

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
 Data File : BN021434.D
 Acq On : 29 Aug 2022 23:51
 Operator : CG/JU
 Sample : PB147305BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB147305BL

Quant Time: Aug 30 01:17:12 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:30:43 2022
 Response via : Initial Calibration

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

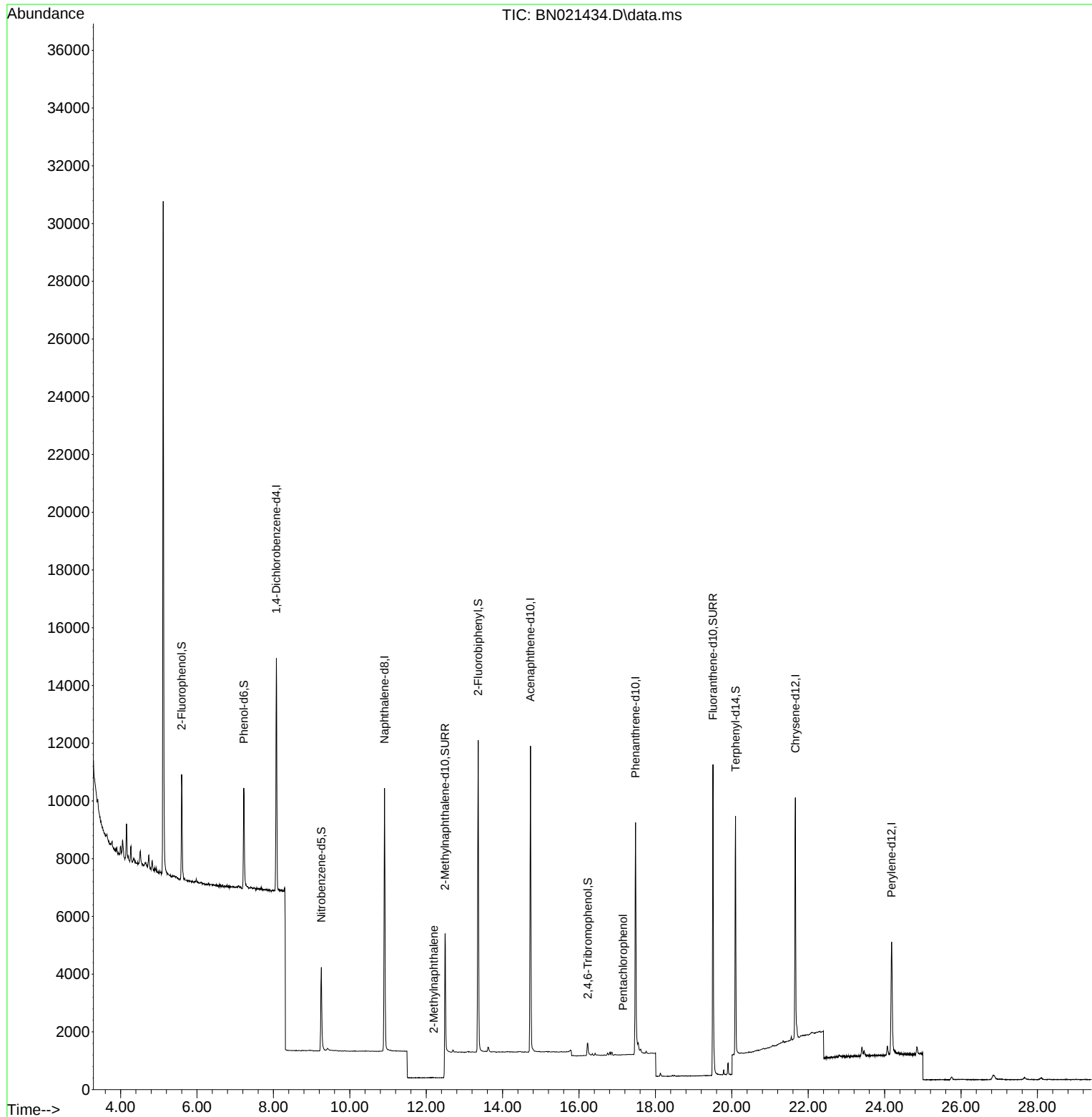
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	4101	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	12418	0.400	ng	0.00
13) Acenaphthene-d10	14.729	164	6150	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	12359	0.400	ng	0.00
29) Chrysene-d12	21.664	240	8266	0.400	ng	0.00
35) Perylene-d12	24.182	264	6472	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	3181	0.396	ng	0.00
5) Phenol-d6	7.224	99	3809	0.372	ng	0.00
8) Nitrobenzene-d5	9.254	82	2768	0.330	ng	0.00
11) 2-Methylnaphthalene-d10	12.493	152	10431	0.373	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	341	0.169	ng	0.01
15) 2-Fluorobiphenyl	13.360	172	9900	0.368	ng	0.00
27) Fluoranthene-d10	19.506	212	12080	0.380	ng	0.00
31) Terphenyl-d14	20.097	244	7775	0.419	ng	0.00
Target Compounds						
12) 2-Methylnaphthalene	12.199	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.152	266	28	0.212	ng	# 54

