

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
 Data File : BN021259.D
 Acq On : 16 Aug 2022 17:19
 Operator : CG/JU
 Sample : N4043-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-M-080322

Quant Time: Aug 17 05:13:33 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 09:19:59 2022
 Response via : Initial Calibration

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

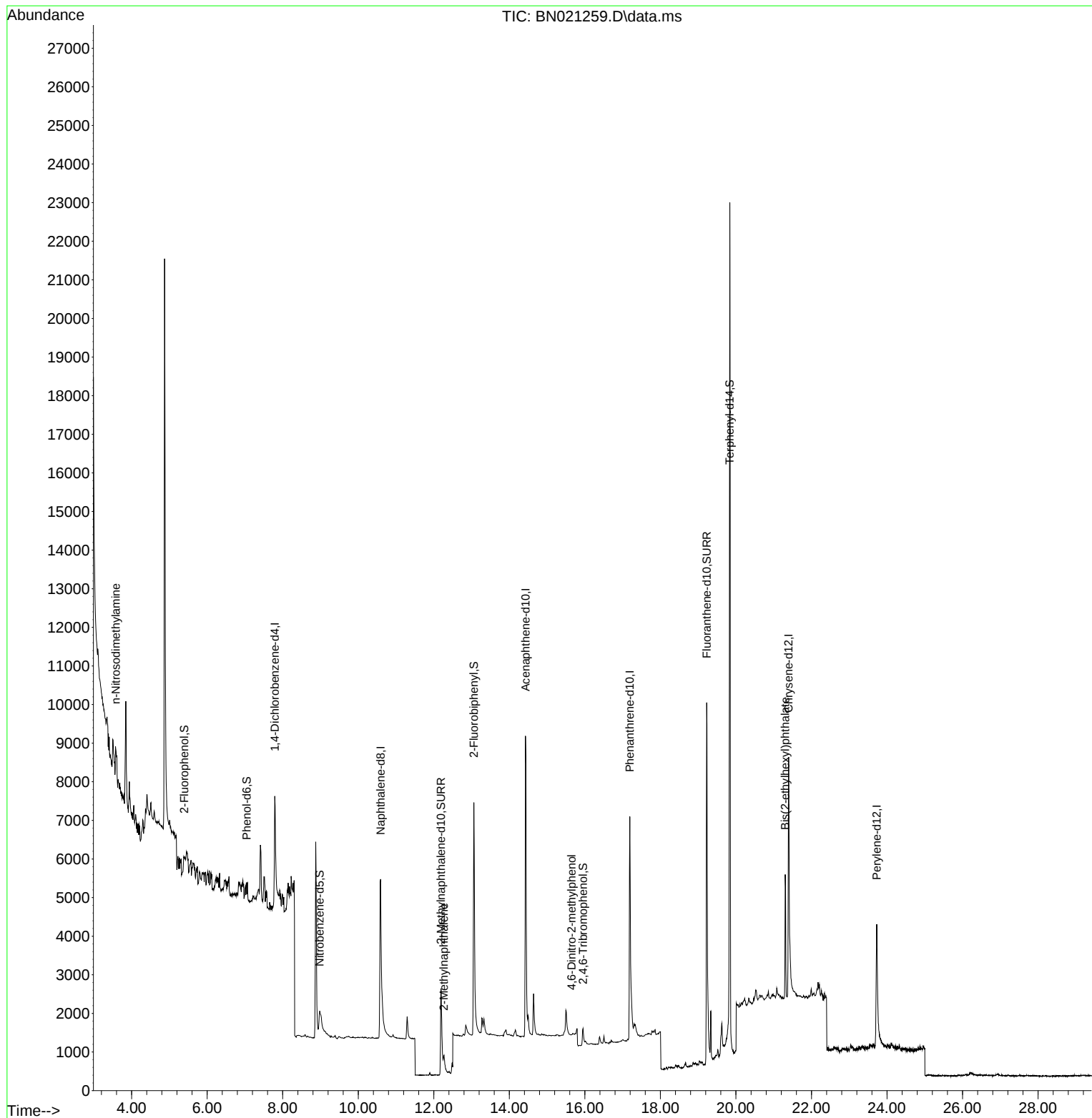
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	2530	0.400	ng	0.00
7) Naphthalene-d8	10.592	136	9499	0.400	ng	0.01
13) Acenaphthene-d10	14.429	164	5687	0.400	ng	0.00
19) Phenanthrene-d10	17.192	188	11037	0.400	ng	0.01
29) Chrysene-d12	21.395	240	8412	0.400	ng	0.00
35) Perylene-d12	23.728	264	6066	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.393	112	781	0.124	ng	0.01
5) Phenol-d6	7.047	99	290	0.039	ng	0.06
8) Nitrobenzene-d5	8.980	82	1532	0.305	ng	0.02
11) 2-Methylnaphthalene-d10	12.191	152	5399	0.326	ng	0.00
14) 2,4,6-Tribromophenol	15.951	330	367	0.197	ng	0.01
15) 2-Fluorobiphenyl	13.060	172	7027	0.311	ng	0.00
27) Fluoranthene-d10	19.227	212	12862	0.429	ng	0.00
31) Terphenyl-d14	19.830	244	9440	0.412	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.580	42	183	0.251	ng	# 1
12) 2-Methylnaphthalene	12.270	142	422	0.022	ng	# 87
20) 4,6-Dinitro-2-methylph...	15.647	198	1	0.254	ng	# 2
34) Bis(2-ethylhexyl)phtha...	21.305	149	3346	0.179	ng	100

