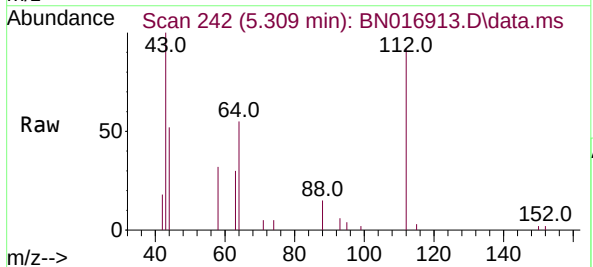
Instrument :
BNA_N
ClientSampleId :
SW-CB-31

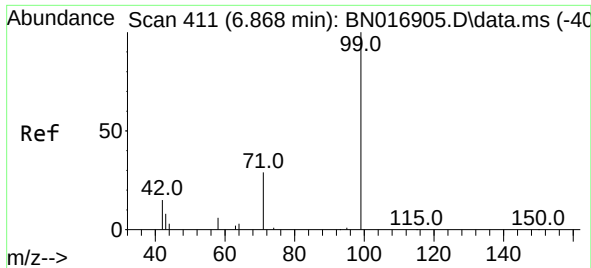
Tgt Ion:152 Resp: 20988
Ion Ratio Lower Upper
152 100
150 153.5 122.6 183.8
115 57.8 46.1 69.1



#4
2-Fluorophenol
Concen: 0.100 ng
RT: 5.309 min Scan# 242
Delta R.T. 0.018 min
Lab File: BN016913.D
Acq: 13 Oct 2021 00:49

Tgt Ion:112 Resp: 4744
Ion Ratio Lower Upper
112 100
64 56.3 45.0 67.4
63 29.7 22.6 33.8

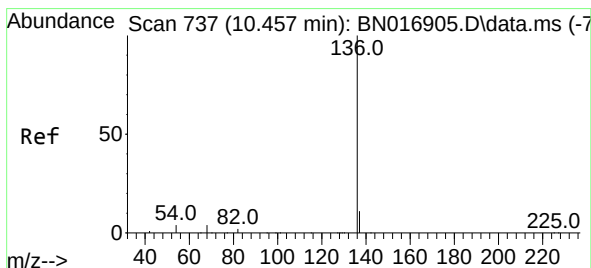
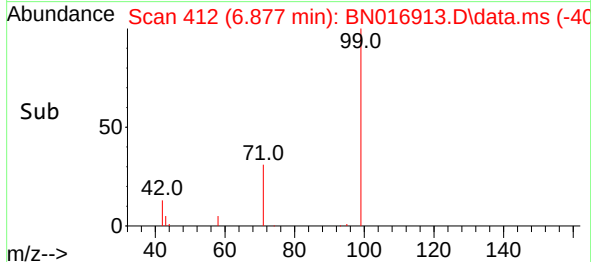
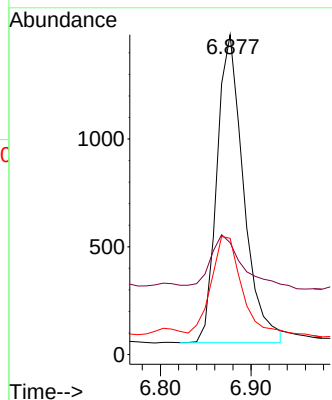
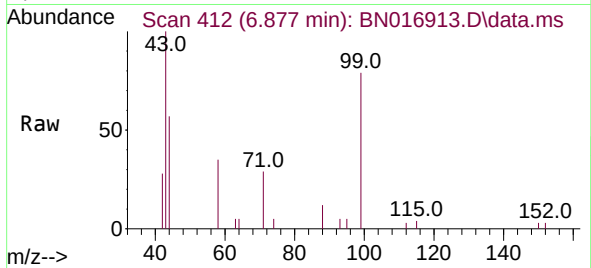




#5
Phenol-d6
Concen: 0.055 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN016913.D
Acq: 13 Oct 2021 00:49