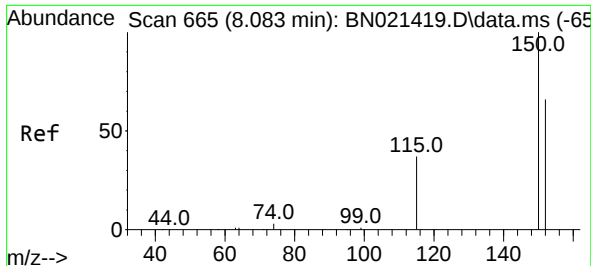
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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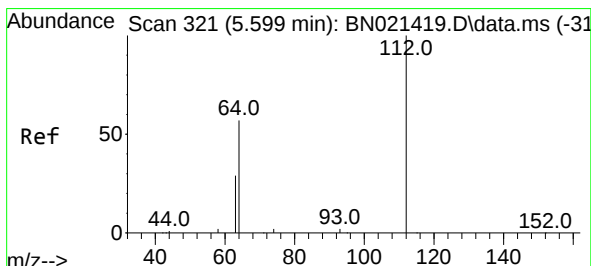
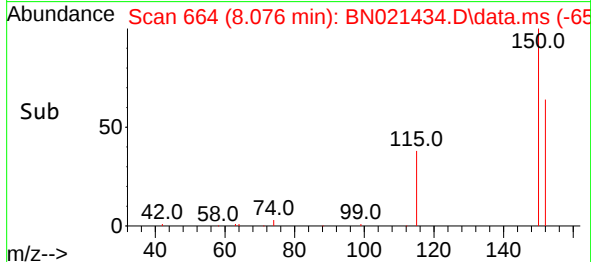
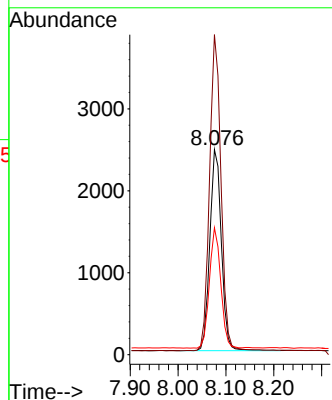
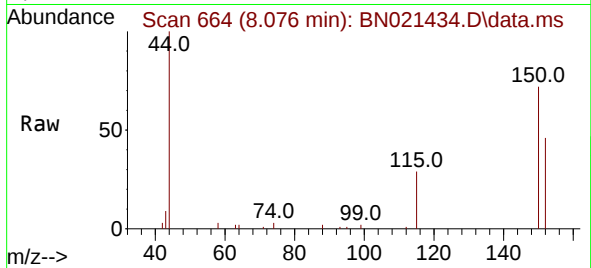




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.076 min Scan# 665
Delta R.T. -0.007 min
Lab File: BN021434.D
Acq: 29 Aug 2022 23:51

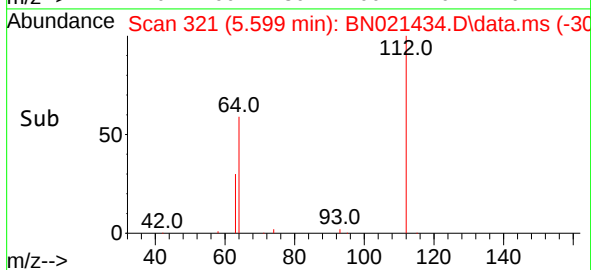
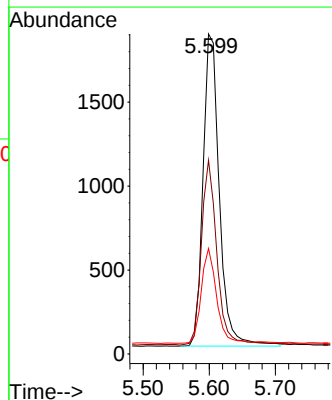
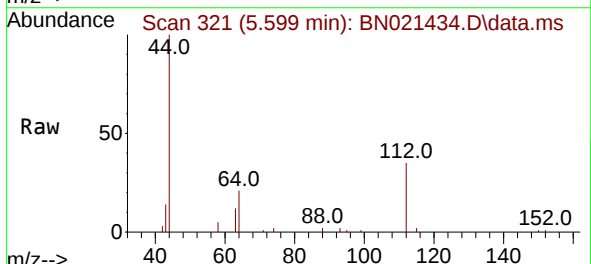
Instrument :
BNA_N
ClientSampleId :
PB147305BL

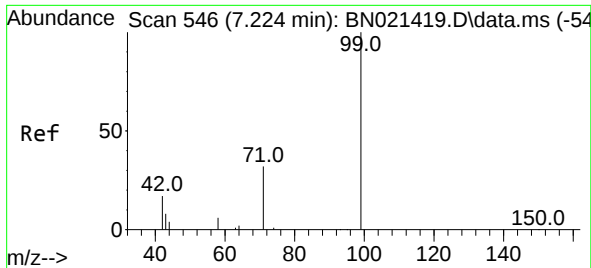
Tgt Ion:152 Resp: 4101
Ion Ratio Lower Upper
152 100
150 156.0 121.4 182.0
115 61.9 48.6 72.8



#4
2-Fluorophenol
Concen: 0.396 ng
RT: 5.599 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN021434.D
Acq: 29 Aug 2022 23:51