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

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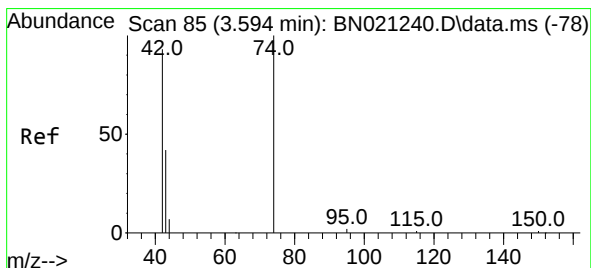
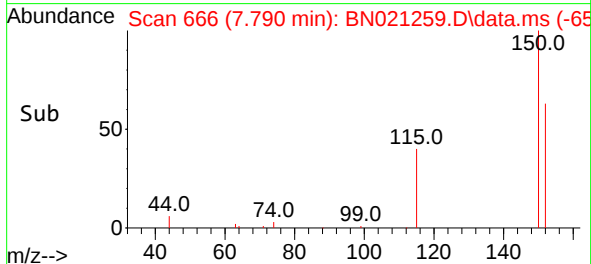
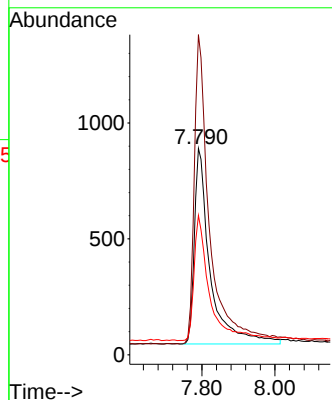
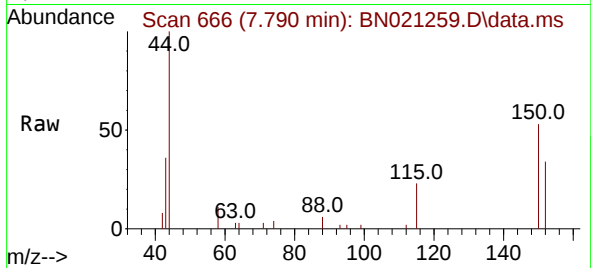




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.790 min Scan# 665
 Delta R.T. 0.007 min
 Lab File: BN021259.D
 Acq: 16 Aug 2022 17:19

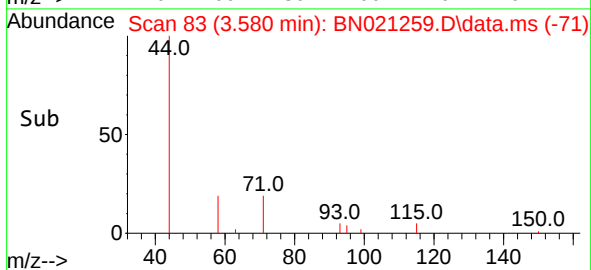
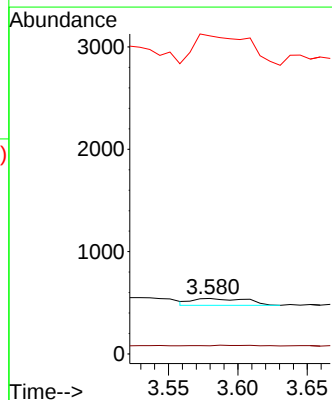
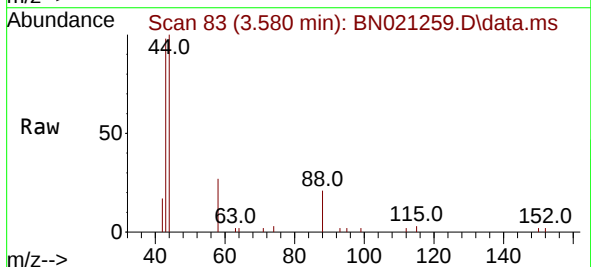
Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-M-080322

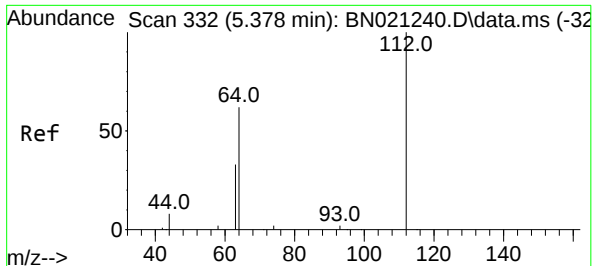
Tgt Ion:152 Resp: 2530
 Ion Ratio Lower Upper
 152 100
 150 155.2 123.1 184.7
 115 67.5 52.2 78.4



#3
 n-Nitrosodimethylamine
 Concen: 0.251 ng
 RT: 3.580 min Scan# 83
 Delta R.T. -0.014 min
 Lab File: BN021259.D
 Acq: 16 Aug 2022 17:19

Tgt Ion: 42 Resp: 183
 Ion Ratio Lower Upper
 42 100
 74 10.4 82.4 123.6#
 44 449.7 2.7 4.1#

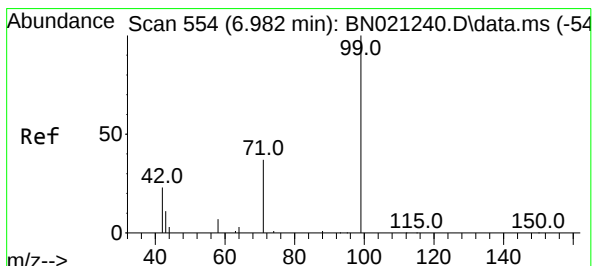
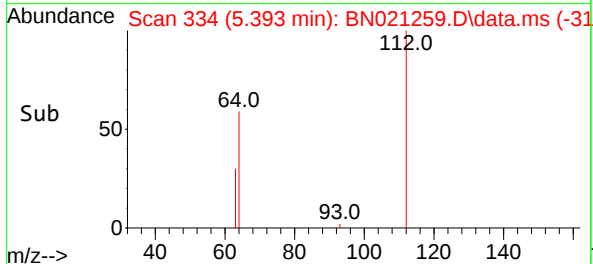
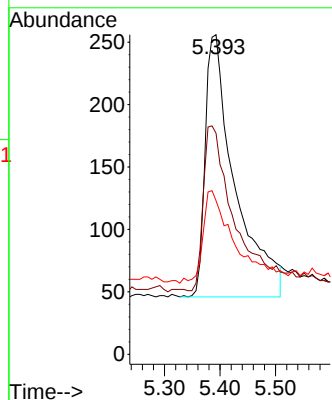
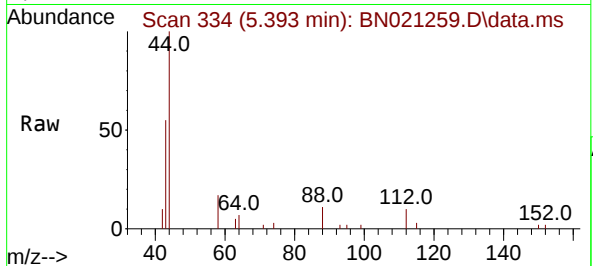




