

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082622\
 Data File : BN021392.D
 Acq On : 26 Aug 2022 19:32
 Operator : CG/JU
 Sample : N4281-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20220818

Quant Time: Aug 26 23:43:09 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 23:37:03 2022
 Response via : Initial Calibration

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

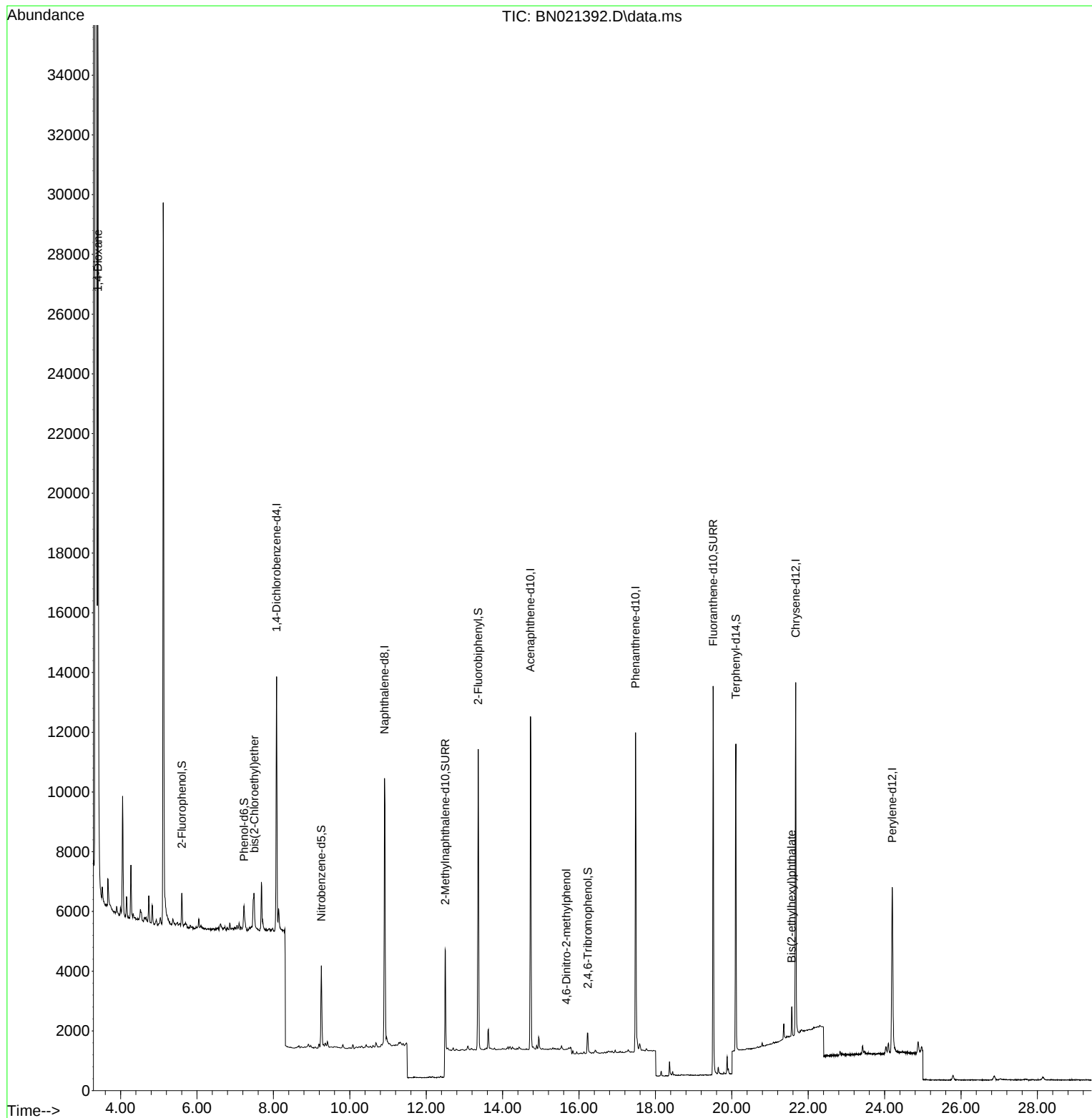
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	4185	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	12535	0.400	ng	0.00
13) Acenaphthene-d10	14.728	164	6683	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	14346	0.400	ng	0.00
29) Chrysene-d12	21.673	240	10901	0.400	ng	0.00
35) Perylene-d12	24.197	264	8894	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	981	0.087	ng	0.00
5) Phenol-d6	7.231	99	721	0.051	ng	0.00
8) Nitrobenzene-d5	9.254	82	2365	0.249	ng	0.00
11) 2-Methylnaphthalene-d10	12.497	152	7687	0.363	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	472	0.154	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	8763	0.293	ng	0.00
27) Fluoranthene-d10	19.514	212	14150	0.330	ng	0.00
31) Terphenyl-d14	20.106	244	9244	0.401	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.410	88	18568	3.198	ng	Qvalue # 89
6) bis(2-Chloroethyl)ether	7.498	93	636	0.045	ng	96
20) 4,6-Dinitro-2-methylph...	15.669	198	5	0.265	ng	96
34) Bis(2-ethylhexyl)phtha...	21.565	149	1150	0.058	ng	# 94