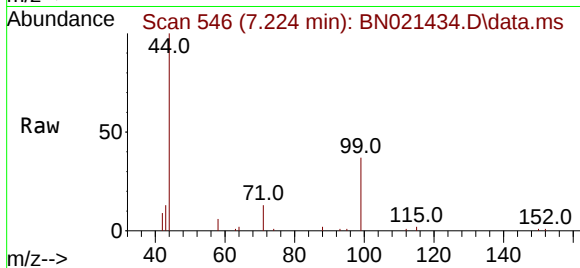
Tgt Ion:112 Resp: 3181
Ion Ratio Lower Upper
112 100
64 56.7 43.5 65.3
63 28.4 22.6 34.0



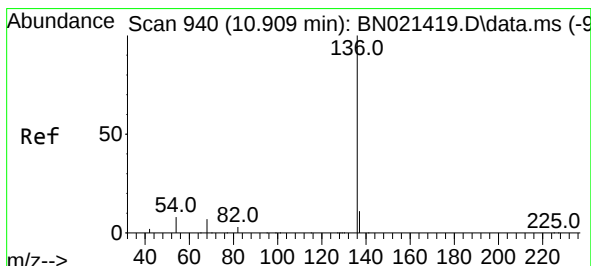
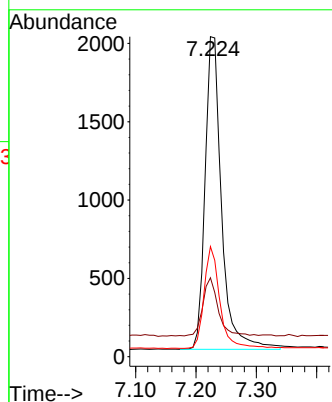
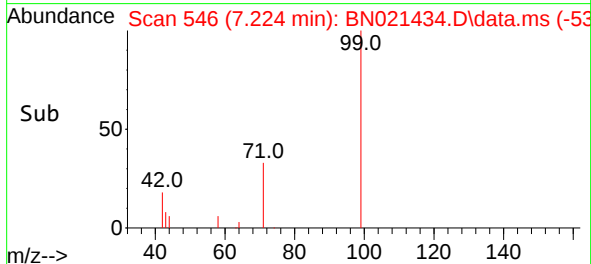


#5
Phenol-d6
Concen: 0.372 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN021434.D
Acq: 29 Aug 2022 23:51

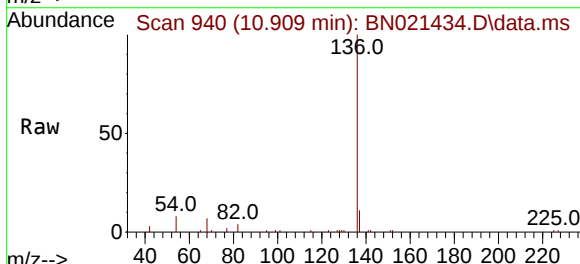
Instrument :
BNA_N
ClientSampleId :
PB147305BL



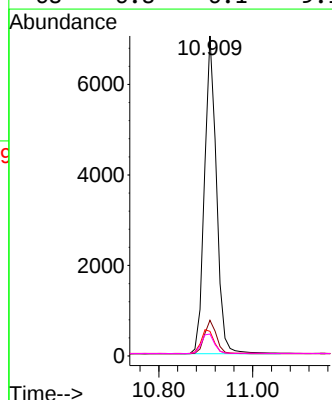
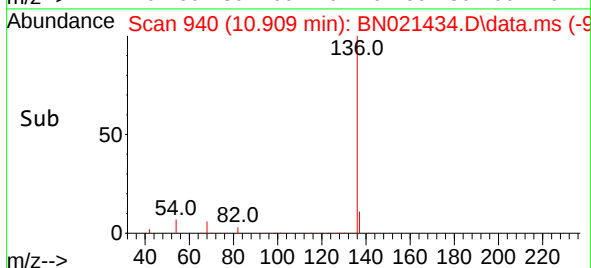
Tgt Ion:	99	Resp:	3809
Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.5	23.3
71	31.3	24.2	36.2

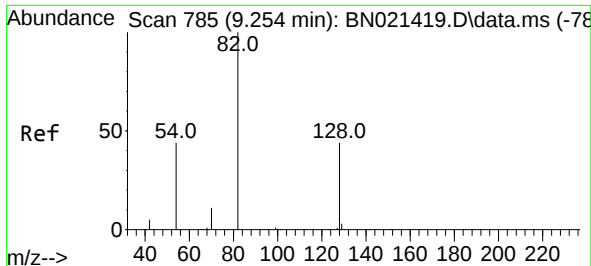


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021434.D
Acq: 29 Aug 2022 23:51



Tgt Ion:	136	Resp:	12418
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	7.7	6.9	10.3
68	6.8	6.1	9.1

