

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
 Data File : BN019082.D
 Acq On : 23 Mar 2022 07:29
 Operator : CG/JU
 Sample : N2041-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20220318

Quant Time: Mar 23 08:12:04 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

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

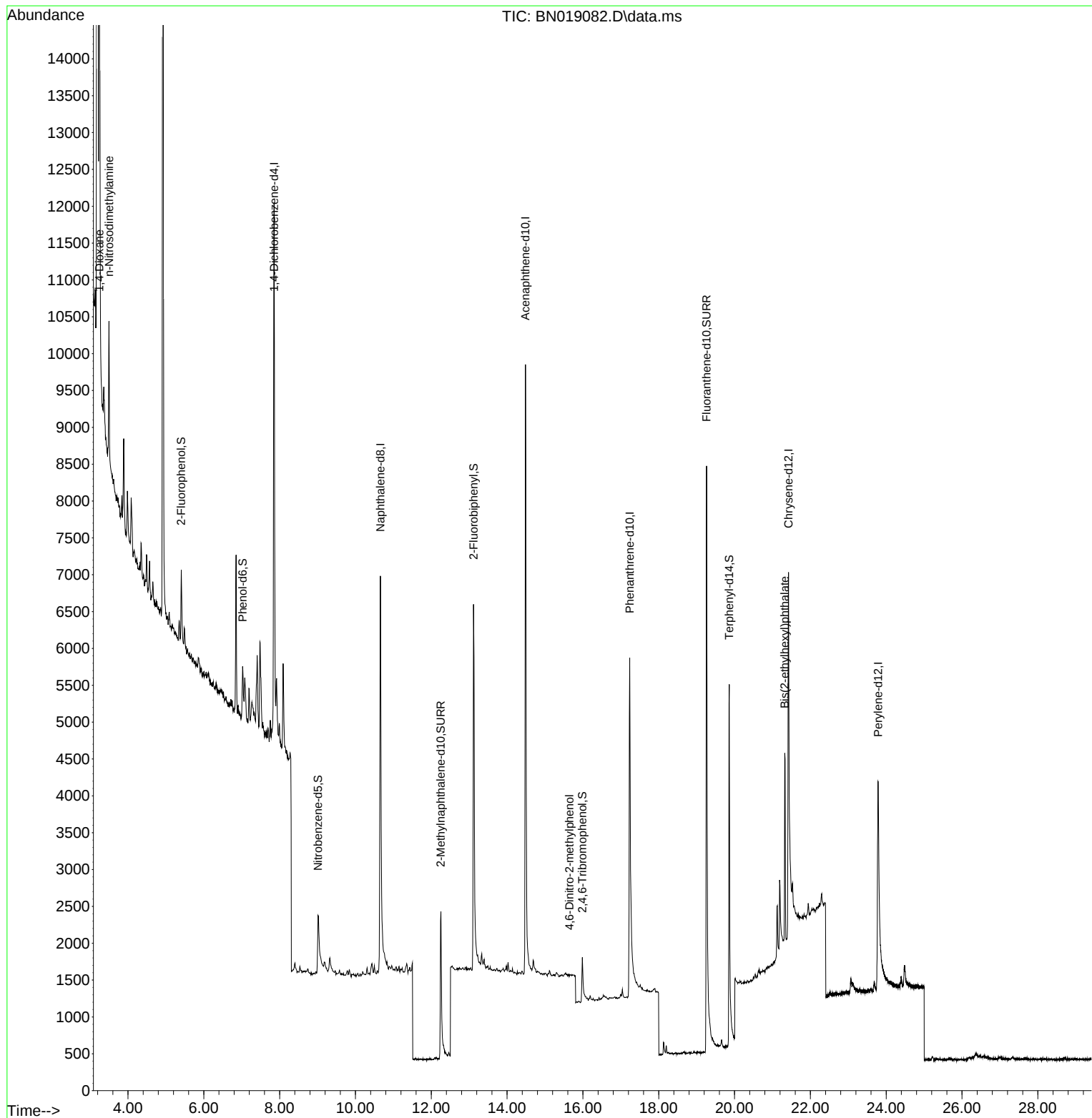
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3863	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	9610	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	5774	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	10765	0.400	ng	0.00
29) Chrysene-d12	21.422	240	9010	0.400	ng	# 0.00
35) Perylene-d12	23.785	264	6944	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	962	0.111	ng	0.00
5) Phenol-d6	7.024	99	458	0.050	ng	0.01
8) Nitrobenzene-d5	9.014	82	1421	0.205	ng	0.00
11) 2-Methylnaphthalene-d10	12.253	152	4273	0.268	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	526	0.189	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	5905	0.255	ng	-0.01
27) Fluoranthene-d10	19.261	212	12687	0.397	ng	0.00
31) Terphenyl-d14	19.860	244	7213	0.326	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	12176	2.550	ng	Qvalue 98
3) n-Nitrosodimethylamine	3.499	42	253	0.045	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.650	198	6	0.112	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.324	149	2587	0.141	ng	99