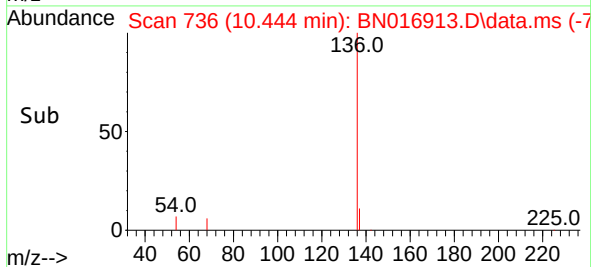
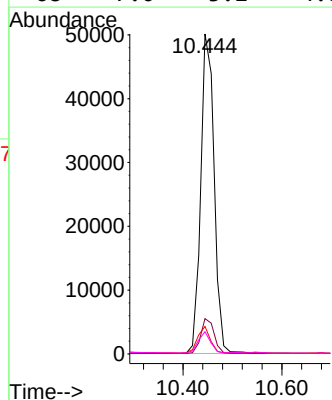
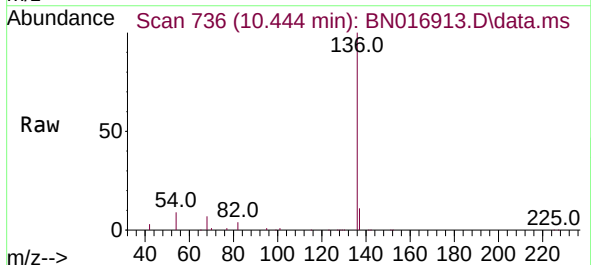
Instrument :
BNA_N
ClientSampleId :
SW-CB-31

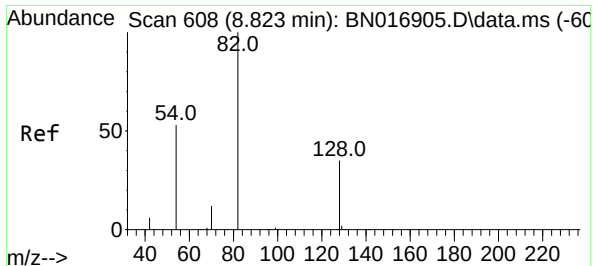
Tgt Ion:	99	Resp:	2912
Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.2	21.4
71	34.7	24.5	36.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.444 min Scan# 736
Delta R.T. -0.013 min
Lab File: BN016913.D
Acq: 13 Oct 2021 00:49

Tgt Ion:	136	Resp:	94719
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.6	3.7	5.5#
68	7.0	3.2	4.8#

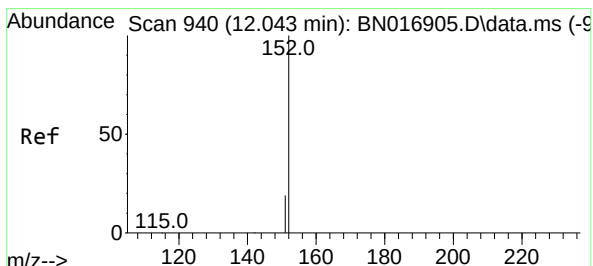
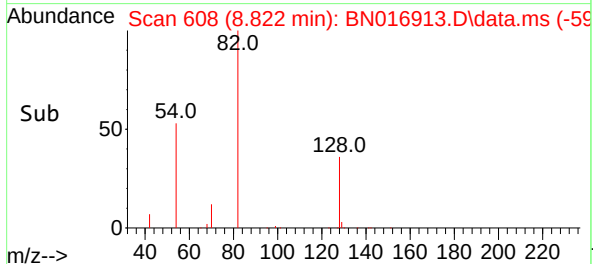
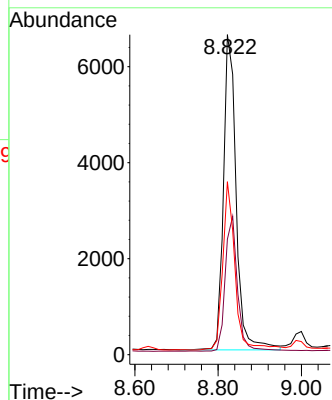
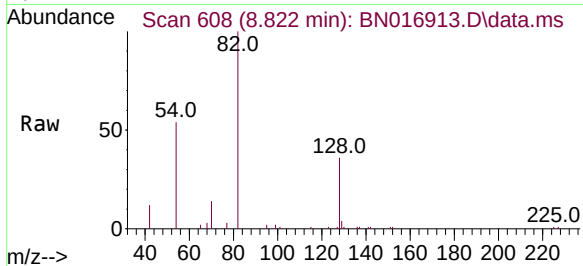




#8
Nitrobenzene-d5
Concen: 0.232 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN016913.D
Acq: 13 Oct 2021 00:49