#4
2-Fluorophenol
Concen: 0.124 ng
RT: 5.393 min Scan# 31
Delta R.T. 0.014 min
Lab File: BN021259.D
Acq: 16 Aug 2022 17:19

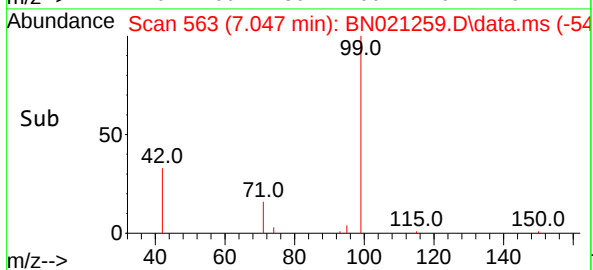
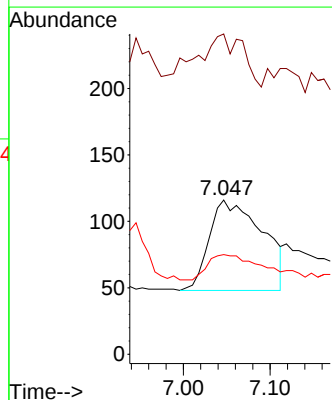
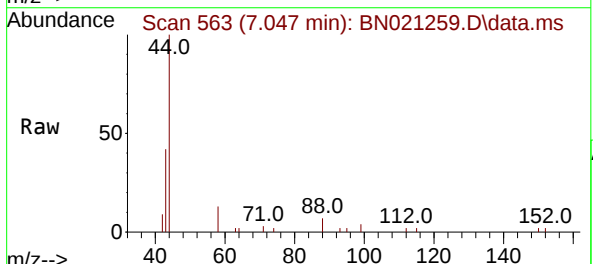
Instrument :
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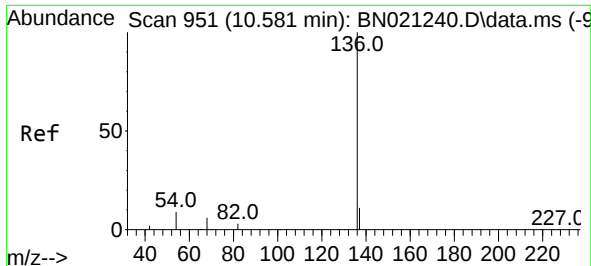
Tgt Ion:	112	Resp:	781
Ion	Ratio	Lower	Upper
112	100		
64	65.8	52.0	78.0
63	37.1	27.5	41.3



#5
Phenol-d6
Concen: 0.039 ng
RT: 7.047 min Scan# 563
Delta R.T. 0.065 min
Lab File: BN021259.D
Acq: 16 Aug 2022 17:19

Tgt Ion:	99	Resp:	290
Ion	Ratio	Lower	Upper
99	100		
42	51.4	19.1	28.7#
71	26.2	28.9	43.3#

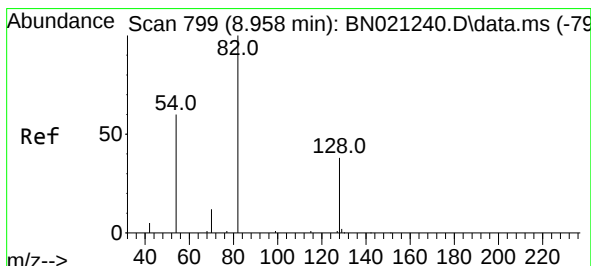
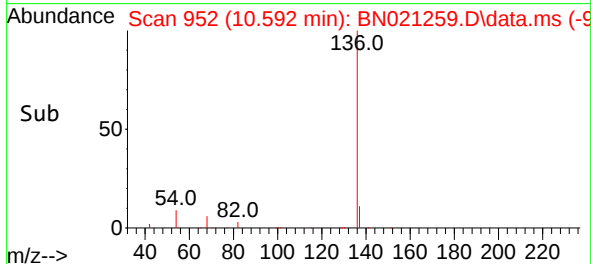
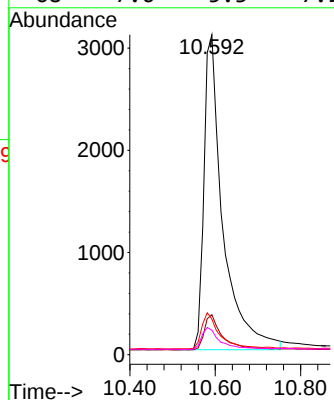
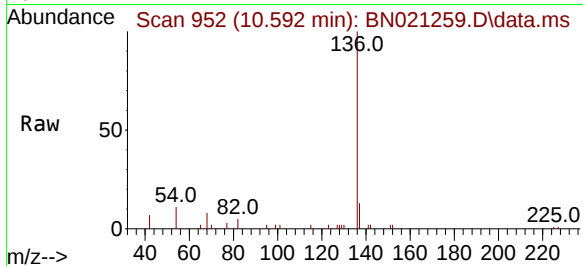