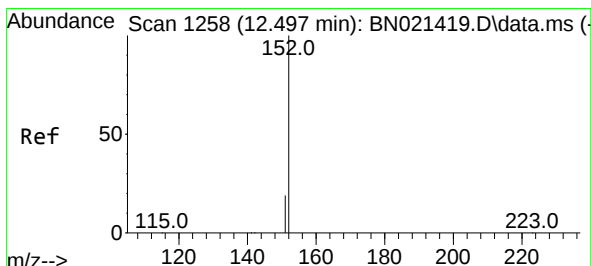
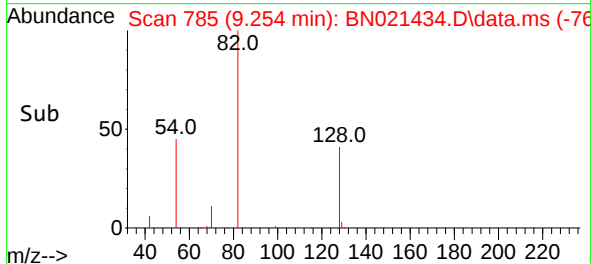
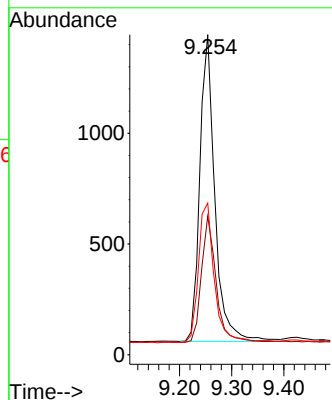
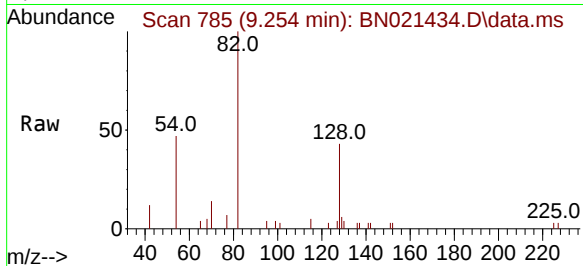




#8
 Nitrobenzene-d5
 Concen: 0.330 ng
 RT: 9.254 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: BN021434.D
 Acq: 29 Aug 2022 23:51

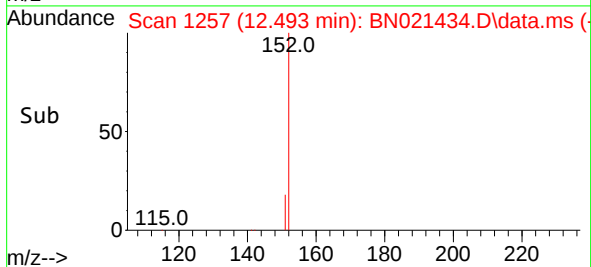
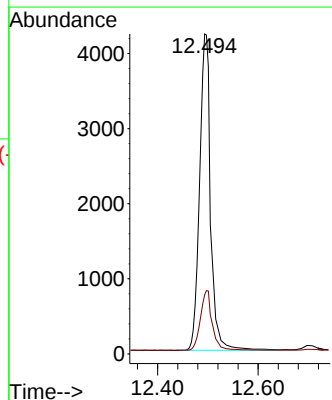
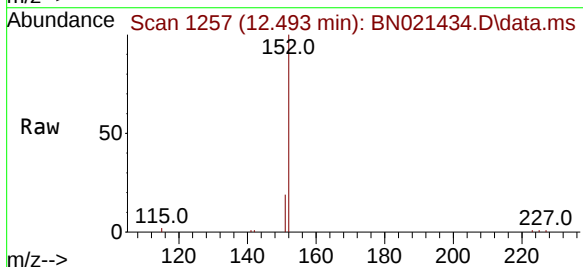
Instrument :
 BNA_N
 ClientSampleId :
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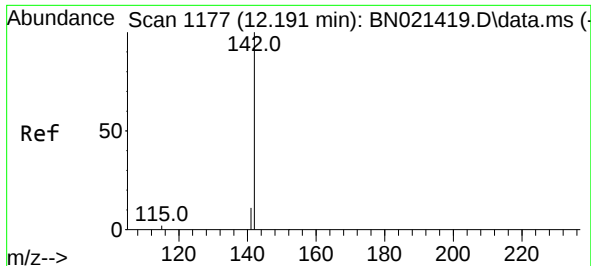
Tgt Ion: 82 Resp: 2768
 Ion Ratio Lower Upper
 82 100
 128 43.3 30.9 46.3
 54 47.4 42.7 64.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.373 ng
 RT: 12.493 min Scan# 1257
 Delta R.T. -0.004 min
 Lab File: BN021434.D
 Acq: 29 Aug 2022 23:51

Tgt Ion: 152 Resp: 10431
 Ion Ratio Lower Upper
 152 100
 151 19.9 14.5 21.7





#12

2-Methylnaphthalene

Concen: 0.127 ng

RT: 12.199 min Scan# 1179

Delta R.T. 0.008 min

Lab File: BN021434.D

Acq: 29 Aug 2022 23:51

Instrument :

BNA_N

ClientSampleId :