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

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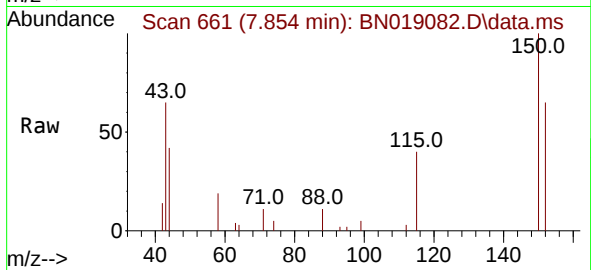
Quant Time: Mar 23 08:12:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
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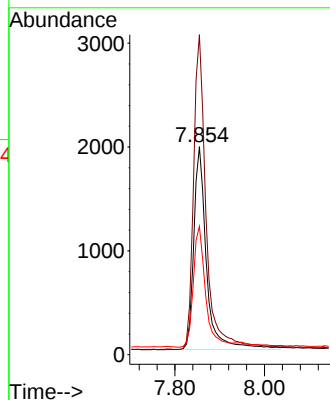
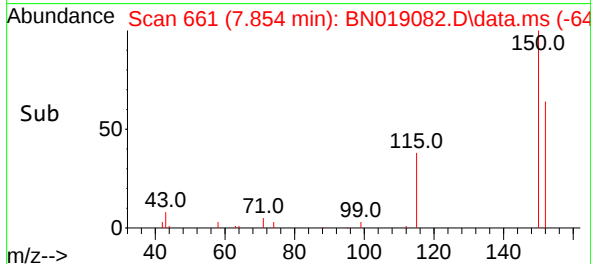


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.000 min
 Lab File: BN019082.D
 Acq: 23 Mar 2022 07:29

Instrument :
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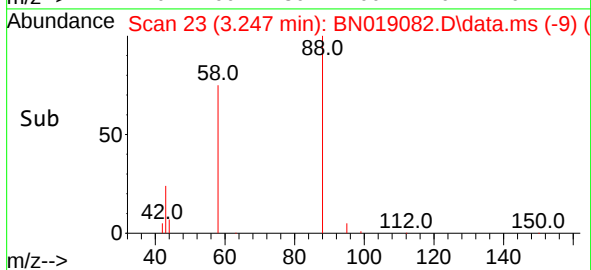
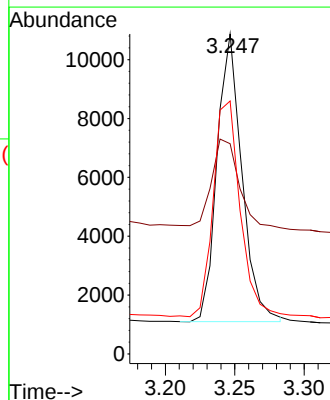
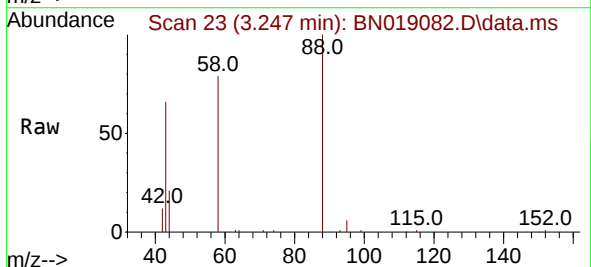


Tgt Ion:152 Resp: 3863
 Ion Ratio Lower Upper
 152 100
 150 153.9 123.9 185.9
 115 61.7 48.2 72.4



#2
 1,4-Dioxane
 Concen: 2.550 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: BN019082.D
 Acq: 23 Mar 2022 07:29

Tgt Ion: 88 Resp: 12176
 Ion Ratio Lower Upper
 88 100
 43 33.3 24.6 37.0
 58 80.7 65.4 98.2

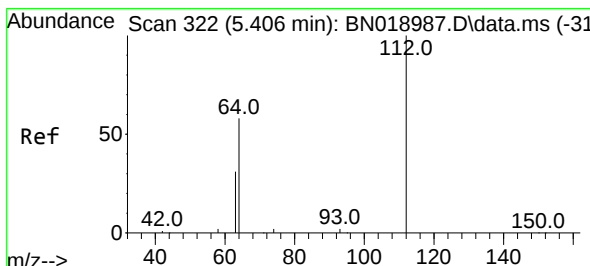
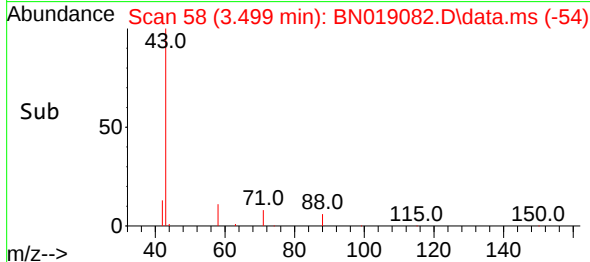
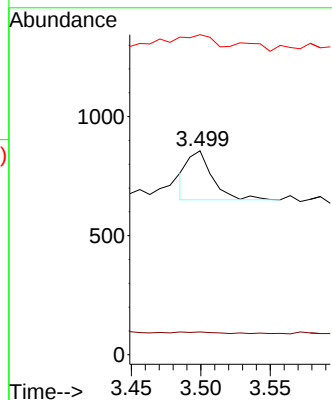
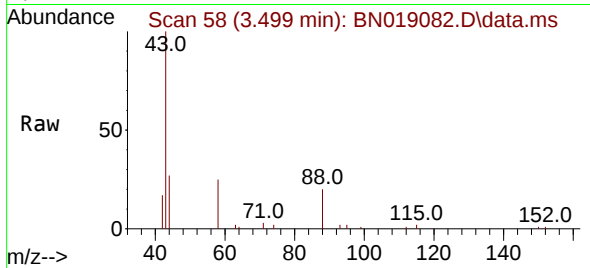




#3
n-Nitrosodimethylamine
Concen: 0.045 ng
RT: 3.499 min Scan# 51
Delta R.T. -0.072 min
Lab File: BN019082.D
Acq: 23 Mar 2022 07:29