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.592 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN021259.D
Acq: 16 Aug 2022 17:19

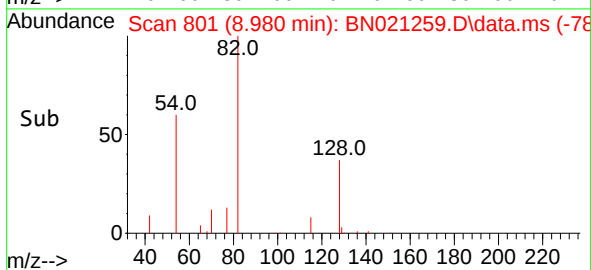
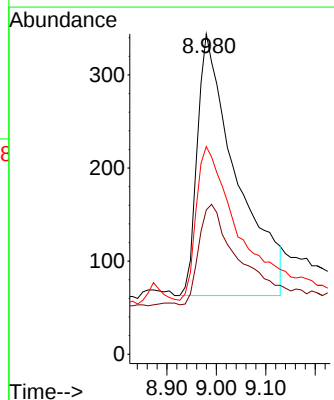
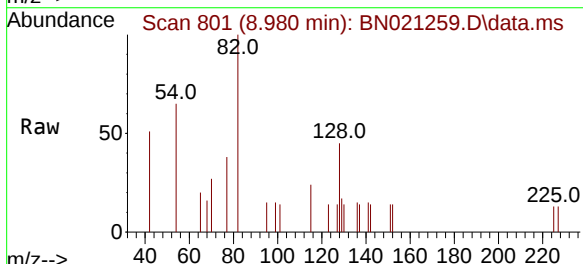
Instrument :
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ClientSampleId :
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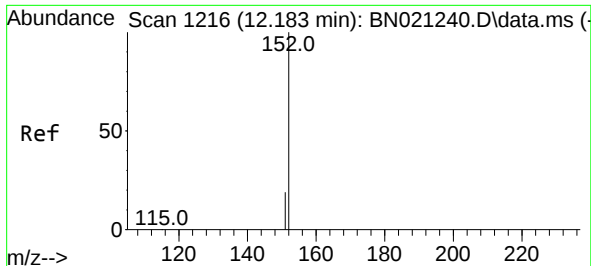
Tgt Ion:	136	Resp:	9499
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.6	14.4
54	11.1	8.2	12.2
68	7.6	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.305 ng
RT: 8.980 min Scan# 801
Delta R.T. 0.022 min
Lab File: BN021259.D
Acq: 16 Aug 2022 17:19

Tgt Ion:	82	Resp:	1532
Ion	Ratio	Lower	Upper
82	100		
128	45.1	33.6	50.4
54	64.8	50.2	75.2

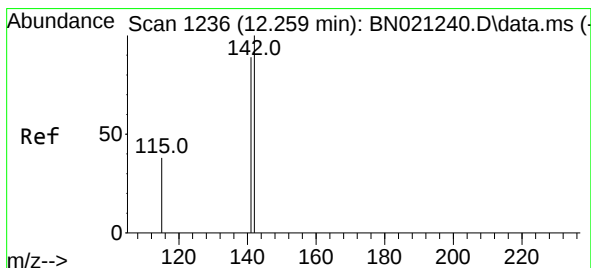
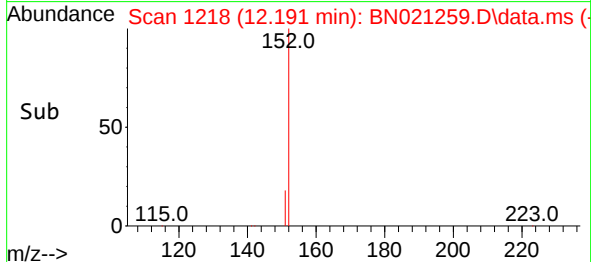
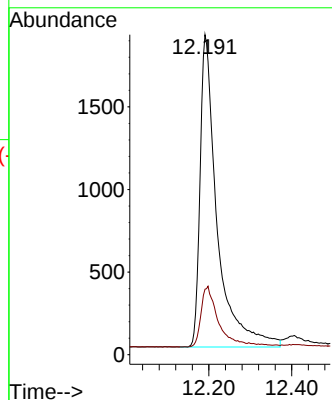
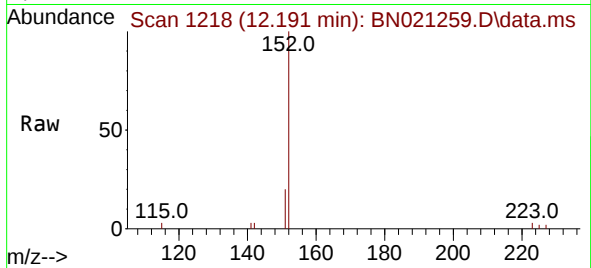




#11
2-Methylnaphthalene-d10
Concen: 0.326 ng
RT: 12.191 min Scan# 1218
Delta R.T. 0.008 min
Lab File: BN021259.D
Acq: 16 Aug 2022 17:19