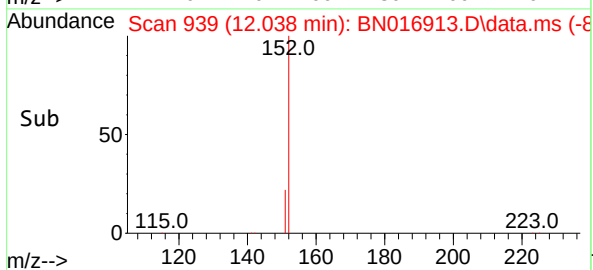
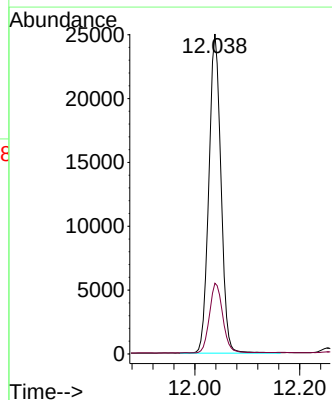
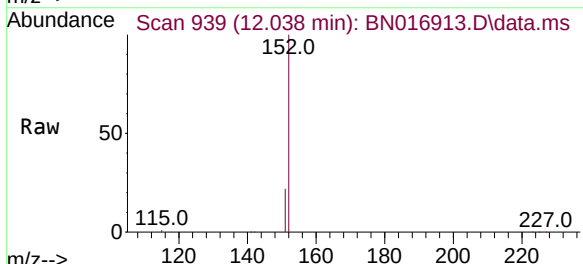
Instrument :
BNA_N
ClientSampleId :
SW-CB-31

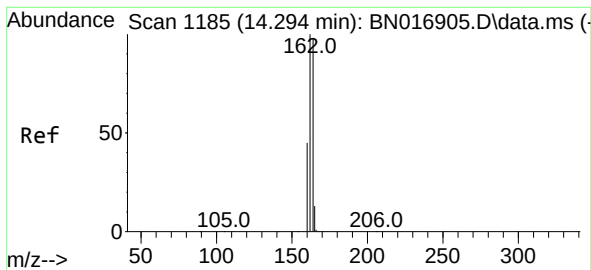
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.1	28.3	42.5
54	54.0	43.0	64.4



#11
2-Methylnaphthalene-d10
Concen: 0.301 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.005 min
Lab File: BN016913.D
Acq: 13 Oct 2021 00:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.9	16.2	24.4

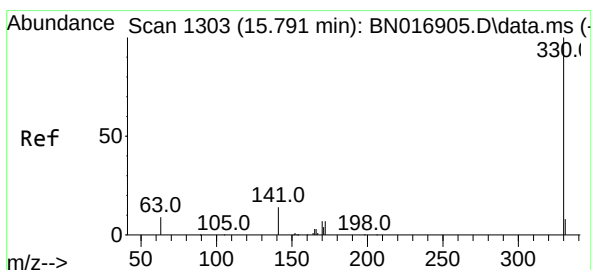
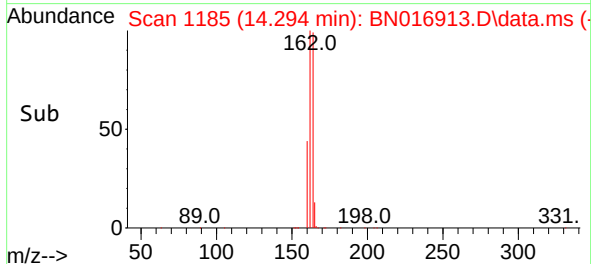
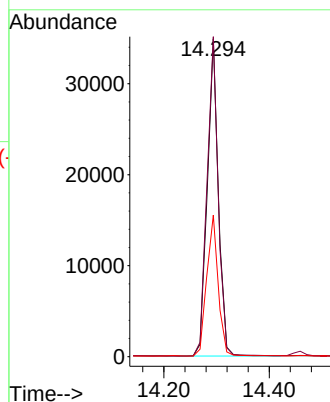
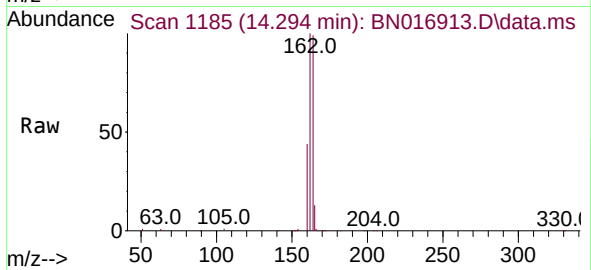




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN016913.D
Acq: 13 Oct 2021 00:49