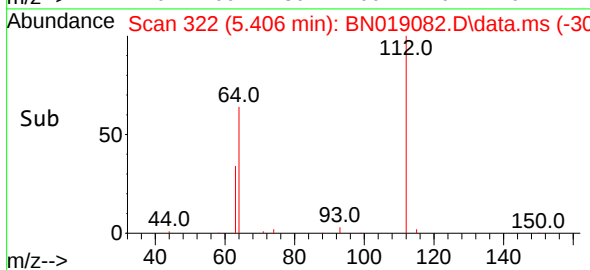
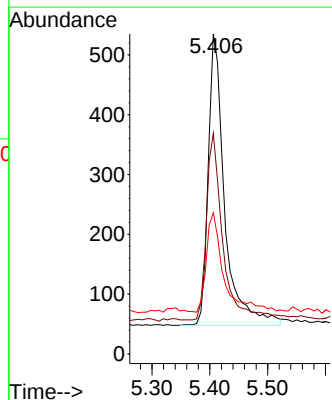
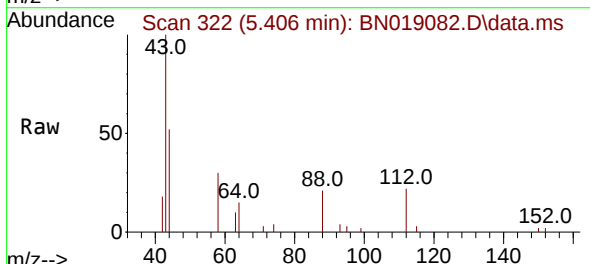
Instrument :
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Tgt Ion: 42 Resp: 253
Ion Ratio Lower Upper
42 100
74 0.0 96.9 145.3#
44 14.6 7.3 10.9#



#4
2-Fluorophenol
Concen: 0.111 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.000 min
Lab File: BN019082.D
Acq: 23 Mar 2022 07:29

Tgt Ion: 112 Resp: 962
Ion Ratio Lower Upper
112 100
64 63.6 47.8 71.8
63 35.7 25.7 38.5

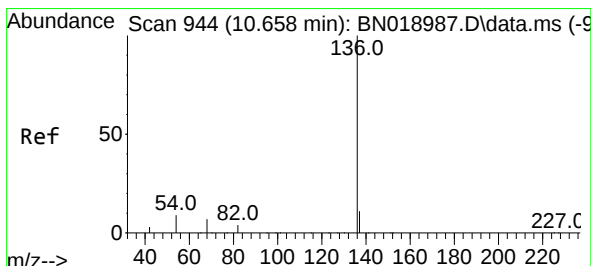
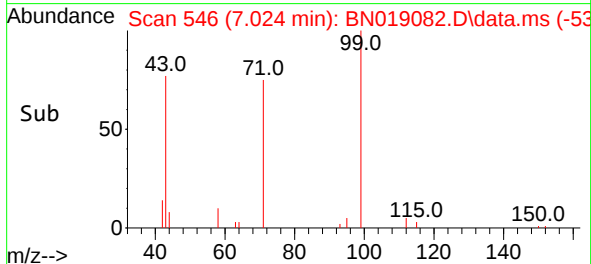
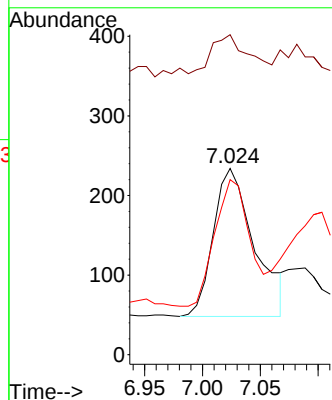
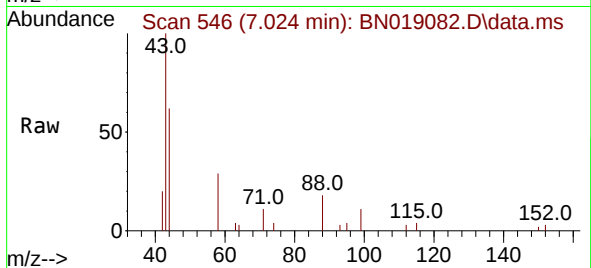




#5
Phenol-d6
Concen: 0.050 ng
RT: 7.024 min Scan# 544
Delta R.T. 0.014 min
Lab File: BN019082.D
Acq: 23 Mar 2022 07:29

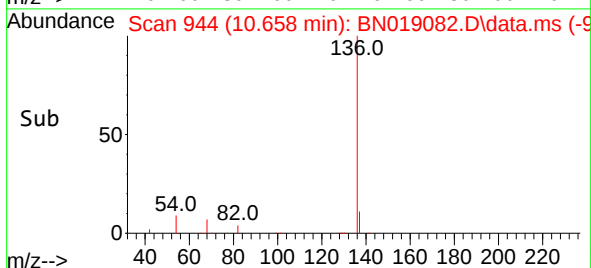
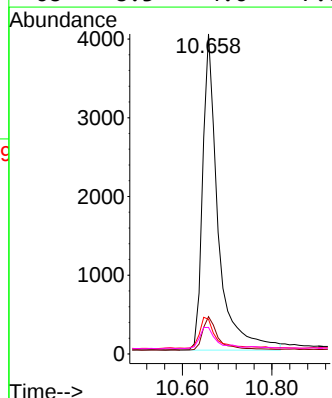
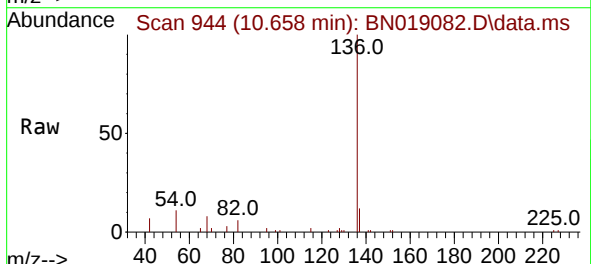
Instrument :
BNA_N
ClientSampleId :
RE114D2-20220318