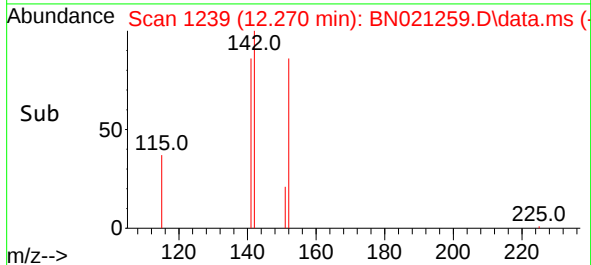
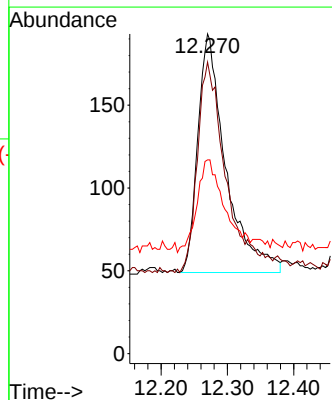
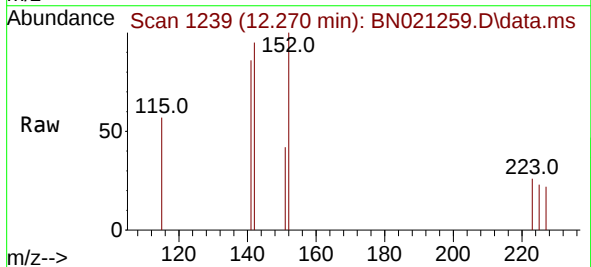
Instrument :
BNA_N
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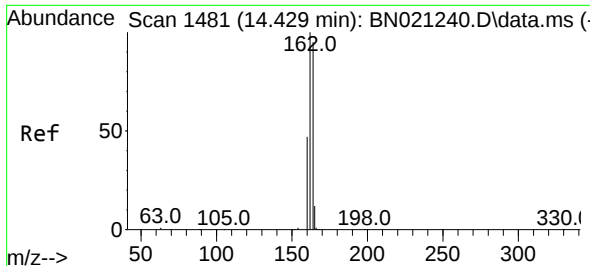
Tgt Ion:152 Resp: 5399
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.8



#12
2-Methylnaphthalene
Concen: 0.022 ng
RT: 12.270 min Scan# 1239
Delta R.T. 0.011 min
Lab File: BN021259.D
Acq: 16 Aug 2022 17:19

Tgt Ion:142 Resp: 422
Ion Ratio Lower Upper
142 100
141 91.2 71.0 106.6
115 60.6 31.3 46.9#

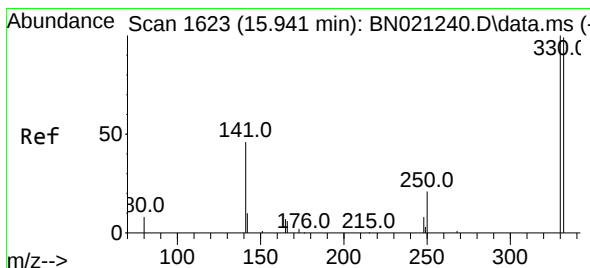
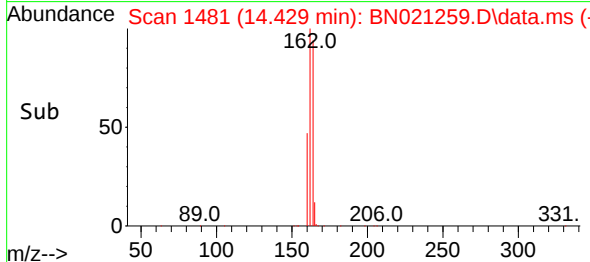
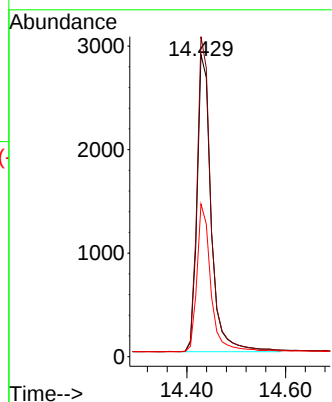
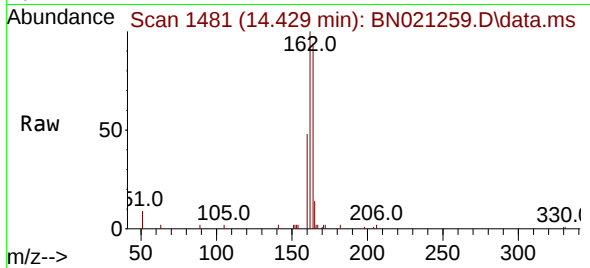




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.429 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BN021259.D
Acq: 16 Aug 2022 17:19

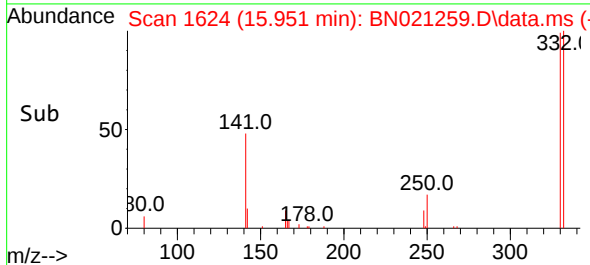
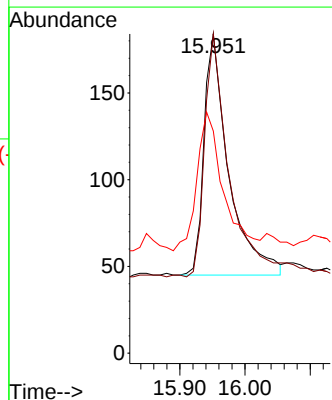
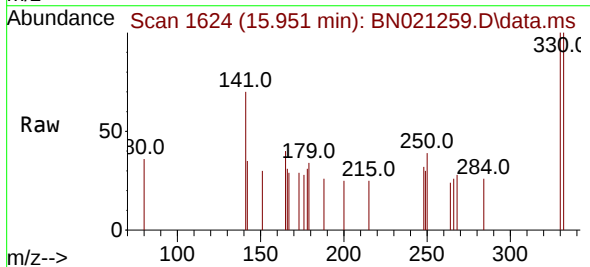
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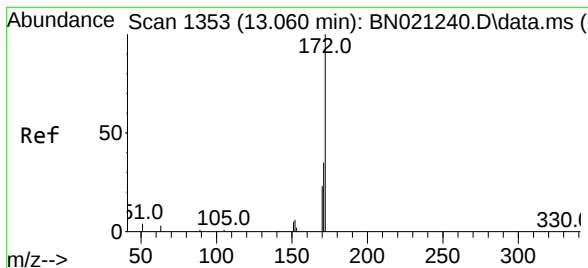
Tgt Ion:164 Resp: 5687
Ion Ratio Lower Upper
164 100
162 105.9 83.8 125.6
160 50.5 39.8 59.6