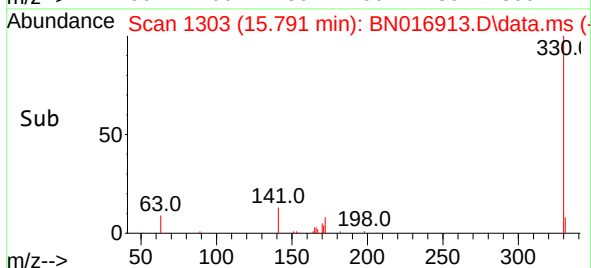
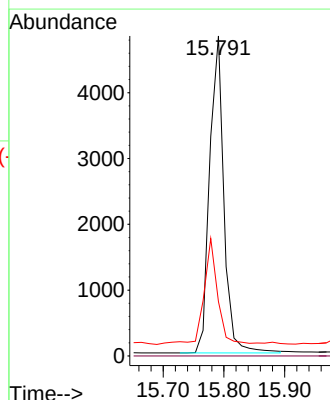
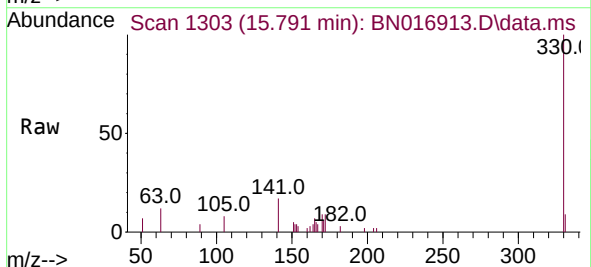
Instrument :
BNA_N
ClientSampleId :
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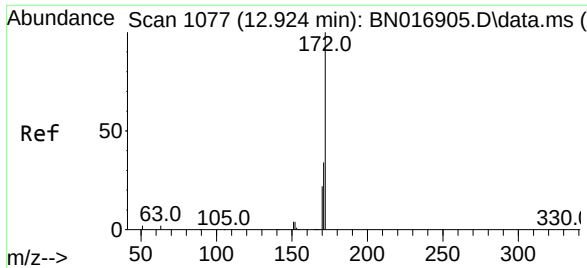
Tgt Ion:164 Resp: 50630
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 44.6 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.342 ng
RT: 15.791 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BN016913.D
Acq: 13 Oct 2021 00:49

Tgt Ion:330 Resp: 7851
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.7 24.4 36.6

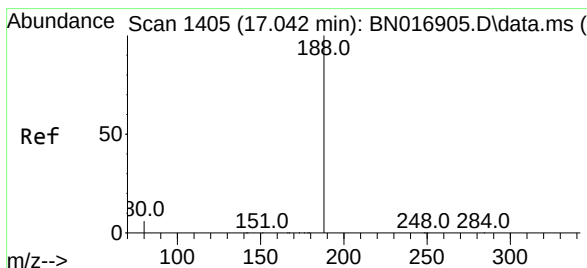
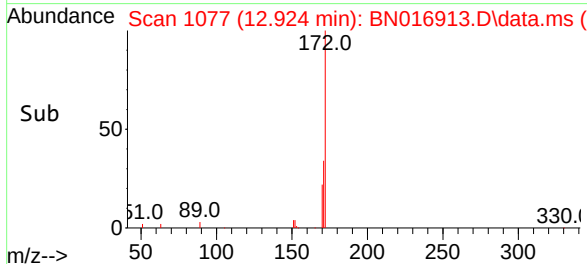
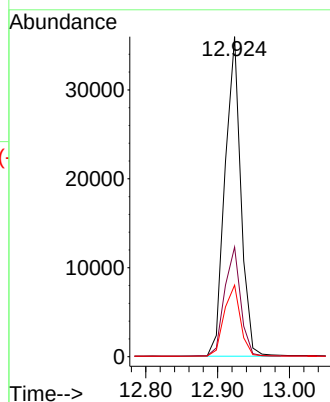
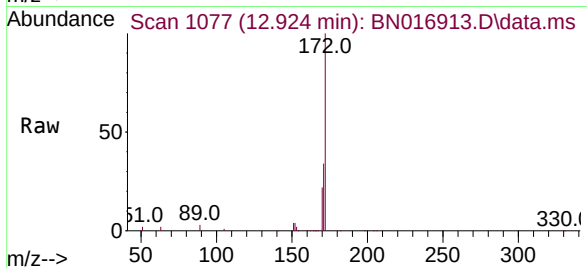




#15
2-Fluorobiphenyl
Concen: 0.287 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN016913.D
Acq: 13 Oct 2021 00:49