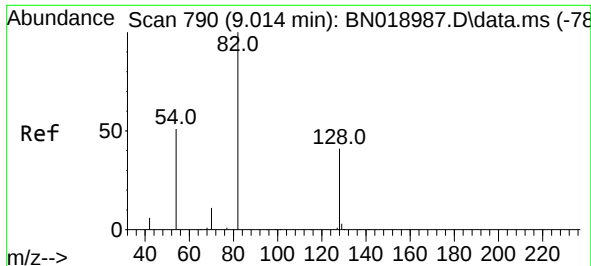
Tgt Ion: 99 Resp: 458
Ion Ratio Lower Upper
99 100
42 23.4 16.2 24.4
71 72.3 27.7 41.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019082.D
Acq: 23 Mar 2022 07:29

Tgt Ion: 136 Resp: 9610
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 10.9 5.8 8.6#
68 8.3 4.6 7.0#

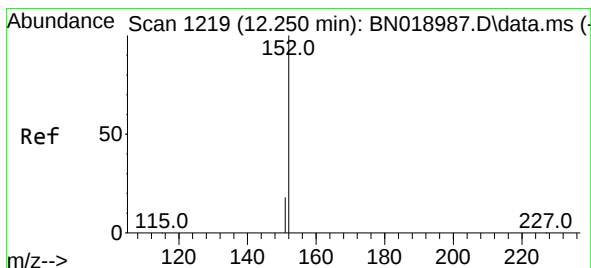
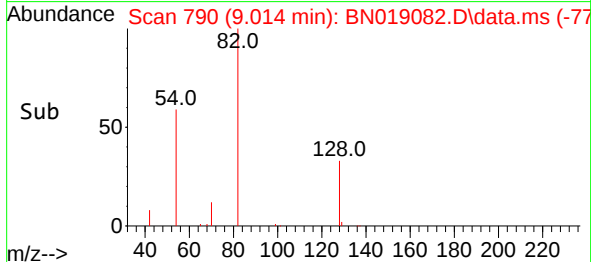
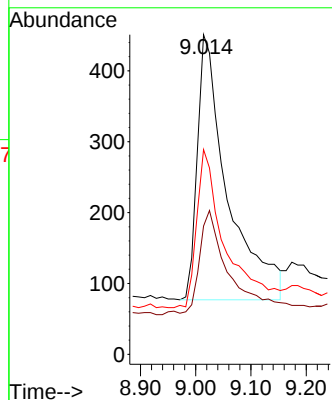
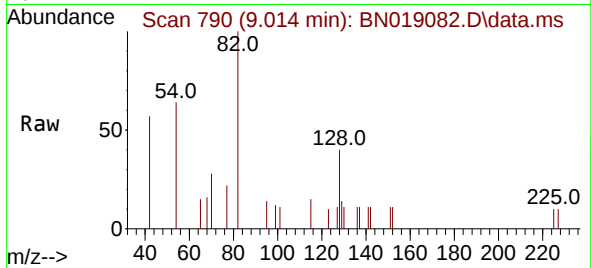




#8
 Nitrobenzene-d5
 Concen: 0.205 ng
 RT: 9.014 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: BN019082.D
 Acq: 23 Mar 2022 07:29

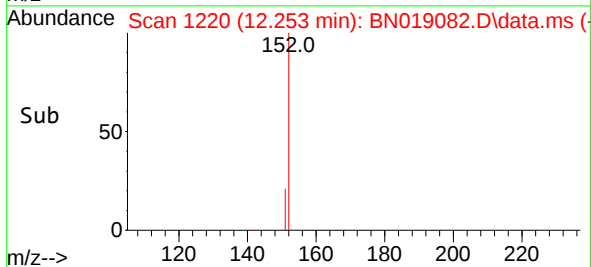
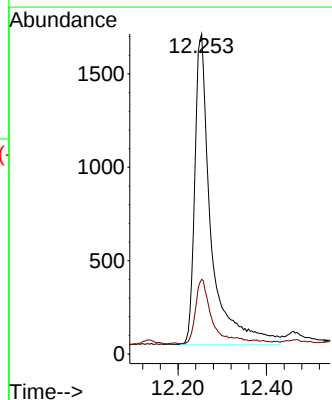
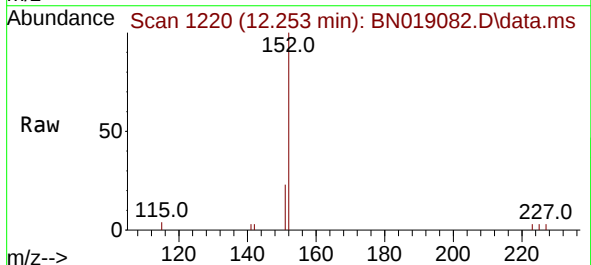
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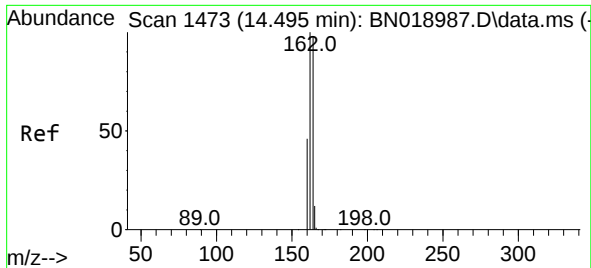
Tgt Ion: 82 Resp: 1421
 Ion Ratio Lower Upper
 82 100
 128 40.1 33.0 49.6
 54 64.1 42.5 63.7#