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

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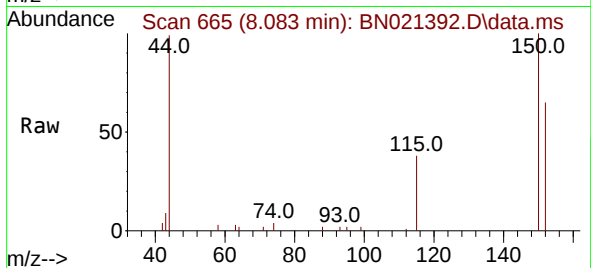
Quant Time: Aug 26 23:43:09 2022
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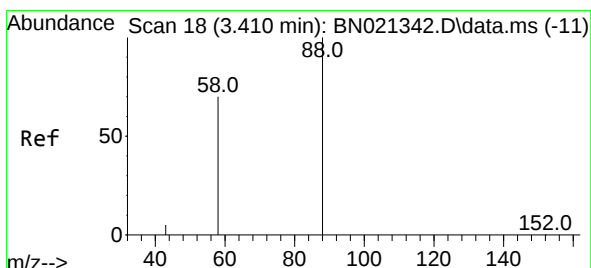
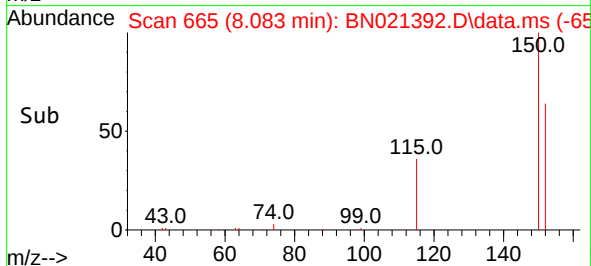
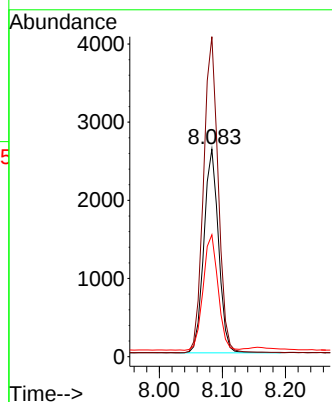


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.083 min Scan# 666
 Delta R.T. 0.000 min
 Lab File: BN021392.D
 Acq: 26 Aug 2022 19:32

Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20220818

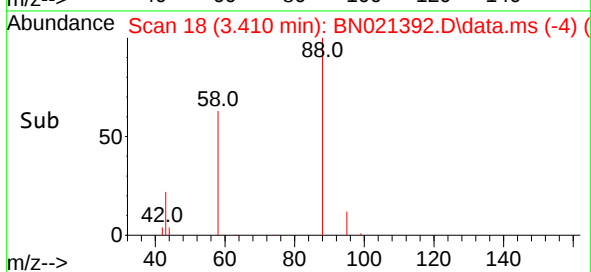
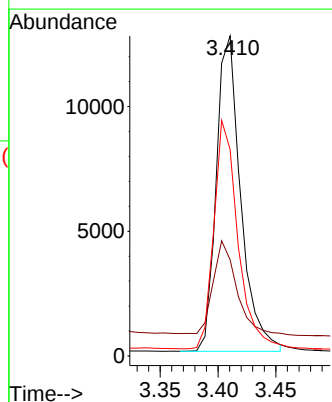
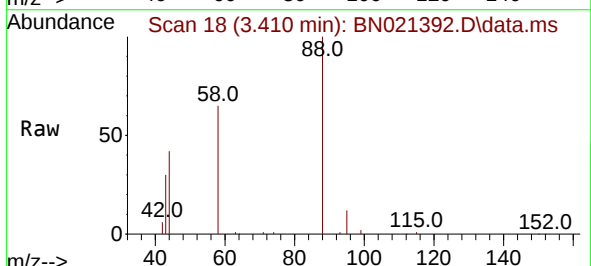


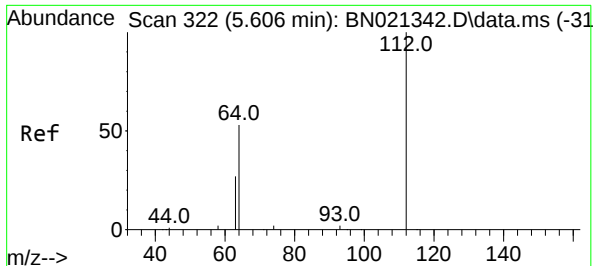
Tgt Ion: 152 Resp: 4185
 Ion Ratio Lower Upper
 152 100
 150 154.2 121.4 182.0
 115 58.7 48.6 72.8



#2
 1,4-Dioxane
 Concen: 3.198 ng
 RT: 3.410 min Scan# 18
 Delta R.T. -0.000 min
 Lab File: BN021392.D
 Acq: 26 Aug 2022 19:32

Tgt Ion: 88 Resp: 18568
 Ion Ratio Lower Upper
 88 100
 43 27.6 35.8 53.8#
 58 70.8 57.1 85.7

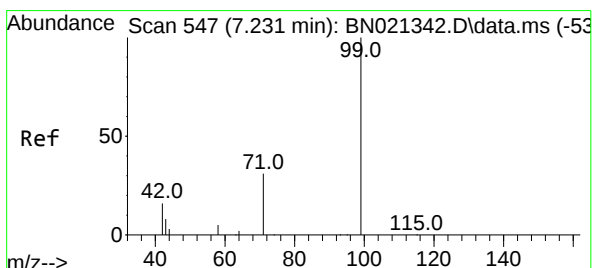
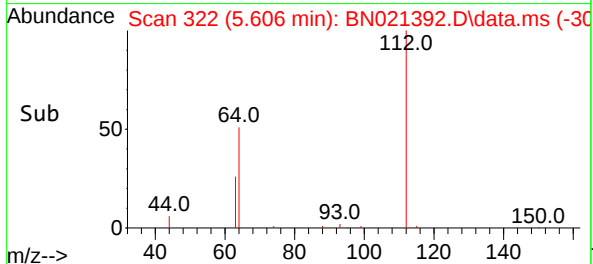
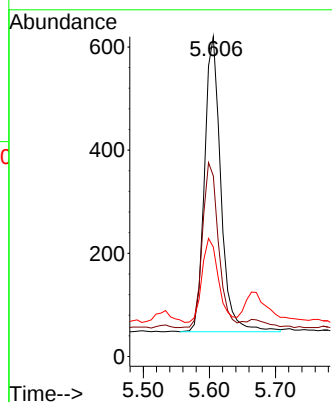
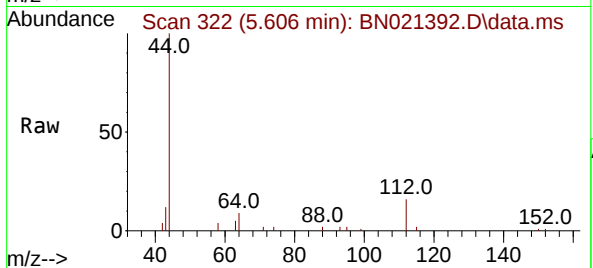