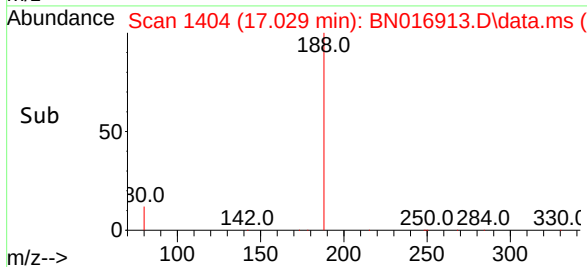
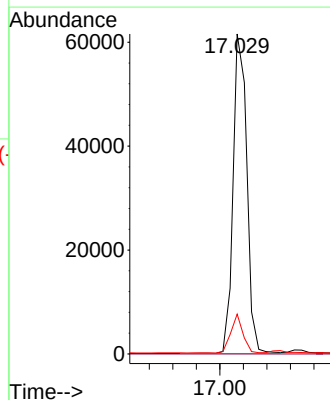
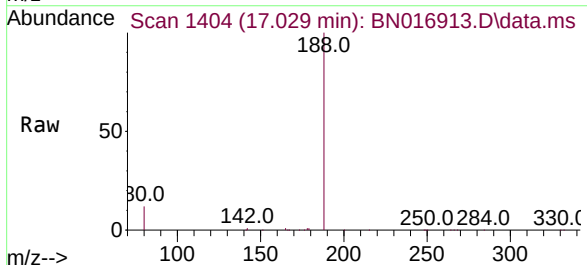
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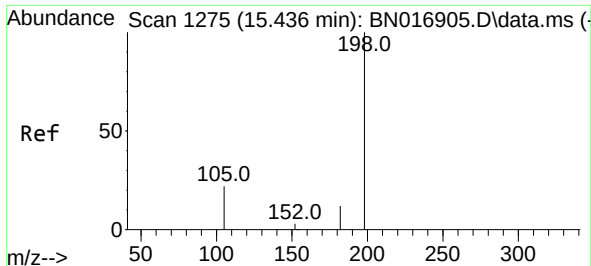
Tgt Ion:	172	Resp:	55083
Ion Ratio	Lower	Upper	
172	100		
171	34.3	27.4	41.0
170	22.3	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1404
Delta R.T. -0.013 min
Lab File: BN016913.D
Acq: 13 Oct 2021 00:49

Tgt Ion:	188	Resp:	99446
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.5	4.9	7.3

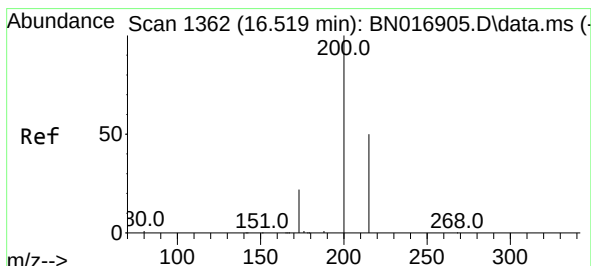
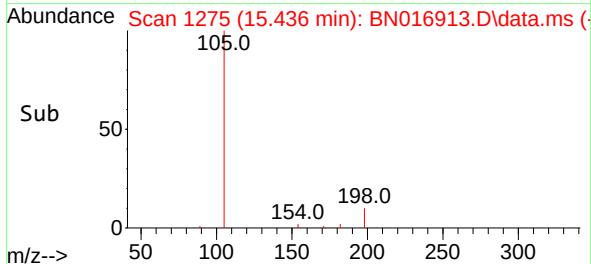
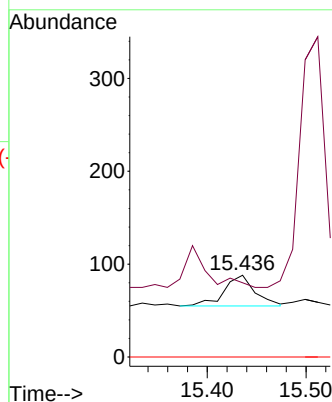
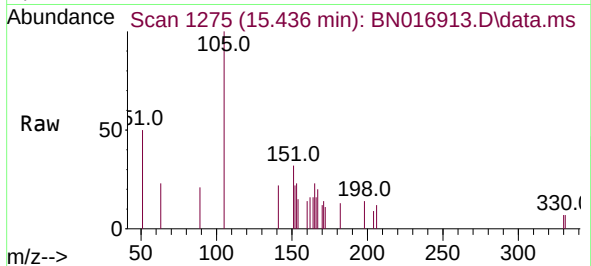




#20
4,6-Dinitro-2-methylphenol
Concen: 0.202 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BN016913.D
Acq: 13 Oct 2021 00:49