#11
 2-Methylnaphthalene-d10
 Concen: 0.268 ng
 RT: 12.253 min Scan# 1220
 Delta R.T. 0.004 min
 Lab File: BN019082.D
 Acq: 23 Mar 2022 07:29

Tgt Ion: 152 Resp: 4273
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.5 24.7

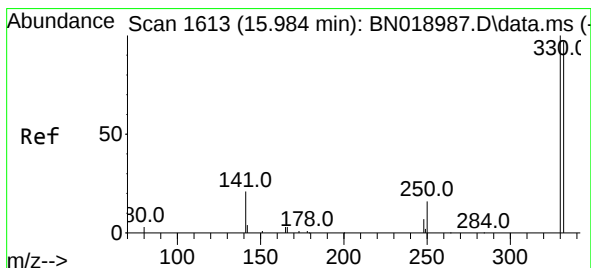
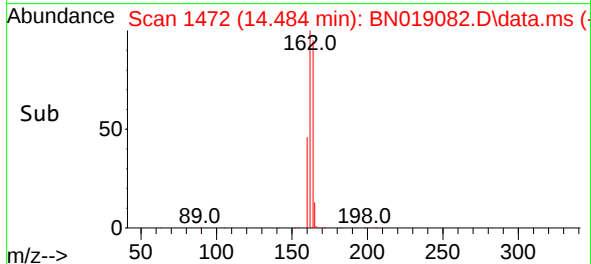
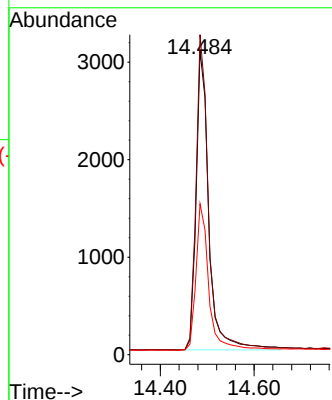
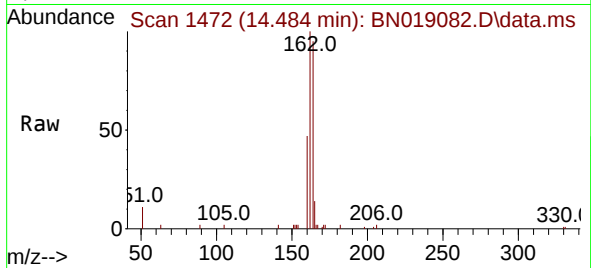




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019082.D
Acq: 23 Mar 2022 07:29

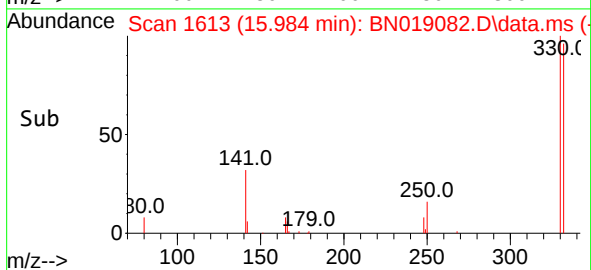
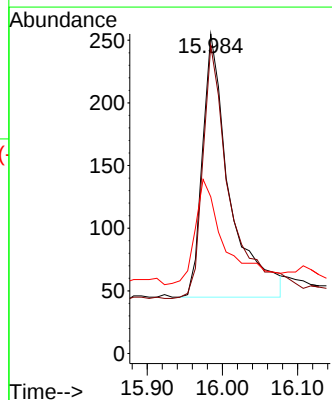
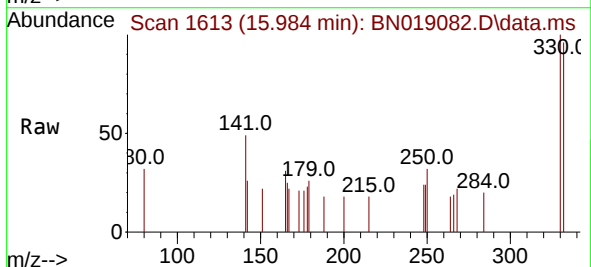
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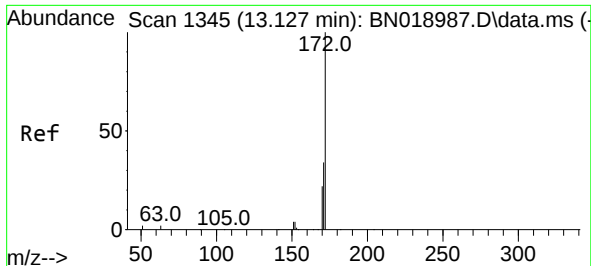
Tgt Ion:164 Resp: 5774
Ion Ratio Lower Upper
164 100
162 105.3 85.2 127.8
160 49.6 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.189 ng
RT: 15.984 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN019082.D
Acq: 23 Mar 2022 07:29

Tgt Ion:330 Resp: 526
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 45.2 32.2 48.2