#4
2-Fluorophenol
Concen: 0.087 ng
RT: 5.606 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN021392.D
Acq: 26 Aug 2022 19:32

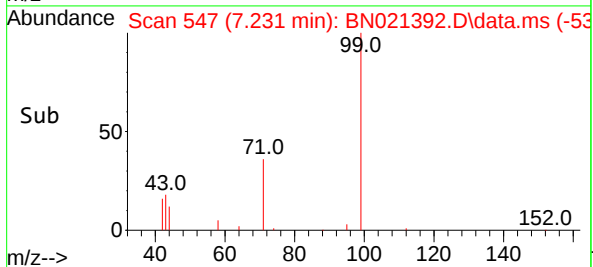
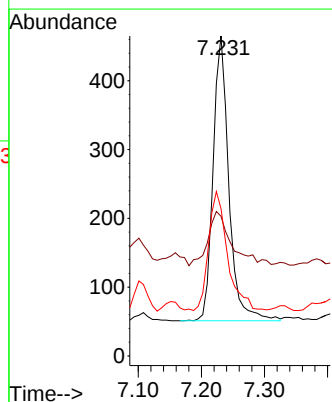
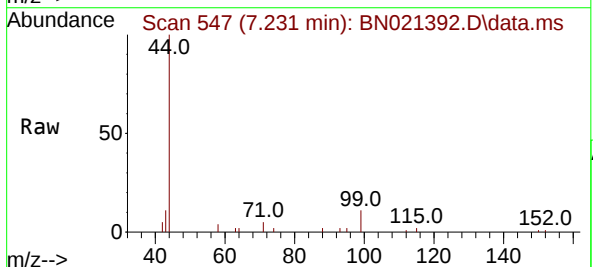
Instrument :
BNA_N
ClientSampleId :
RE115D1-20220818

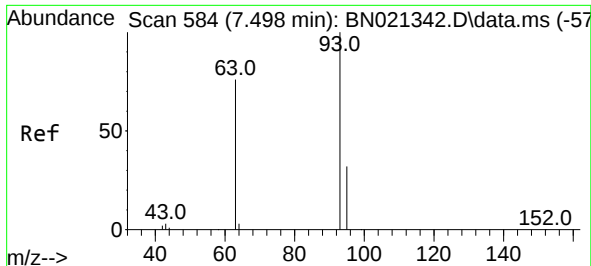
Tgt Ion:	112	Resp:	981
Ion	Ratio	Lower	Upper
112	100		
64	54.5	43.5	65.3
63	28.8	22.6	34.0



#5
Phenol-d6
Concen: 0.051 ng
RT: 7.231 min Scan# 547
Delta R.T. -0.000 min
Lab File: BN021392.D
Acq: 26 Aug 2022 19:32

Tgt Ion:	99	Resp:	721
Ion	Ratio	Lower	Upper
99	100		
42	28.7	15.5	23.3#
71	50.1	24.2	36.2#

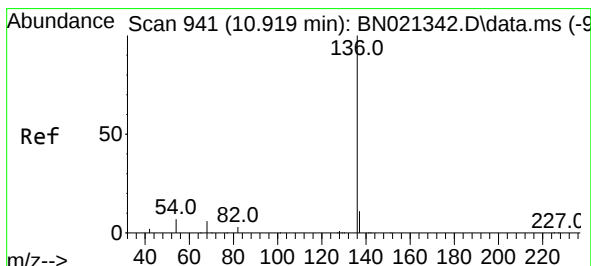
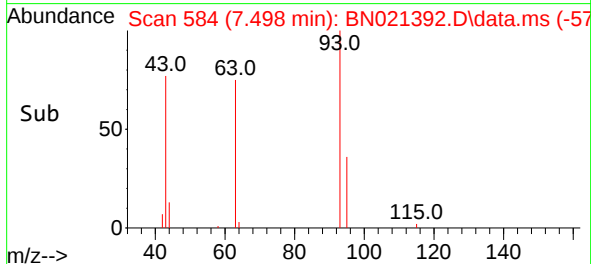
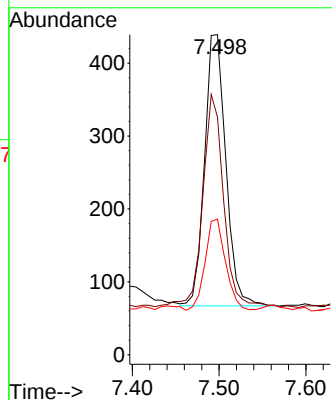
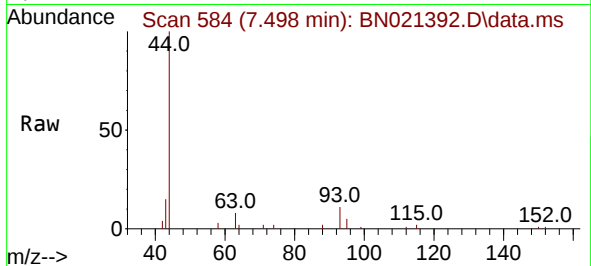




#6
bis(2-Chloroethyl)ether
Concen: 0.045 ng
RT: 7.498 min Scan# 584
Delta R.T. -0.000 min
Lab File: BN021392.D
Acq: 26 Aug 2022 19:32