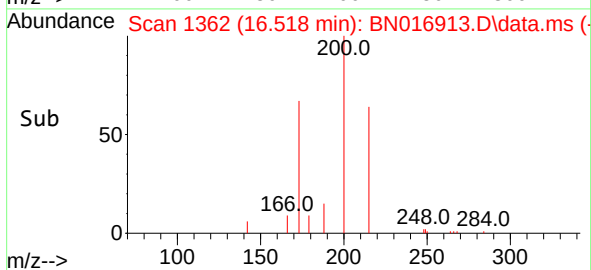
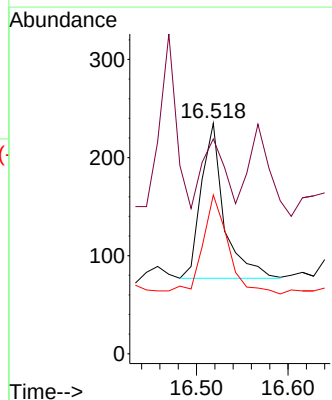
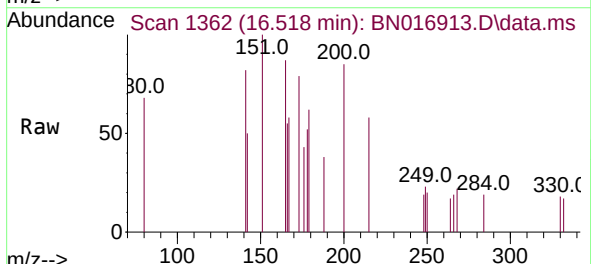
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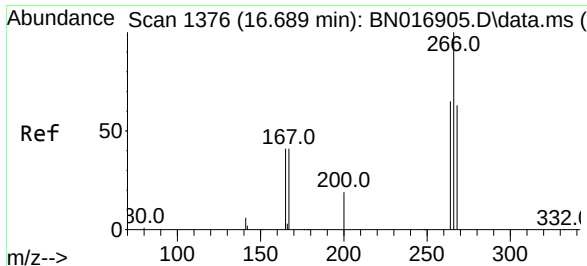
Tgt Ion:198 Resp: 72
Ion Ratio Lower Upper
198 100
182 90.9 11.0 16.6#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.095 ng
RT: 16.518 min Scan# 1362
Delta R.T. -0.001 min
Lab File: BN016913.D
Acq: 13 Oct 2021 00:49

Tgt Ion:200 Resp: 275
Ion Ratio Lower Upper
200 100
173 93.2 18.0 27.0#
215 68.9 40.0 60.0#

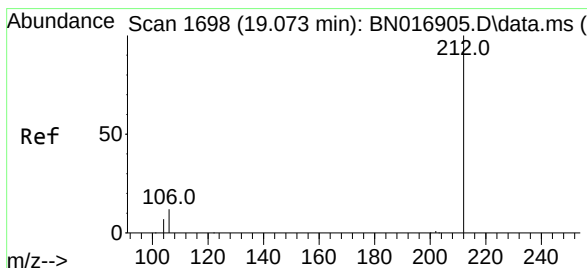
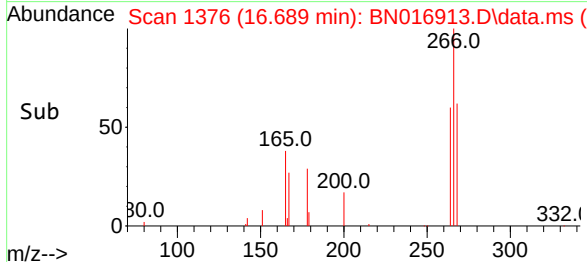
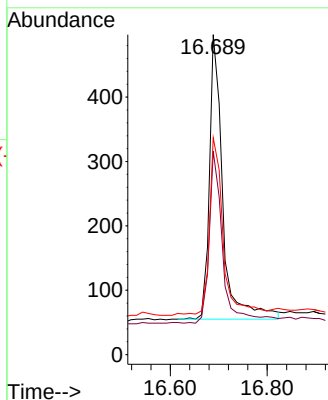
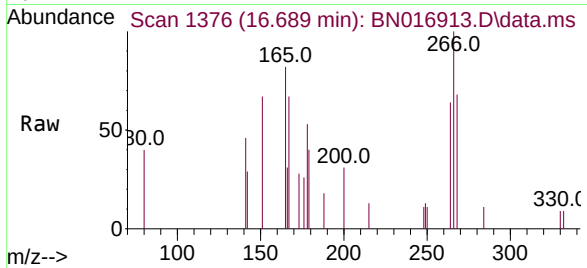




#24
 Pentachlorophenol
 Concen: 0.223 ng
 RT: 16.689 min Scan# 1376
 Delta R.T. -0.000 min
 Lab File: BN016913.D
 Acq: 13 Oct 2021 00:49