PB147305BL

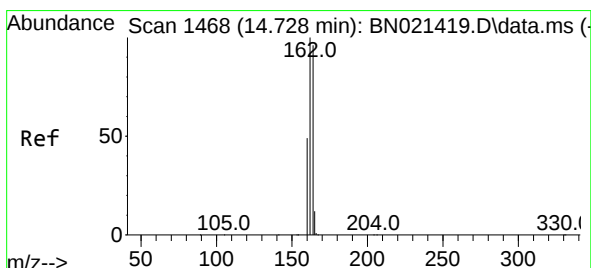
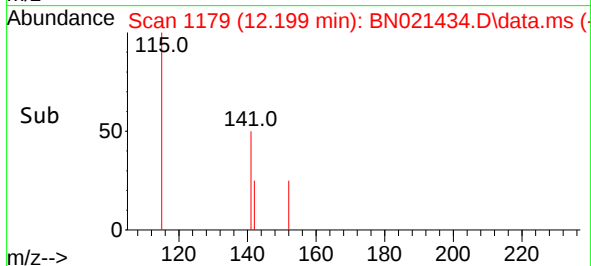
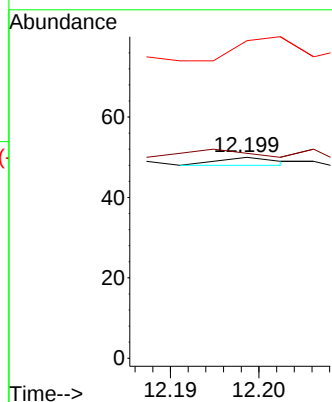
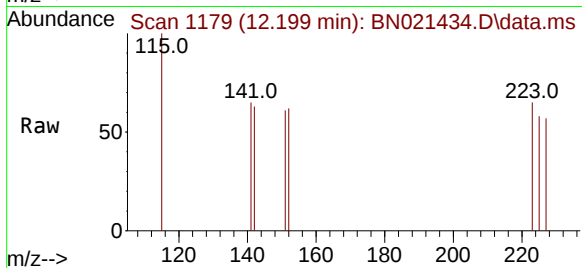
Tgt Ion:142 Resp: 1

Ion Ratio Lower Upper

142 100

141 102.0 12.2 18.2#

115 158.0 7.9 11.9#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.729 min Scan# 1468

Delta R.T. 0.001 min

Lab File: BN021434.D

Acq: 29 Aug 2022 23:51

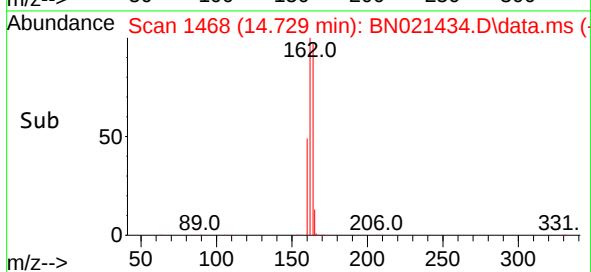
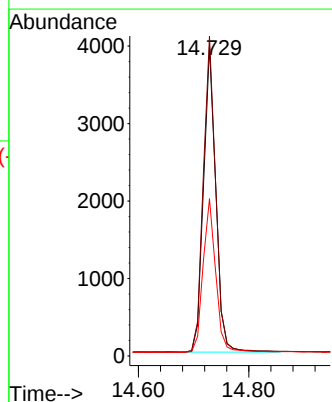
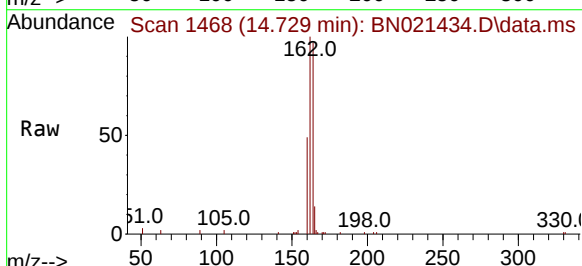
Tgt Ion:164 Resp: 6150

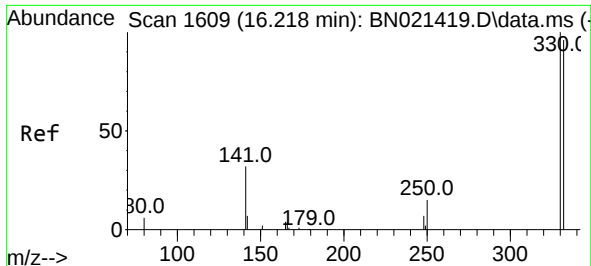
Ion Ratio Lower Upper

164 100

162 103.4 82.2 123.4

160 50.8 39.5 59.3

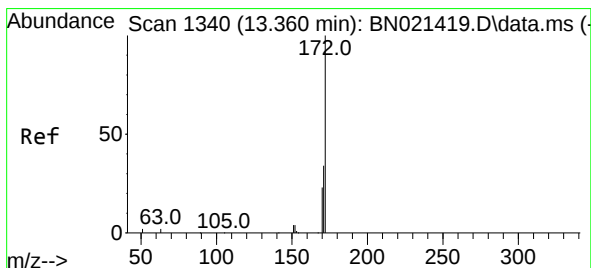
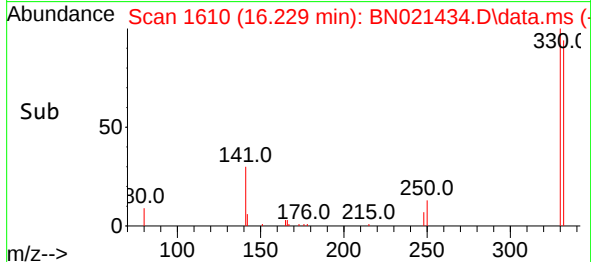
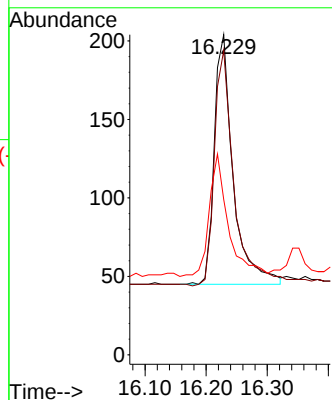
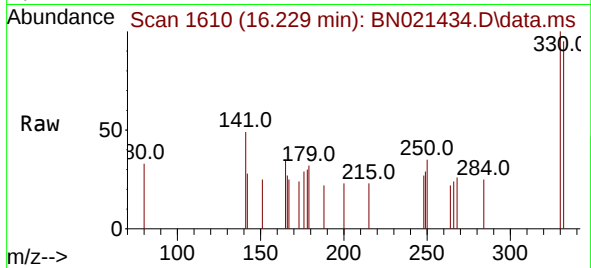