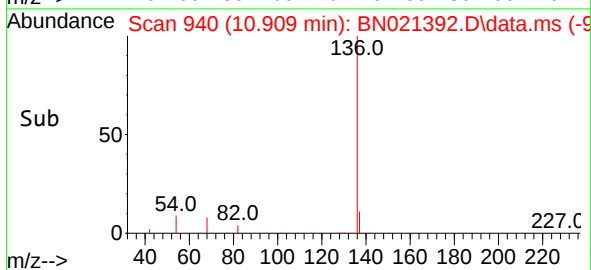
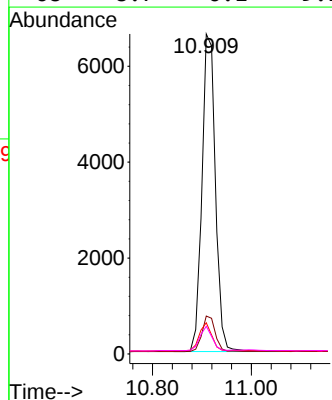
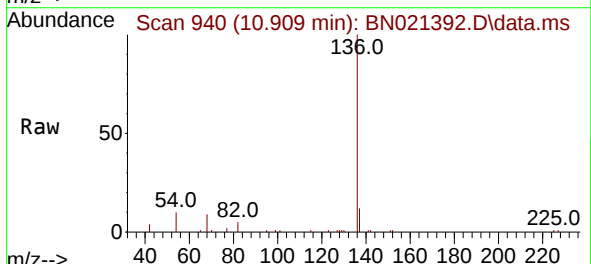
Instrument :
BNA_N
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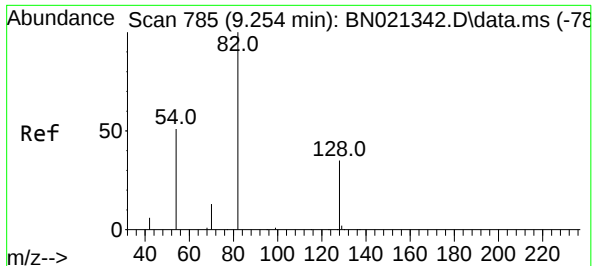
Tgt Ion: 93 Resp: 636
Ion Ratio Lower Upper
93 100
63 77.4 57.8 86.8
95 32.2 25.9 38.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021392.D
Acq: 26 Aug 2022 19:32

Tgt Ion: 136 Resp: 12535
Ion Ratio Lower Upper
136 100
137 11.8 9.3 13.9
54 9.8 6.9 10.3
68 8.7 6.1 9.1

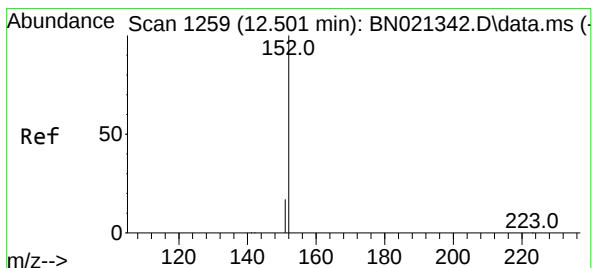
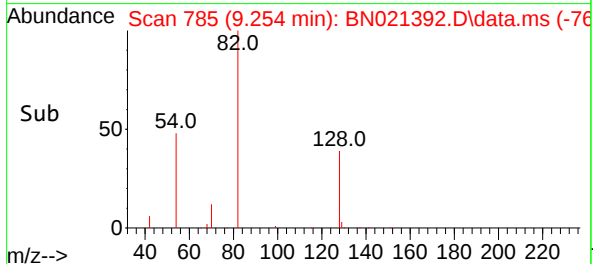
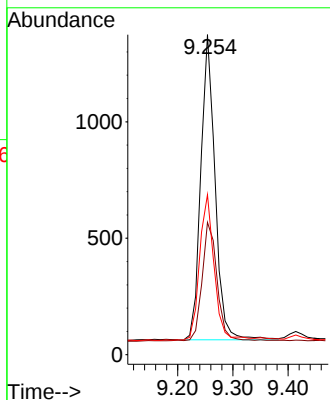
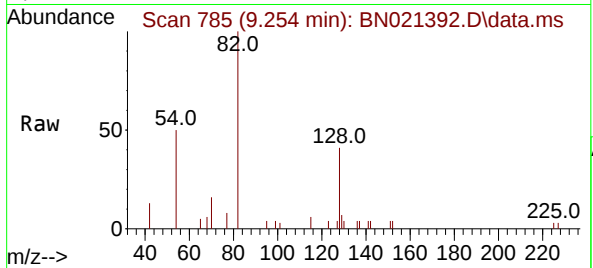




#8
Nitrobenzene-d5
Concen: 0.249 ng
RT: 9.254 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN021392.D
Acq: 26 Aug 2022 19:32

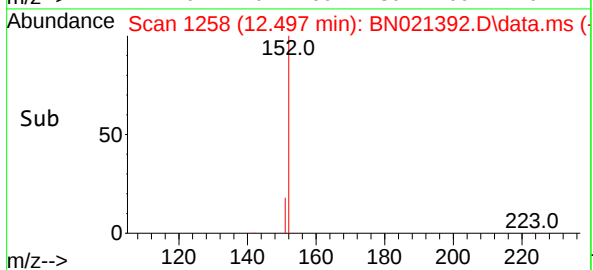
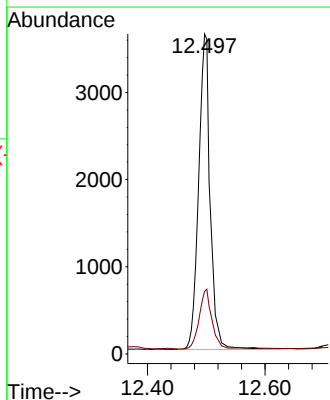
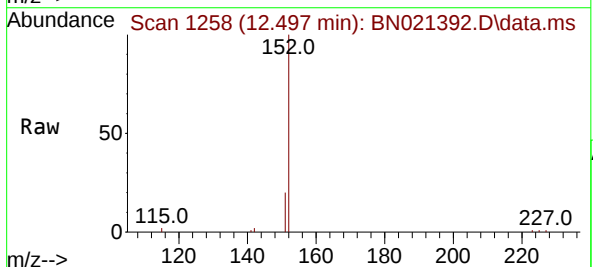
Instrument :
BNA_N
ClientSampleId :
RE115D1-20220818