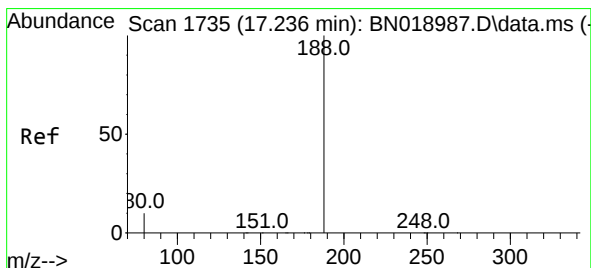
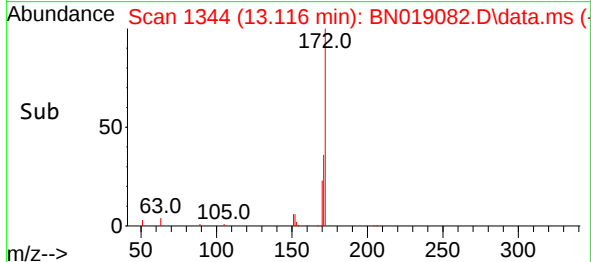
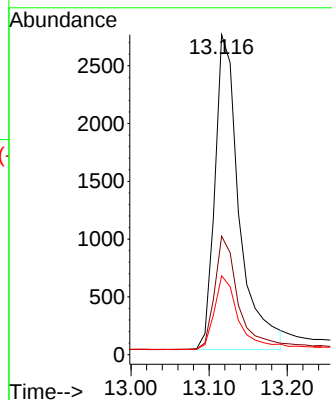
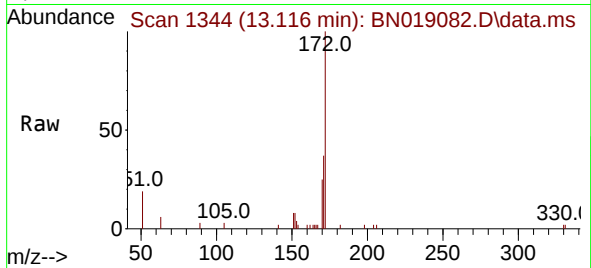




#15
2-Fluorobiphenyl
Concen: 0.255 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN019082.D
Acq: 23 Mar 2022 07:29

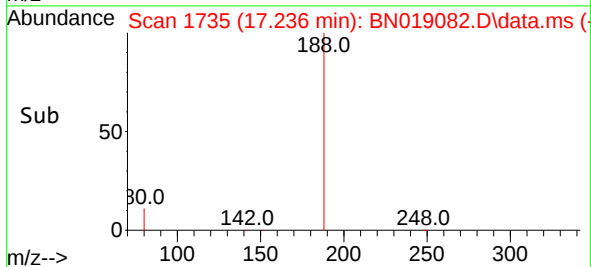
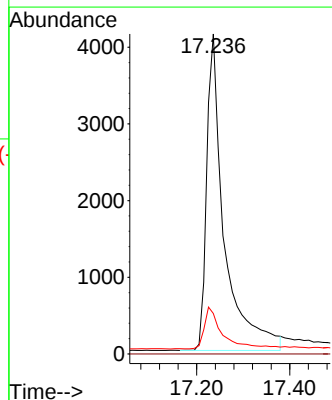
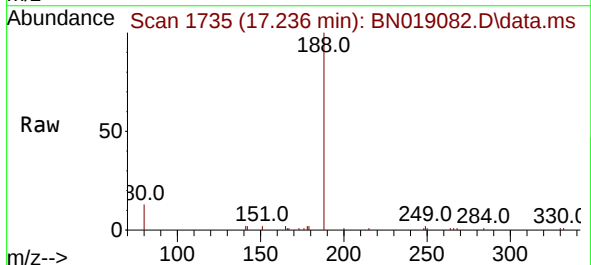
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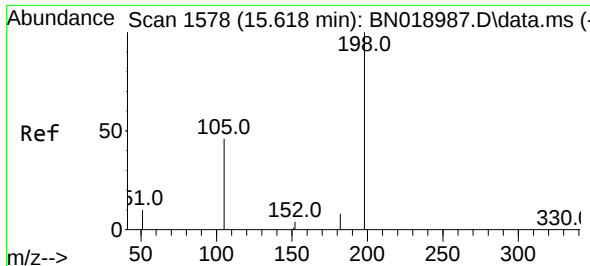
Tgt Ion:172 Resp: 5905
Ion Ratio Lower Upper
172 100
171 37.1 28.2 42.2
170 24.7 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN019082.D
Acq: 23 Mar 2022 07:29

Tgt Ion:188 Resp: 10765
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.7 11.8 17.8

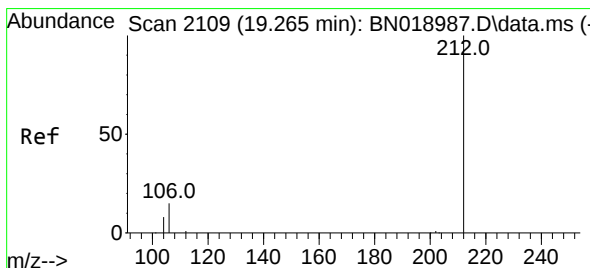
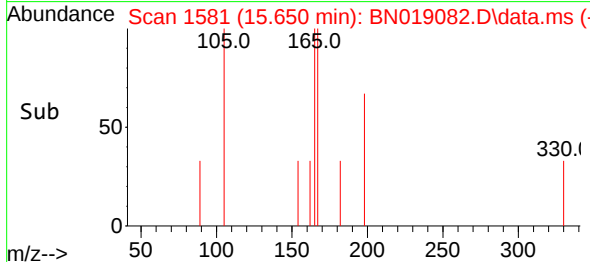
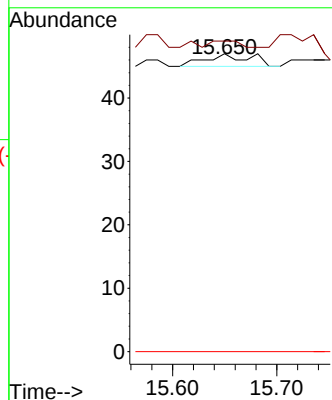
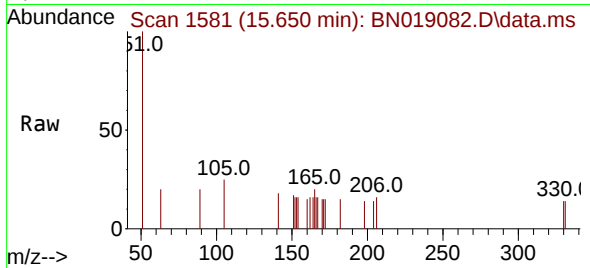