#14
2,4,6-Tribromophenol
Concen: 0.169 ng
RT: 16.229 min Scan# 1610
Delta R.T. 0.011 min
Lab File: BN021434.D
Acq: 29 Aug 2022 23:51

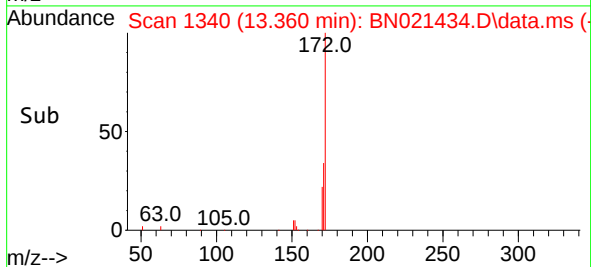
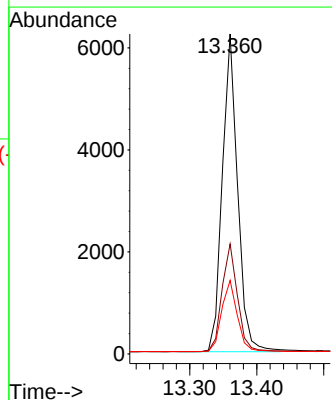
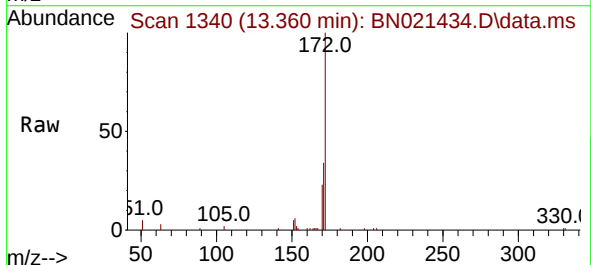
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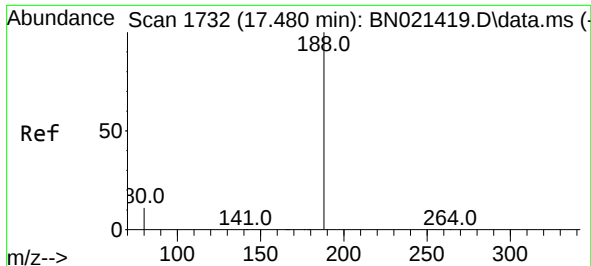
Tgt Ion:330 Resp: 341
Ion Ratio Lower Upper
330 100
332 99.1 79.3 118.9
141 49.6 37.1 55.7



#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 13.360 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BN021434.D
Acq: 29 Aug 2022 23:51

Tgt Ion:172 Resp: 9900
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 23.0 18.6 28.0

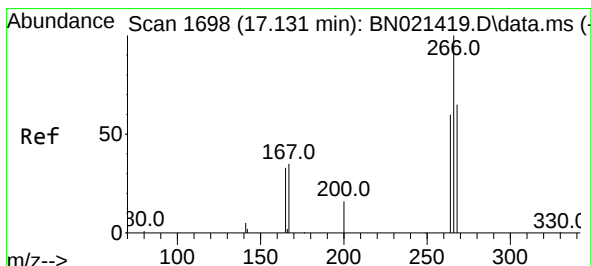
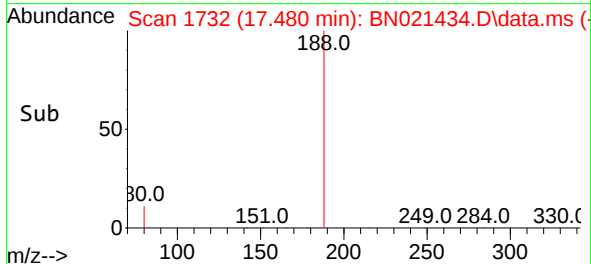
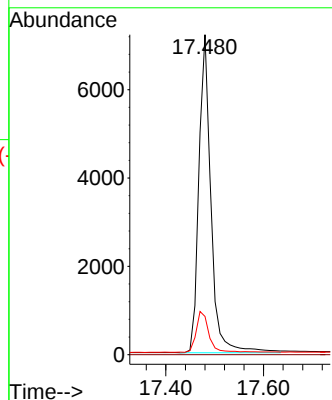
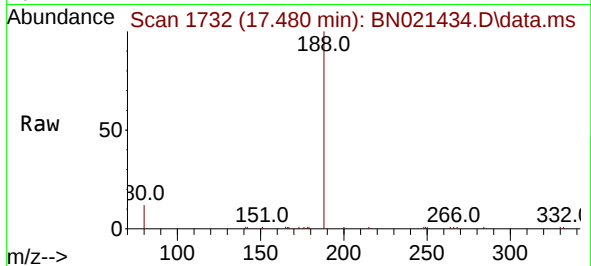