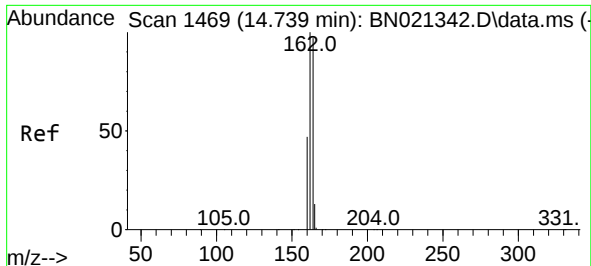
Tgt Ion: 82 Resp: 2365
Ion Ratio Lower Upper
82 100
128 41.3 30.9 46.3
54 50.0 42.7 64.1



#11
2-Methylnaphthalene-d10
Concen: 0.363 ng
RT: 12.497 min Scan# 1258
Delta R.T. -0.000 min
Lab File: BN021392.D
Acq: 26 Aug 2022 19:32

Tgt Ion: 152 Resp: 7687
Ion Ratio Lower Upper
152 100
151 15.7 14.5 21.7

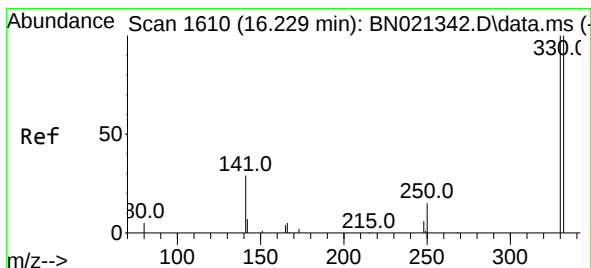
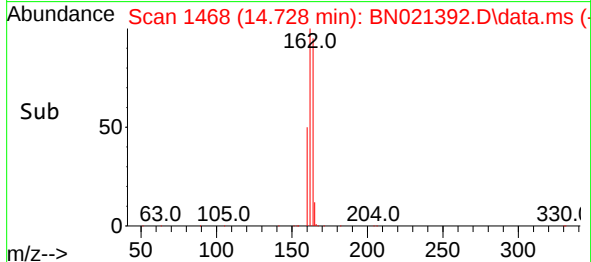
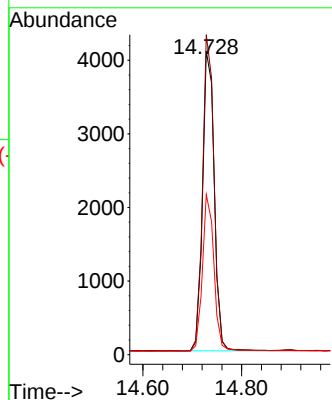
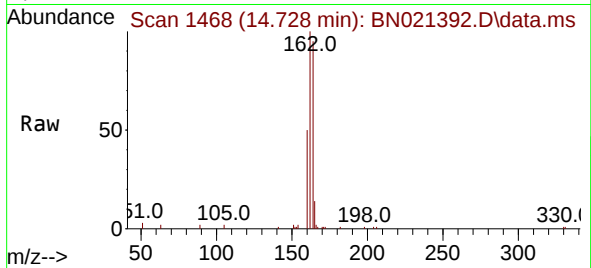




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BN021392.D
Acq: 26 Aug 2022 19:32

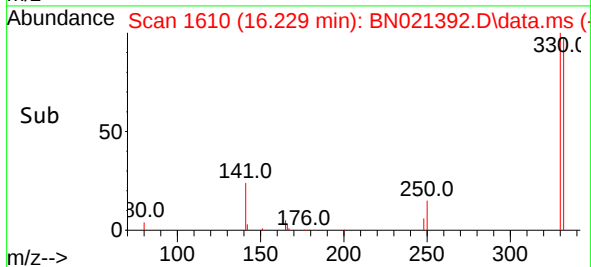
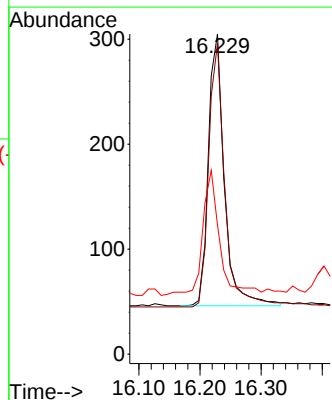
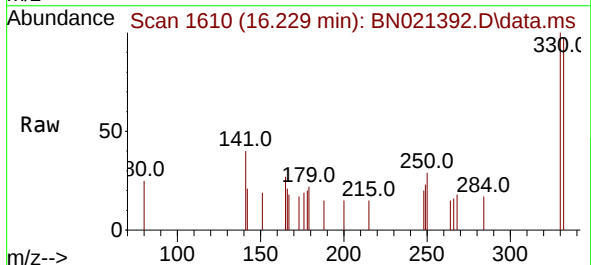
Instrument :
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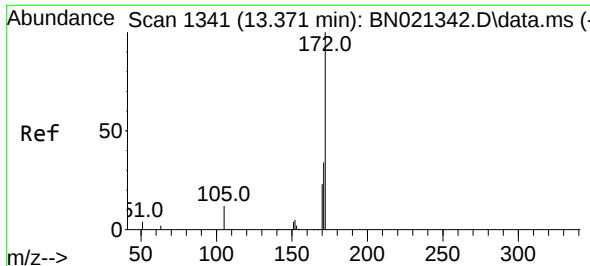
Tgt Ion:164 Resp: 6683
Ion Ratio Lower Upper
164 100
162 105.4 82.2 123.4
160 52.8 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.154 ng
RT: 16.229 min Scan# 1610
Delta R.T. 0.010 min
Lab File: BN021392.D
Acq: 26 Aug 2022 19:32