#14
2,4,6-Tribromophenol
Concen: 0.197 ng
RT: 15.951 min Scan# 1624
Delta R.T. 0.010 min
Lab File: BN021259.D
Acq: 16 Aug 2022 17:19

Tgt Ion:330 Resp: 367
Ion Ratio Lower Upper
330 100
332 98.4 78.1 117.1
141 61.0 45.4 68.0

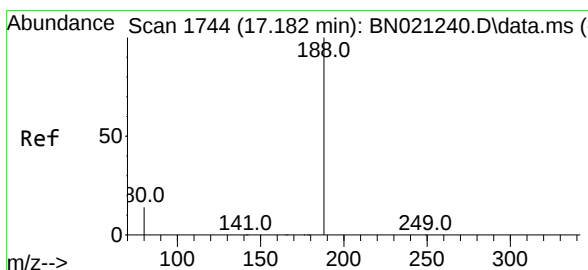
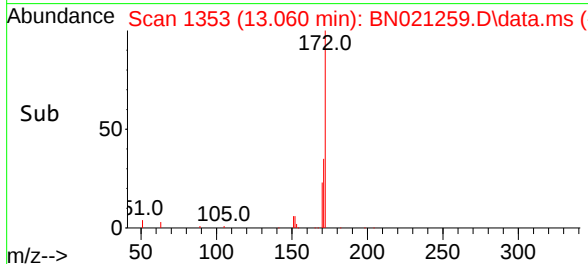
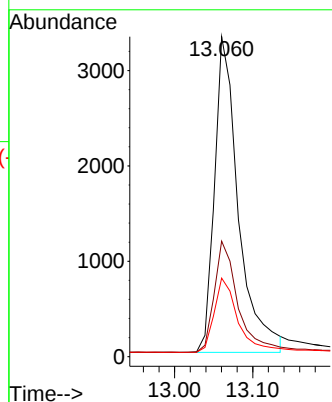
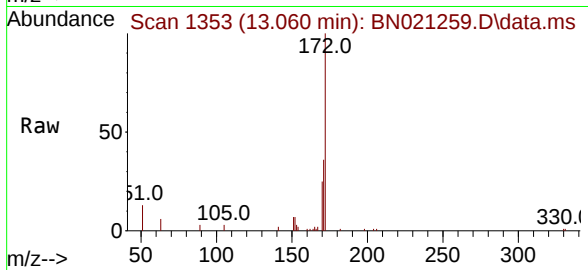




#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 13.060 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021259.D
Acq: 16 Aug 2022 17:19

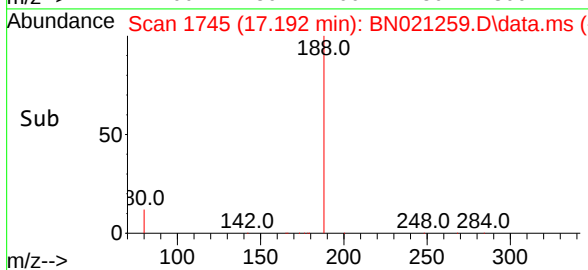
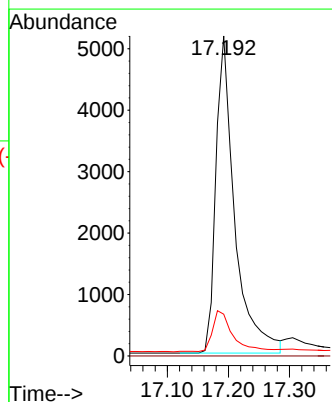
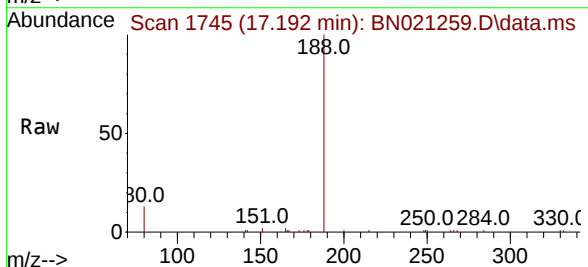
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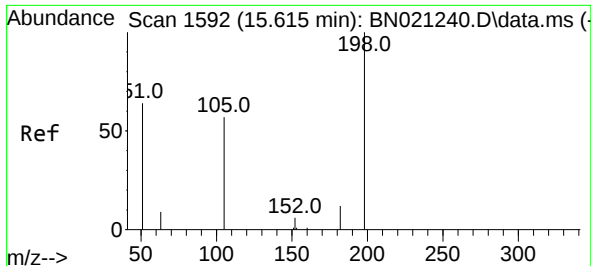
Tgt Ion:	172	Resp:	7027
Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.4	42.6
170	24.5	19.0	28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.192 min Scan# 1745
Delta R.T. 0.010 min
Lab File: BN021259.D
Acq: 16 Aug 2022 17:19

Tgt Ion:	188	Resp:	11037
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.1	11.8	17.6