#20
4,6-Dinitro-2-methylphenol
Concen: 0.112 ng
RT: 15.650 min Scan# 11
Delta R.T. 0.032 min
Lab File: BN019082.D
Acq: 23 Mar 2022 07:29

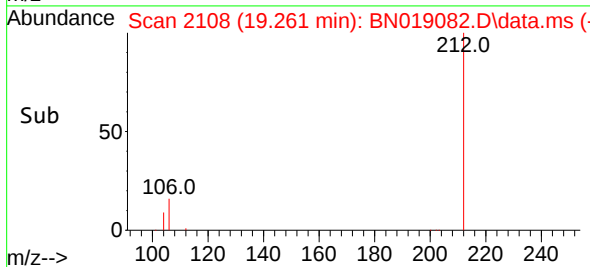
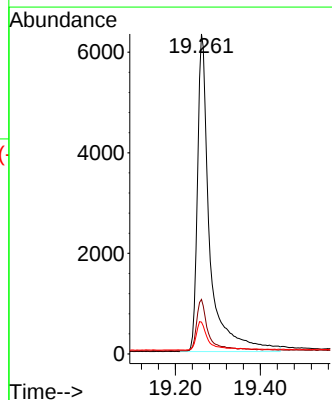
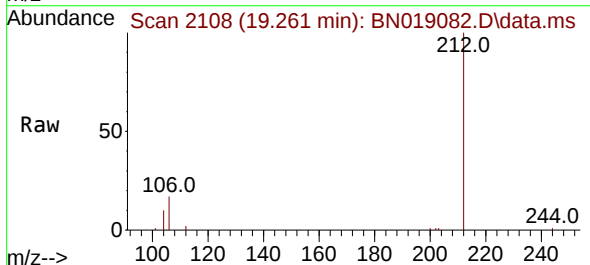
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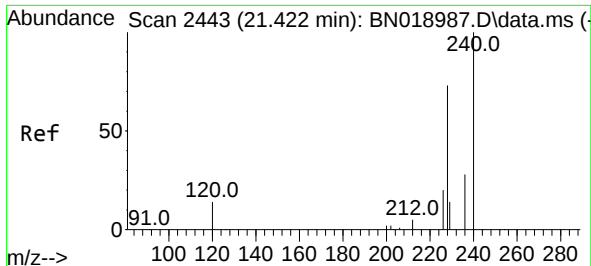
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
182 104.3 13.0 19.4#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019082.D
Acq: 23 Mar 2022 07:29

Tgt Ion:212 Resp: 12687
Ion Ratio Lower Upper
212 100
106 15.2 12.7 19.1
104 8.3 7.1 10.7

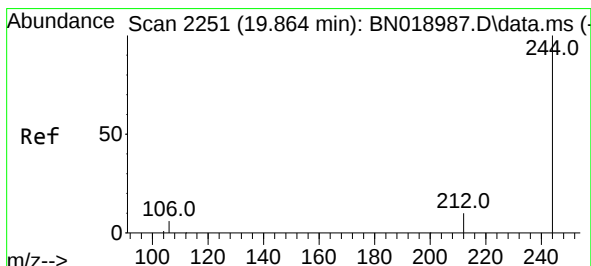
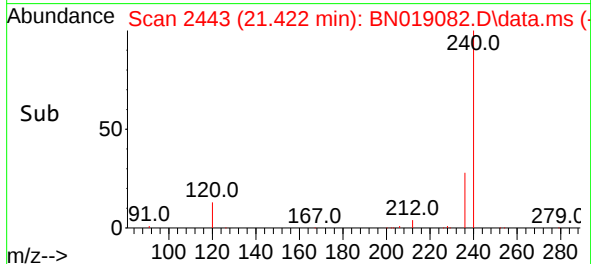
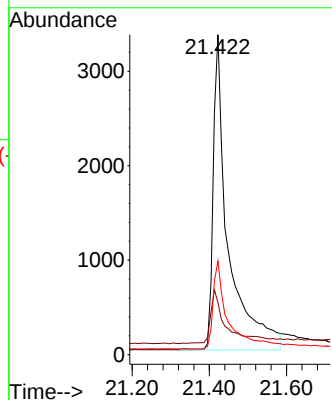
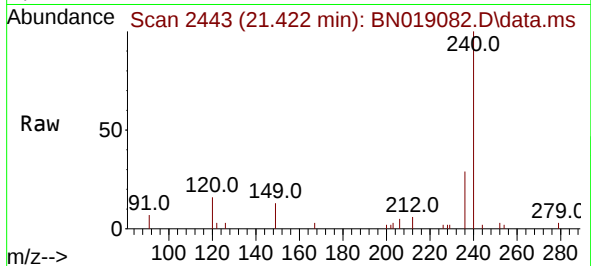