Tgt Ion:330 Resp: 472
Ion Ratio Lower Upper
330 100
332 97.0 79.3 118.9
141 46.8 37.1 55.7

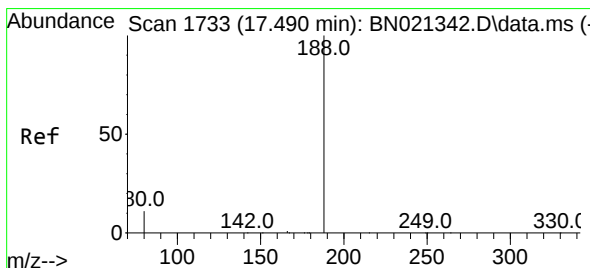
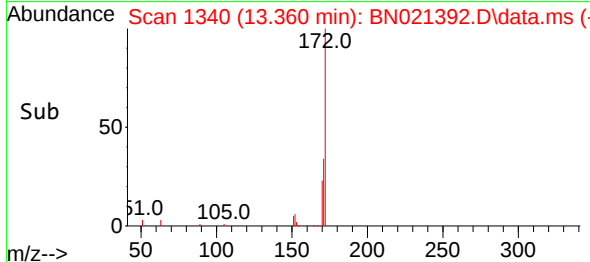
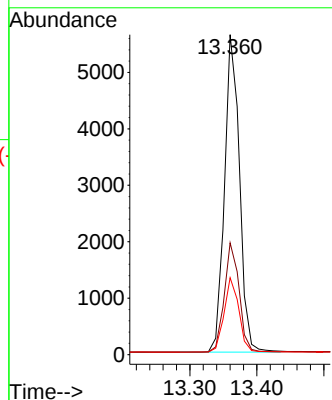
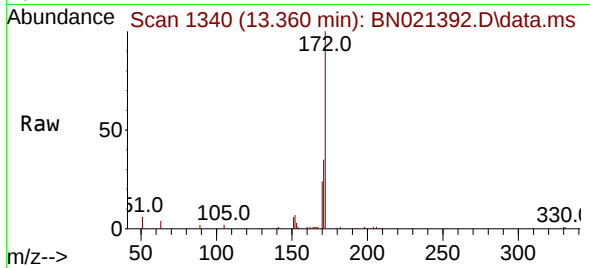




#15
2-Fluorobiphenyl
Concen: 0.293 ng
RT: 13.360 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021392.D
Acq: 26 Aug 2022 19:32

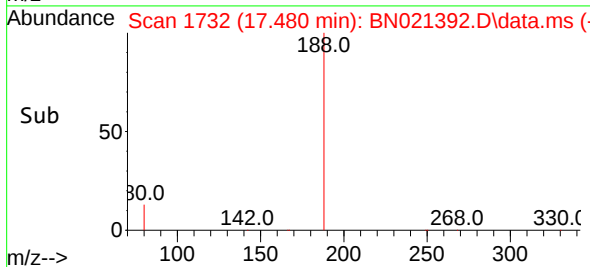
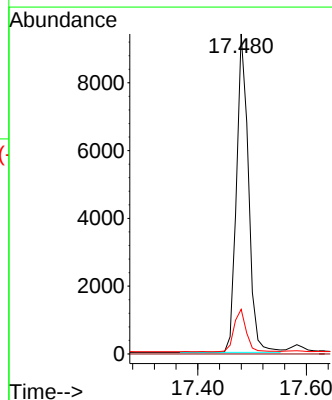
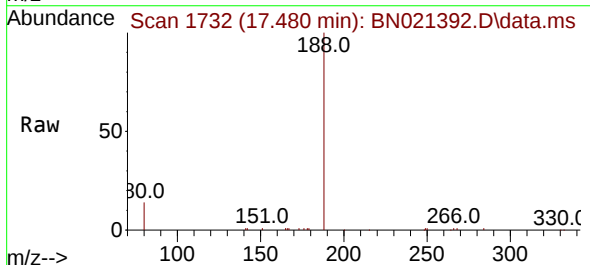
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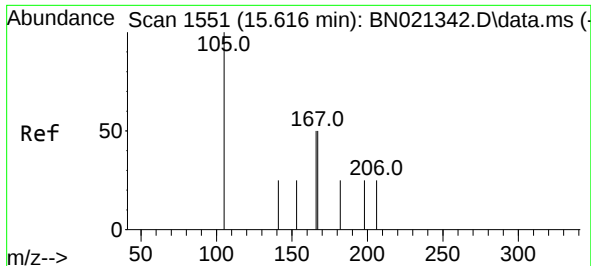
Tgt Ion:172 Resp: 8763
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 24.0 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN021392.D
Acq: 26 Aug 2022 19:32

Tgt Ion:188 Resp: 14346
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 9.5 14.3