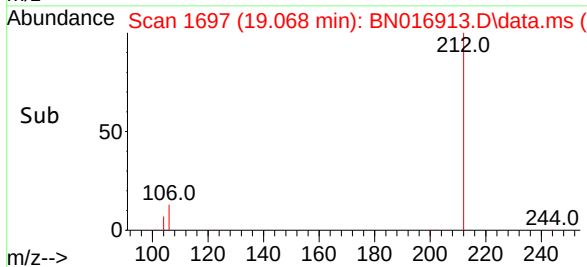
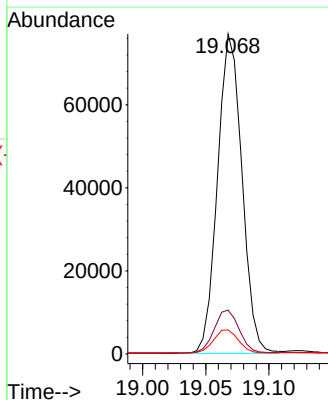
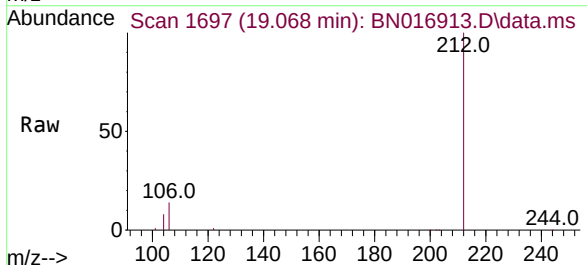
Instrument :
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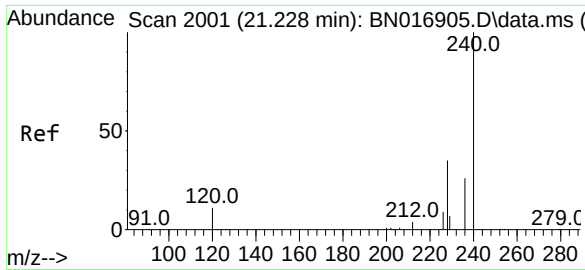
Tgt Ion:	266	Resp:	849
Ion Ratio	Lower	Upper	
266	100		
264	61.7	50.5	75.7
268	64.9	51.2	76.8



#27
 Fluoranthene-d10
 Concen: 0.414 ng
 RT: 19.068 min Scan# 1697
 Delta R.T. -0.005 min
 Lab File: BN016913.D
 Acq: 13 Oct 2021 00:49

Tgt Ion:	212	Resp:	103429
Ion Ratio	Lower	Upper	
212	100		
106	13.6	10.7	16.1
104	7.5	5.8	8.8

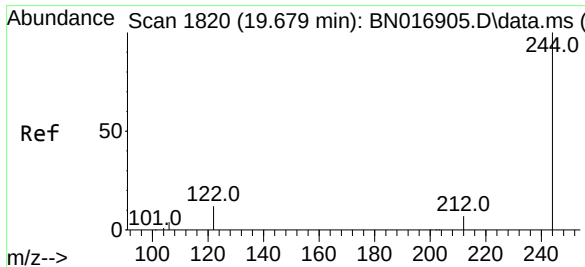
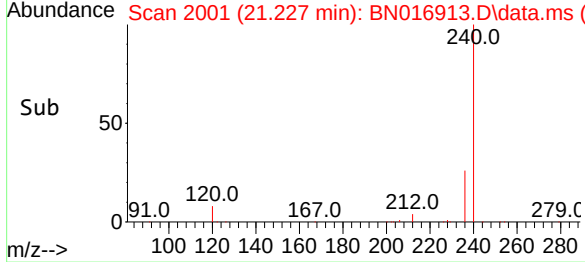
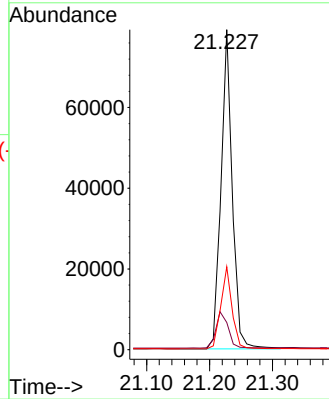
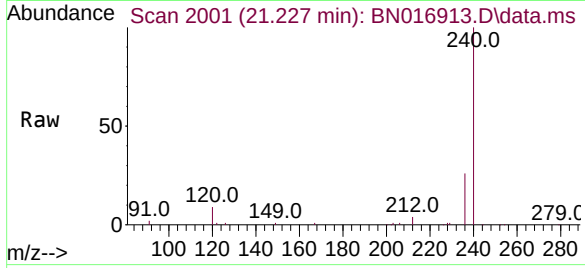




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016913.D
Acq: 13 Oct 2021 00:49