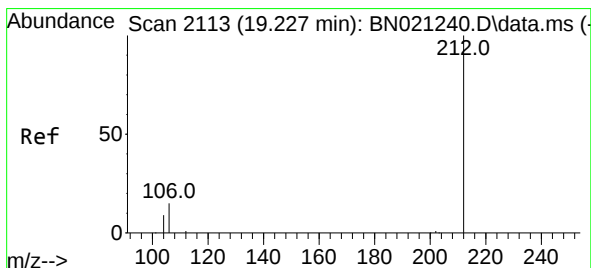
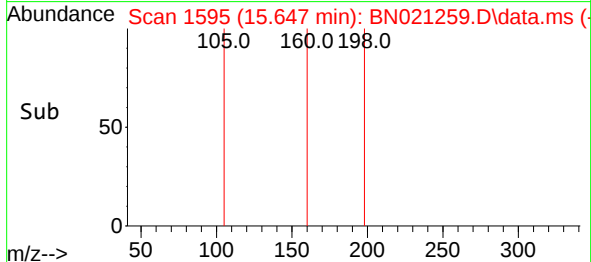
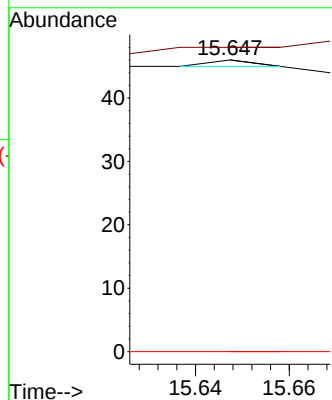
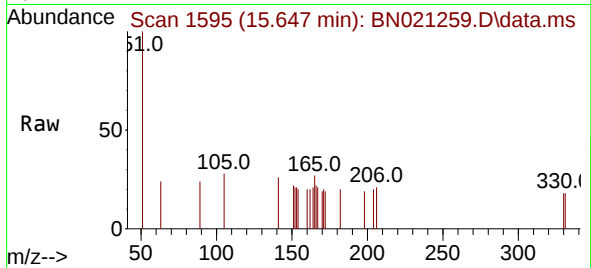




#20
4,6-Dinitro-2-methylphenol
Concen: 0.254 ng
RT: 15.647 min Scan# 1595
Delta R.T. 0.032 min
Lab File: BN021259.D
Acq: 16 Aug 2022 17:19

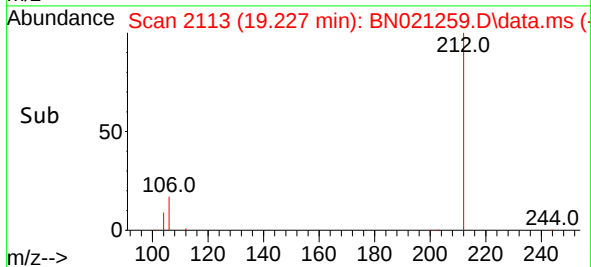
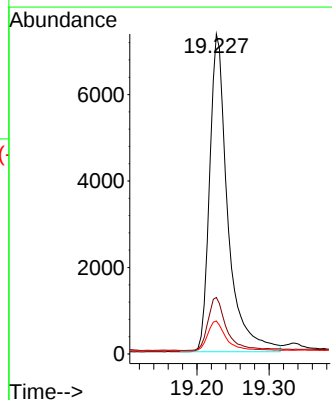
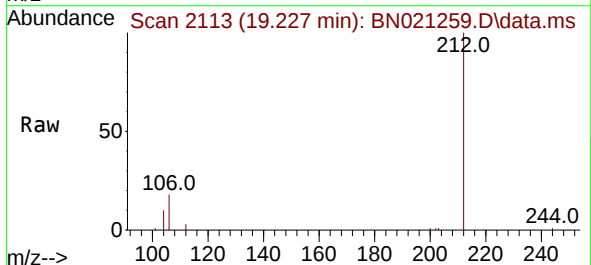
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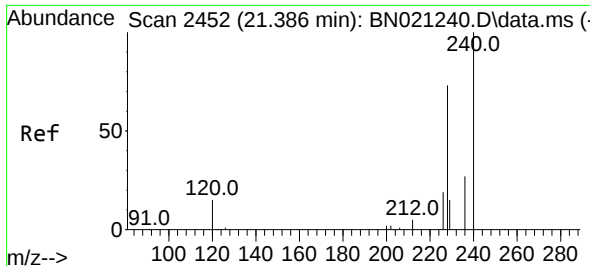
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
182 104.3 33.9 50.9#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.429 ng
RT: 19.227 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BN021259.D
Acq: 16 Aug 2022 17:19

Tgt Ion:212 Resp: 12862
Ion Ratio Lower Upper
212 100
106 17.1 12.6 18.8
104 9.8 7.2 10.8

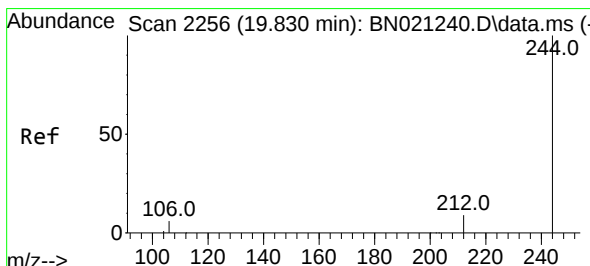
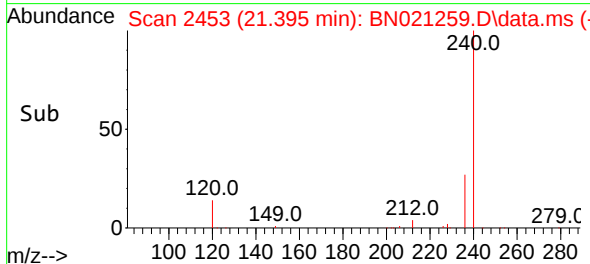
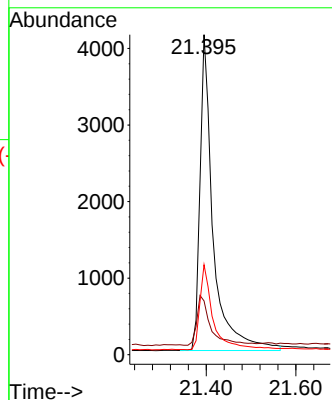
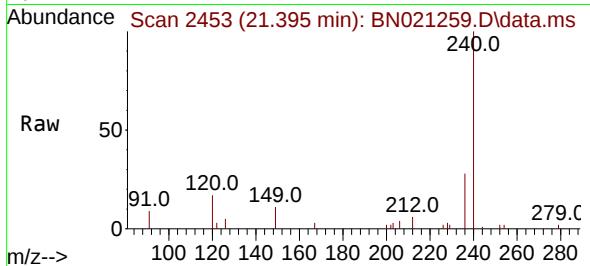