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021434.D
Acq: 29 Aug 2022 23:51

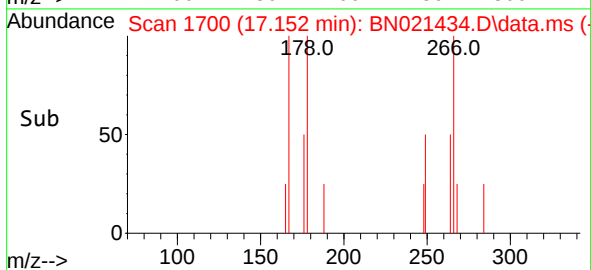
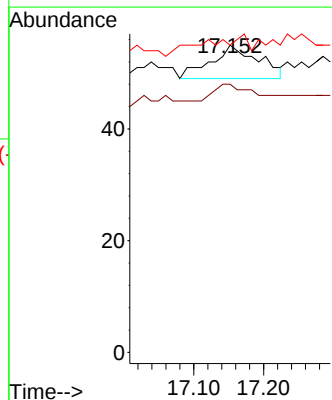
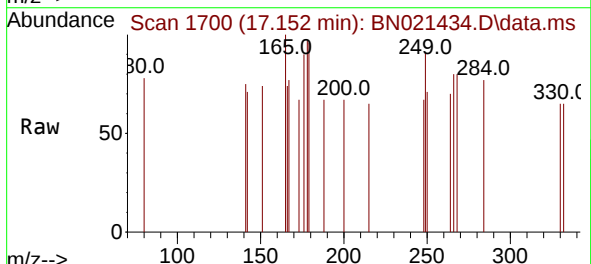
Instrument :
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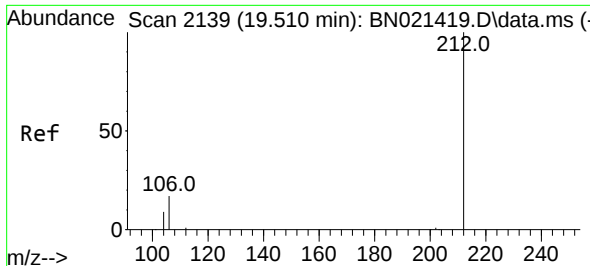
Tgt Ion:188 Resp: 12359
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 9.5 14.3



#24
Pentachlorophenol
Concen: 0.212 ng
RT: 17.152 min Scan# 1700
Delta R.T. 0.021 min
Lab File: BN021434.D
Acq: 29 Aug 2022 23:51

Tgt Ion:266 Resp: 28
Ion Ratio Lower Upper
266 100
264 53.6 49.0 73.6
268 0.0 50.9 76.3#

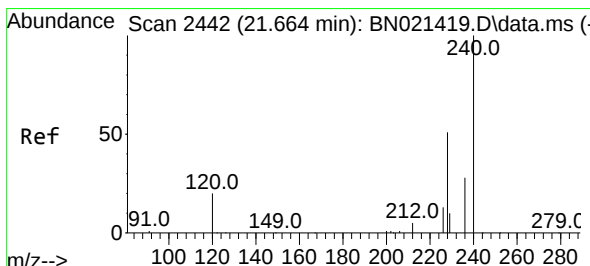
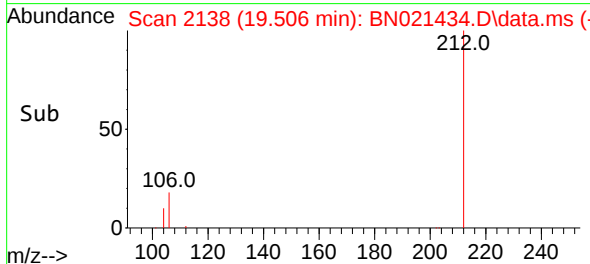
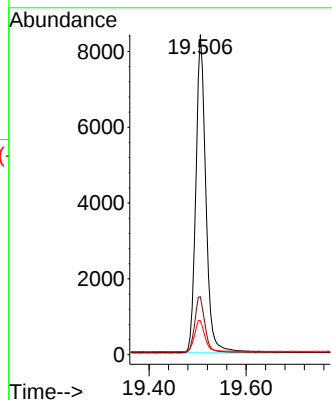
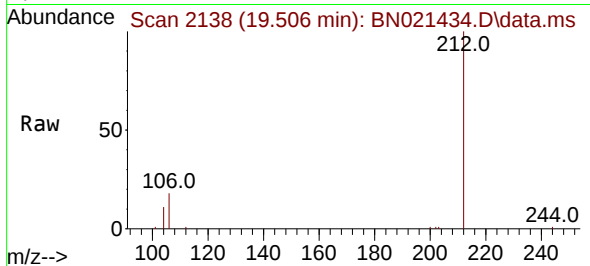




#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.506 min Scan# 2138
Delta R.T. -0.004 min
Lab File: BN021434.D
Acq: 29 Aug 2022 23:51