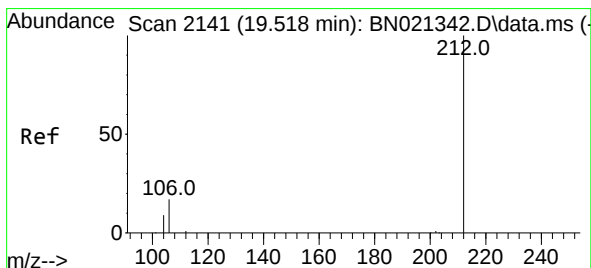
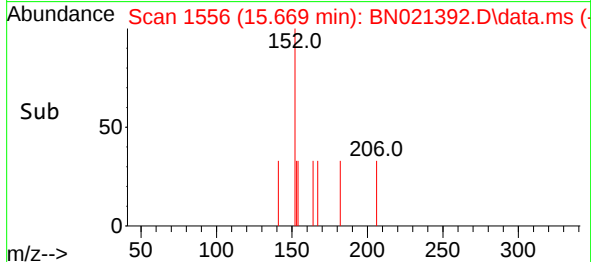
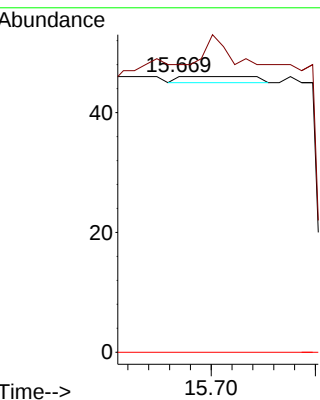
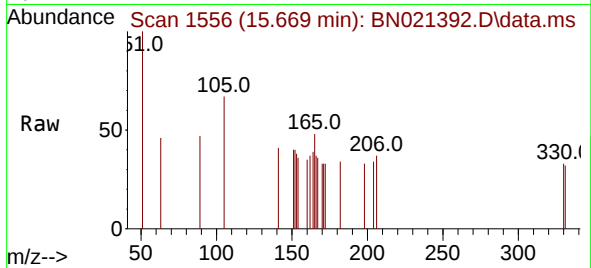




#20
4,6-Dinitro-2-methylphenol
Concen: 0.265 ng
RT: 15.669 min Scan# 11
Delta R.T. 0.043 min
Lab File: BN021392.D
Acq: 26 Aug 2022 19:32

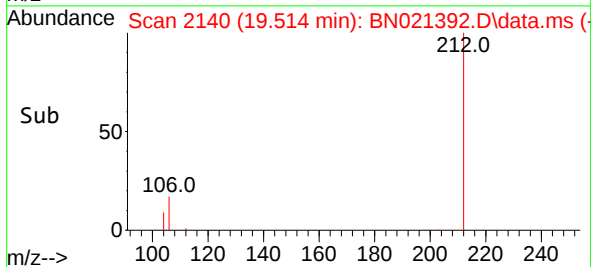
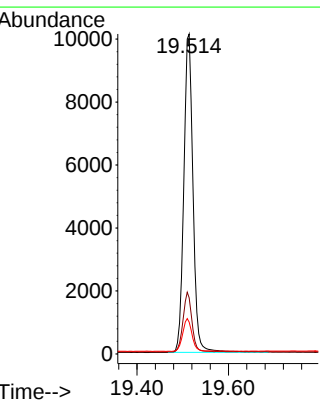
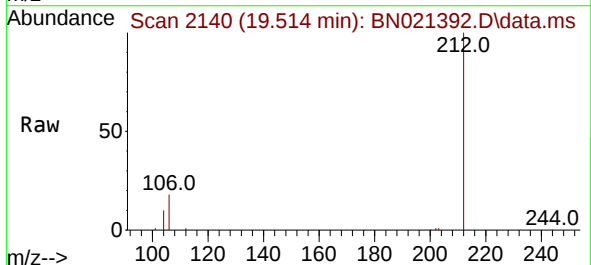
Instrument :
BNA_N
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RE115D1-20220818

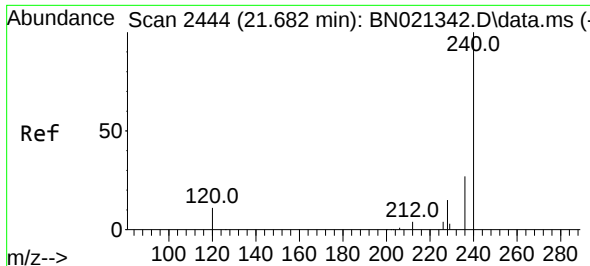
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 104.3 86.6 130.0
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 19.514 min Scan# 2140
Delta R.T. 0.004 min
Lab File: BN021392.D
Acq: 26 Aug 2022 19:32

Tgt Ion:212 Resp: 14150
Ion Ratio Lower Upper
212 100
106 18.0 14.2 21.2
104 10.3 7.8 11.6

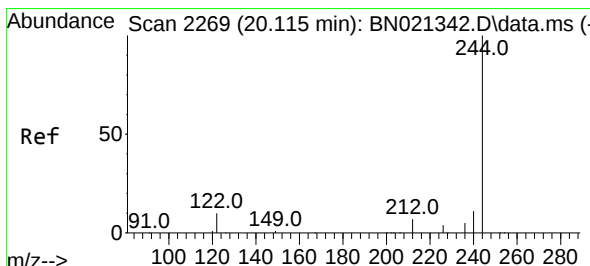
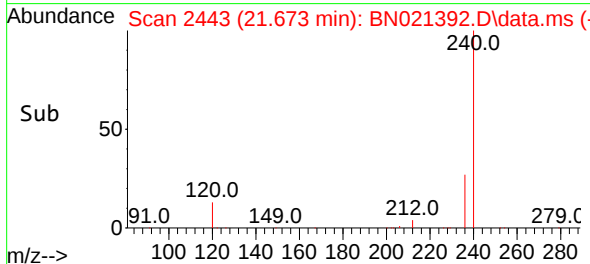
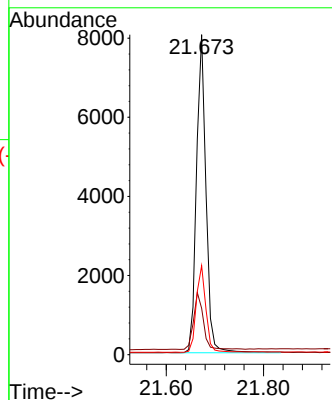
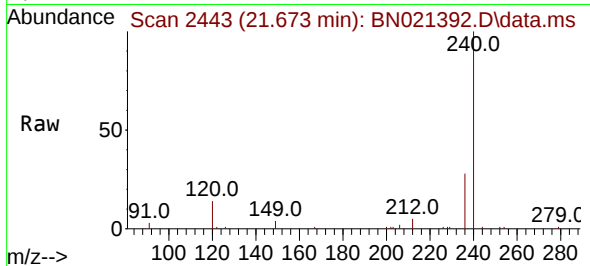