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN019082.D
Acq: 23 Mar 2022 07:29

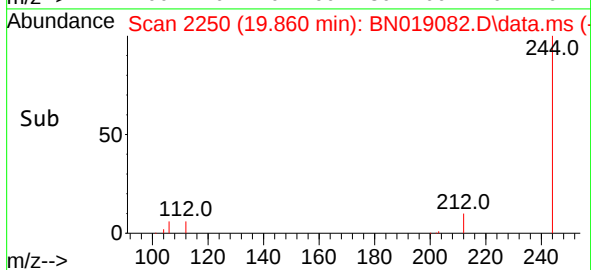
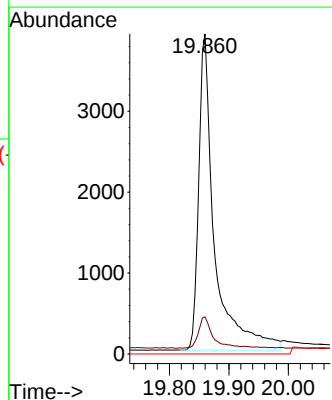
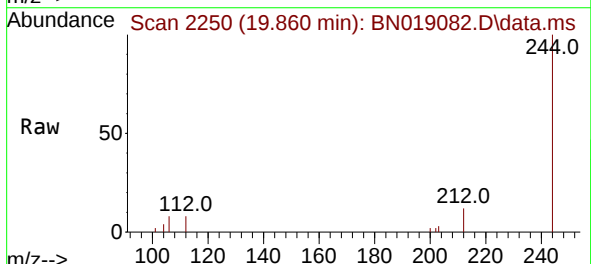
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ClientSampleId :
RE114D2-20220318

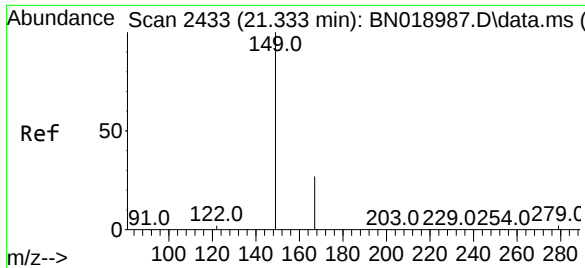
Tgt Ion:240 Resp: 9010
Ion Ratio Lower Upper
240 100
120 16.3 8.5 12.7#
236 29.2 22.4 33.6



#31
Terphenyl-d14
Concen: 0.326 ng
RT: 19.860 min Scan# 2250
Delta R.T. -0.004 min
Lab File: BN019082.D
Acq: 23 Mar 2022 07:29

Tgt Ion:244 Resp: 7213
Ion Ratio Lower Upper
244 100
212 11.6 8.2 12.4
122 0.0 0.0 0.0

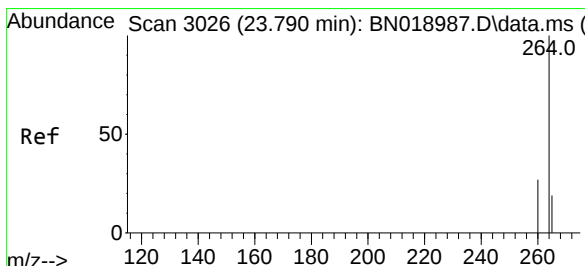
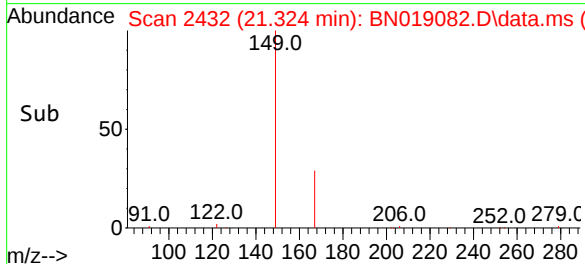
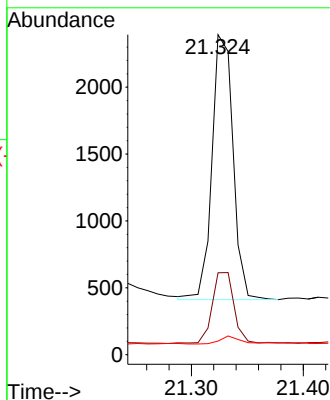
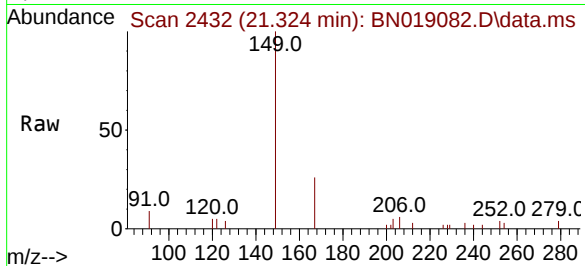




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.141 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019082.D
Acq: 23 Mar 2022 07:29

Instrument :
BNA_N
ClientSampleId :
RE114D2-20220318

Tgt Ion:149	Resp:	2587
Ion Ratio	Lower	Upper
149	100	
167	27.9	21.8 32.8
279	2.8	2.0 3.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.785 min Scan# 3024
Delta R.T. -0.006 min
Lab File: BN019082.D
Acq: 23 Mar 2022 07:29

Tgt Ion:264	Resp:	6944
Ion Ratio	Lower	Upper
264	100	
260	28.6	22.4 33.6
265	51.2	25.3 37.9