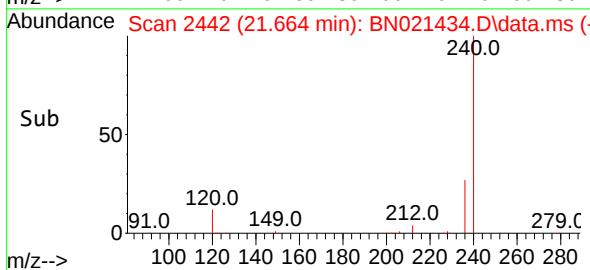
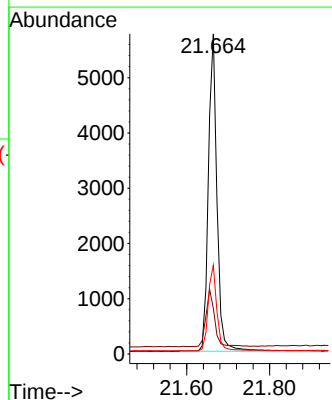
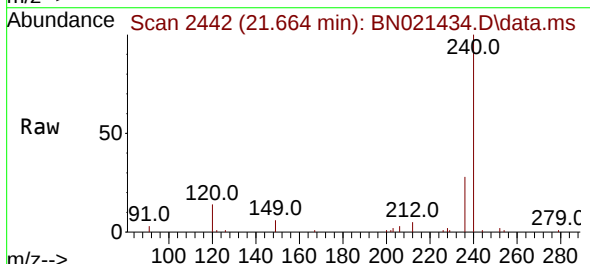
Instrument :
BNA_N
ClientSampleId :
PB147305BL

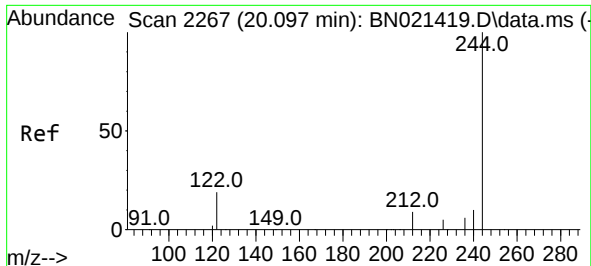
Tgt Ion:212 Resp: 12080
Ion Ratio Lower Upper
212 100
106 17.9 14.2 21.2
104 10.0 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021434.D
Acq: 29 Aug 2022 23:51

Tgt Ion:240 Resp: 8266
Ion Ratio Lower Upper
240 100
120 14.3 10.2 15.4
236 27.8 22.1 33.1

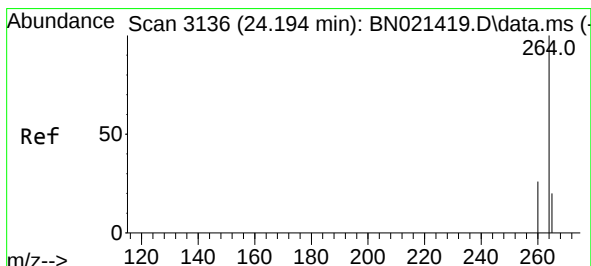
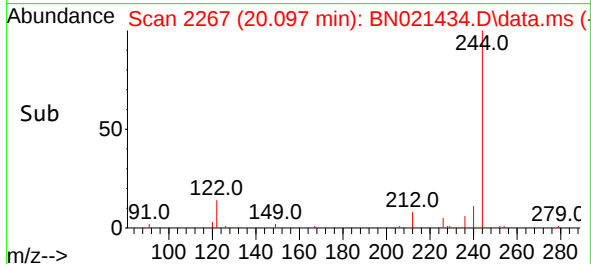
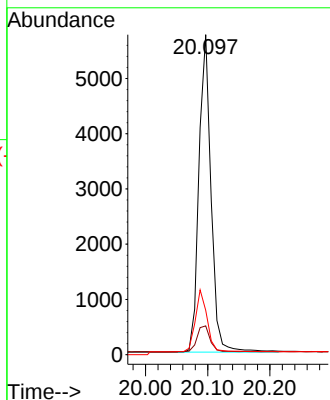
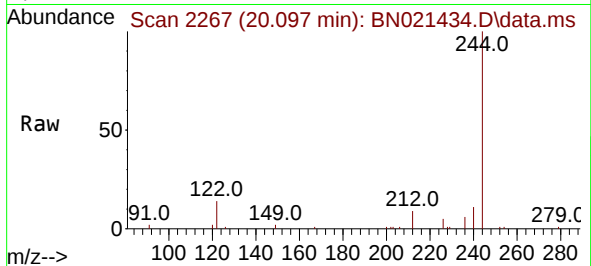




#31
 Terphenyl-d14
 Concen: 0.419 ng
 RT: 20.097 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN021434.D
 Acq: 29 Aug 2022 23:51

Instrument :
 BNA_N
 ClientSampleId :
 PB147305BL

Tgt Ion:244 Resp: 7775
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.5 9.7
 122 13.8 9.1 13.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.182 min Scan# 3132
 Delta R.T. -0.012 min
 Lab File: BN021434.D
 Acq: 29 Aug 2022 23:51

Tgt Ion:264 Resp: 6472
 Ion Ratio Lower Upper
 264 100
 260 27.8 21.0 31.6
 265 42.5 32.2 48.2