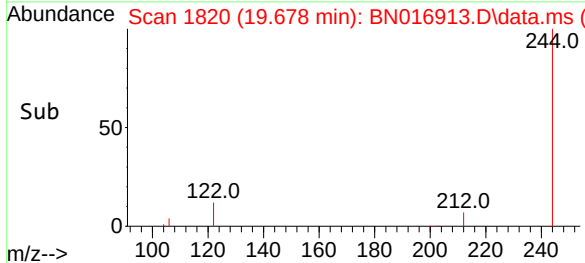
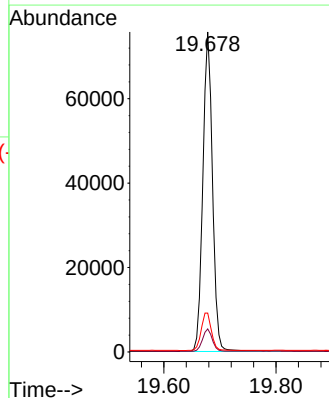
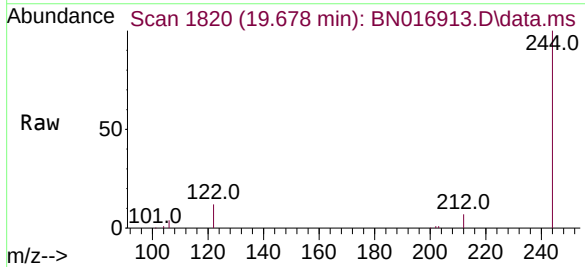
Instrument :
BNA_N
ClientSampleId :
SW-CB-31

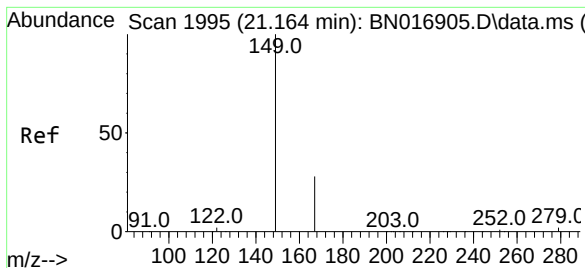
Tgt Ion:240 Resp: 98858
Ion Ratio Lower Upper
240 100
120 8.5 8.6 12.8#
236 25.9 21.0 31.4



#31
Terphenyl-d14
Concen: 0.415 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BN016913.D
Acq: 13 Oct 2021 00:49

Tgt Ion:244 Resp: 90168
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 12.1 9.8 14.6

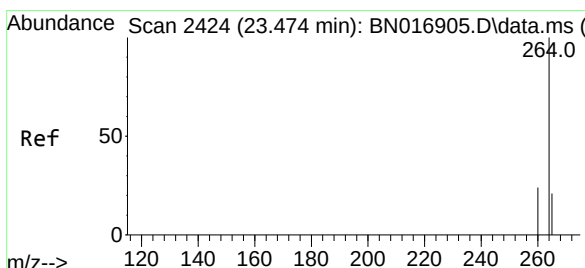
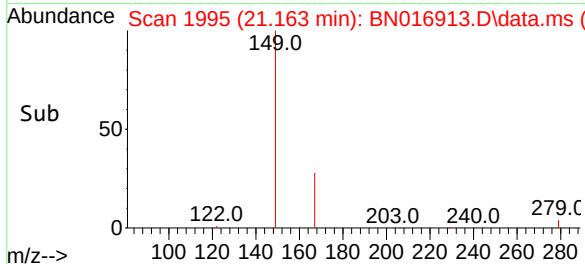
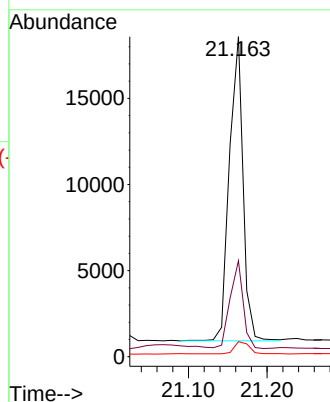
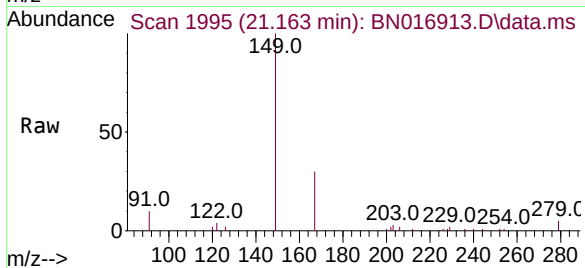




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.304 ng
 RT: 21.163 min Scan# 1995
 Delta R.T. -0.001 min
 Lab File: BN016913.D
 Acq: 13 Oct 2021 00:49

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-31

Tgt Ion:149 Resp: 21311
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.1 33.1
 279 4.4 3.4 5.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.471 min Scan# 2423
 Delta R.T. -0.004 min
 Lab File: BN016913.D
 Acq: 13 Oct 2021 00:49

Tgt Ion:264 Resp: 102360
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 23.1 18.6 27.8