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 2453
Delta R.T. 0.009 min
Lab File: BN021259.D
Acq: 16 Aug 2022 17:19

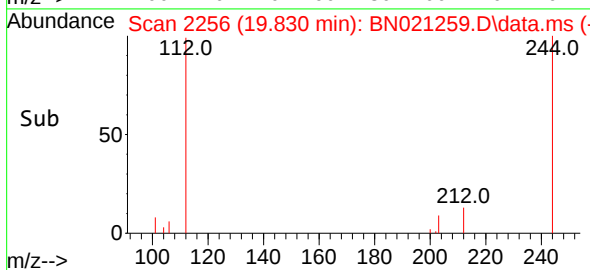
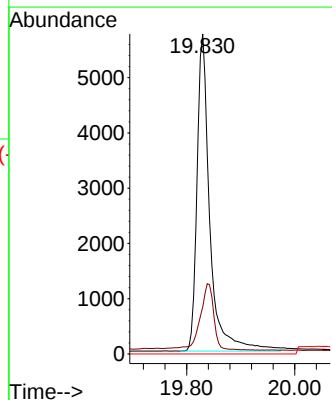
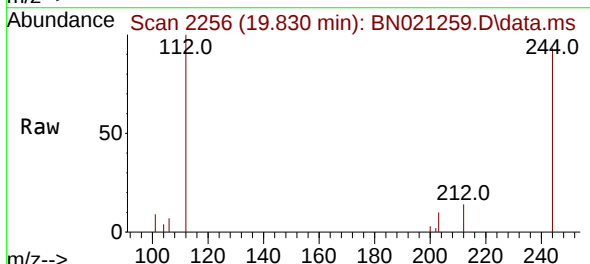
Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-M-080322

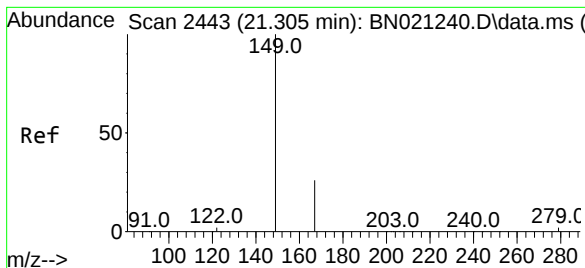
Tgt Ion:240 Resp: 8412
Ion Ratio Lower Upper
240 100
120 16.8 13.4 20.2
236 28.1 22.6 33.8



#31
Terphenyl-d14
Concen: 0.412 ng
RT: 19.830 min Scan# 2256
Delta R.T. -0.000 min
Lab File: BN021259.D
Acq: 16 Aug 2022 17:19

Tgt Ion:244 Resp: 9440
Ion Ratio Lower Upper
244 100
212 14.8 8.3 12.5#
122 0.0 0.0 0.0

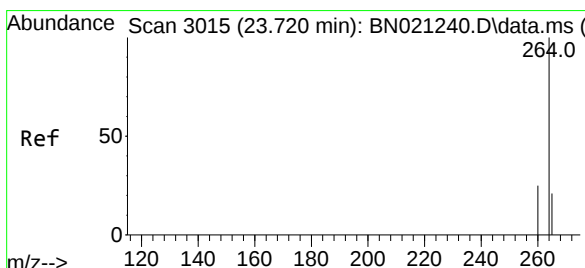
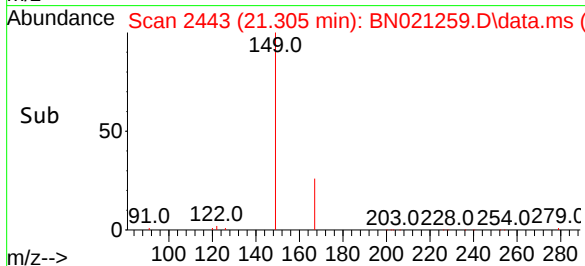
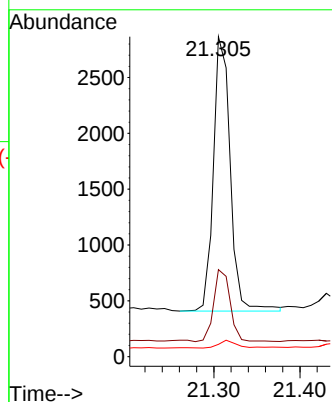
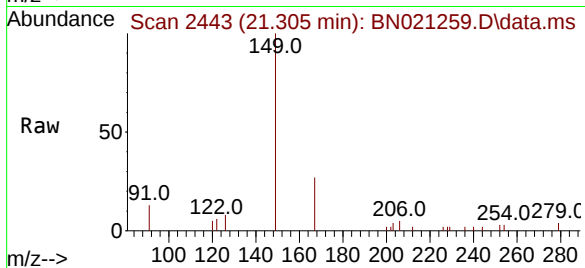




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.179 ng
 RT: 21.305 min Scan# 2443
 Delta R.T. -0.000 min
 Lab File: BN021259.D
 Acq: 16 Aug 2022 17:19

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-M-080322

Tgt Ion:149 Resp: 3346
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.6 31.0
 279 3.0 2.4 3.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.728 min Scan# 3018
 Delta R.T. 0.009 min
 Lab File: BN021259.D
 Acq: 16 Aug 2022 17:19

Tgt Ion:264 Resp: 6066
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.4 32.2
 265 42.6 34.3 51.5