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN021392.D
Acq: 26 Aug 2022 19:32

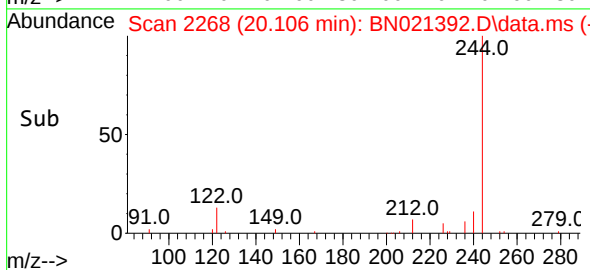
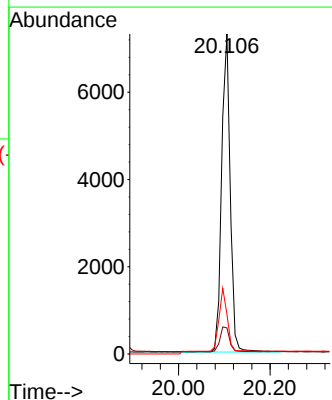
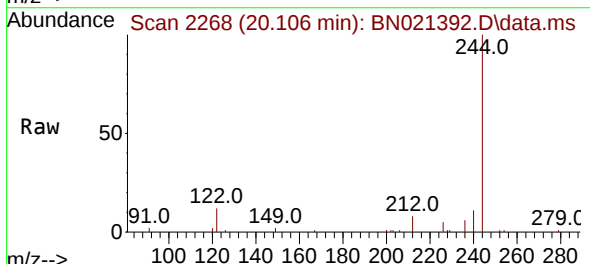
Instrument :
BNA_N
ClientSampleId :
RE115D1-20220818

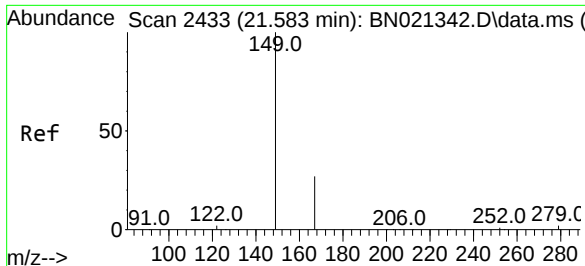
Tgt Ion:240 Resp: 10901
Ion Ratio Lower Upper
240 100
120 14.5 10.2 15.4
236 27.8 22.1 33.1



#31
Terphenyl-d14
Concen: 0.401 ng
RT: 20.106 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BN021392.D
Acq: 26 Aug 2022 19:32

Tgt Ion:244 Resp: 9244
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 12.4 9.1 13.7

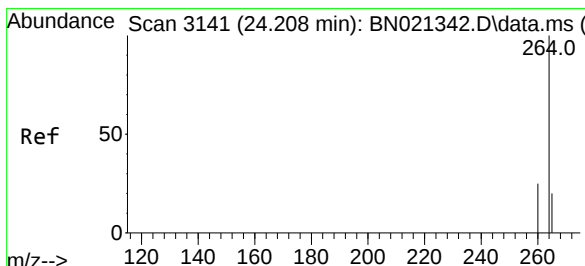
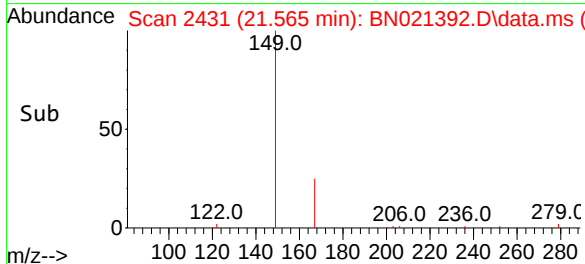
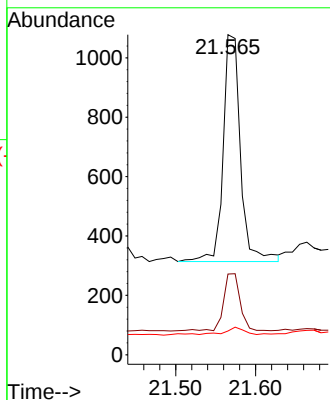
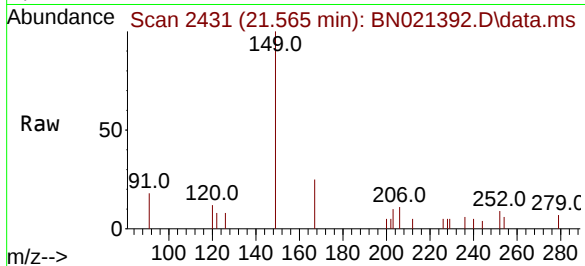




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.058 ng
 RT: 21.565 min Scan# 2431
 Delta R.T. -0.009 min
 Lab File: BN021392.D
 Acq: 26 Aug 2022 19:32

Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20220818

Tgt Ion:149 Resp: 1150
 Ion Ratio Lower Upper
 149 100
 167 23.5 21.4 32.0
 279 3.3 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.197 min Scan# 3137
 Delta R.T. -0.006 min
 Lab File: BN021392.D
 Acq: 26 Aug 2022 19:32

Tgt Ion:264 Resp: 8894
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.0 31.6
 265 36.3 32.2 48.2

