

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070222\
 Data File : BN020622.D
 Acq On : 02 Jul 2022 10:51
 Operator : CG/JU
 Sample : PB145995BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB145995BL

Quant Time: Jul 04 02:38:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 03:10:12 2022
 Response via : Initial Calibration

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

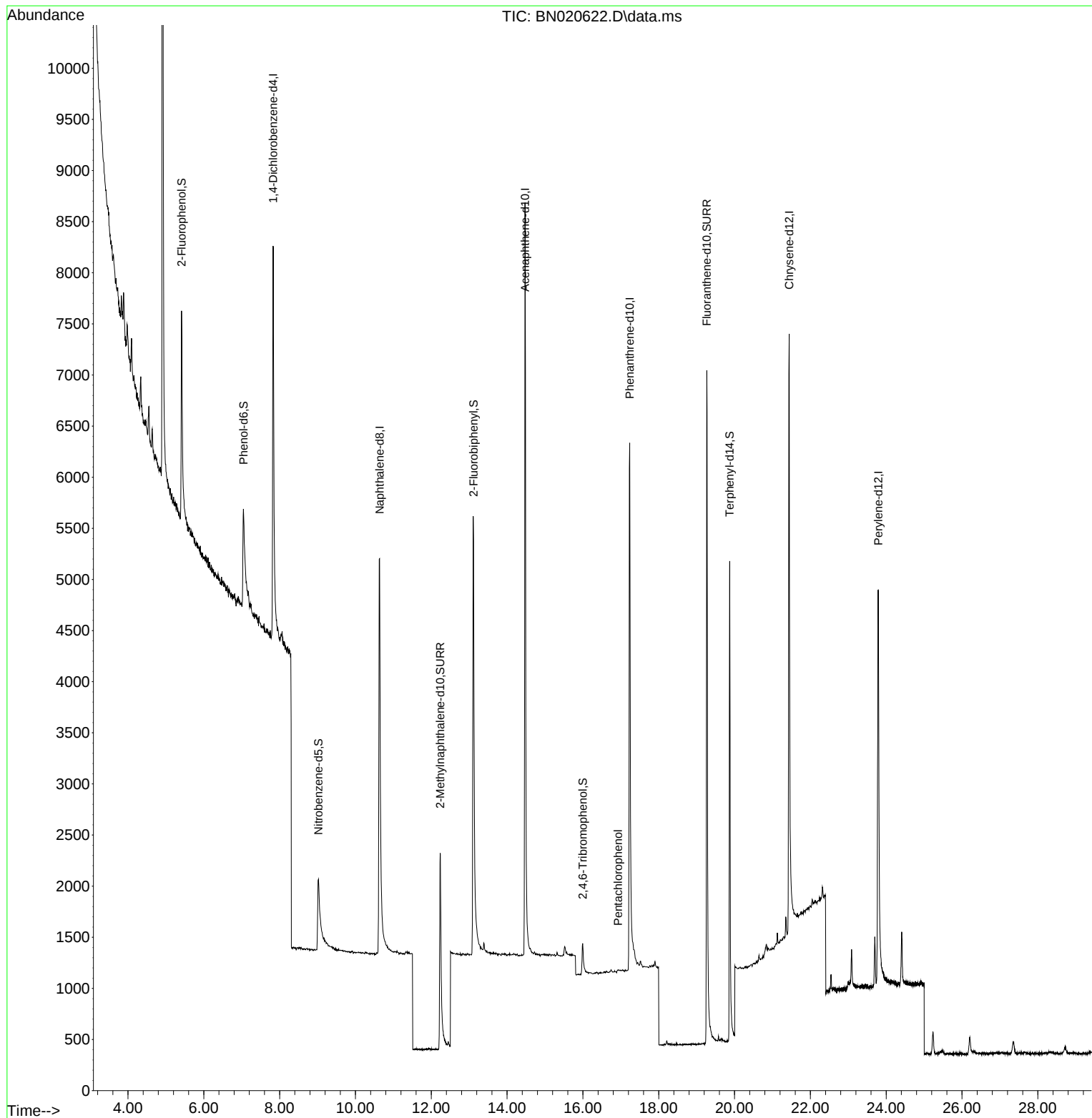
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	2992	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	8803	0.400	ng	# 0.01
13) Acenaphthene-d10	14.474	164	5267	0.400	ng	0.00
19) Phenanthrene-d10	17.236	188	10829	0.400	ng	0.01
29) Chrysene-d12	21.440	240	8423	0.400	ng	# 0.00
35) Perylene-d12	23.790	264	7246	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	2367	0.285	ng	0.00
5) Phenol-d6	7.045	99	2191	0.221	ng	0.01
8) Nitrobenzene-d5	9.025	82	1560	0.219	ng	0.03
11) 2-Methylnaphthalene-d10	12.235	152	4612	0.306	ng	0.00
14) 2,4,6-Tribromophenol	15.995	330	265	0.134	ng	0.02
15) 2-Fluorobiphenyl	13.116	172	5890	0.271	ng	0.01
27) Fluoranthene-d10	19.270	212	10023	0.312	ng	0.00
31) Terphenyl-d14	19.872	244	6799	0.338	ng	0.00
Target Compounds						
24) Pentachlorophenol	16.928	266	31	0.198	ng	# 56

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

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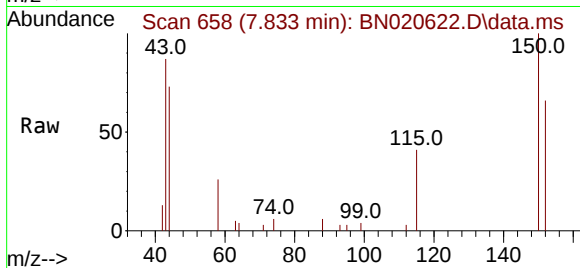
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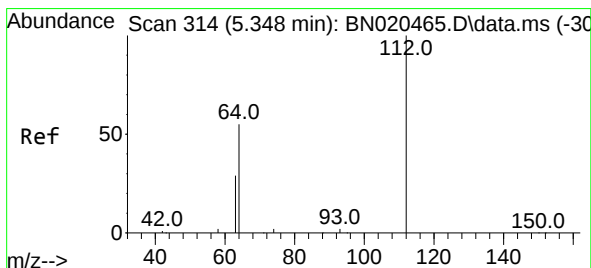
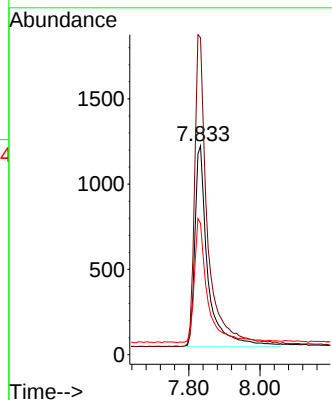
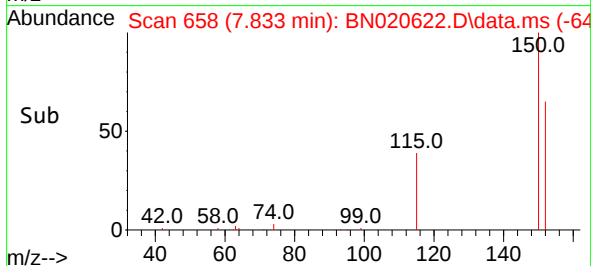


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. 0.008 min
Lab File: BN020622.D
Acq: 02 Jul 2022 10:51

Instrument :
BNA_N
ClientSampleId :
PB145995BL

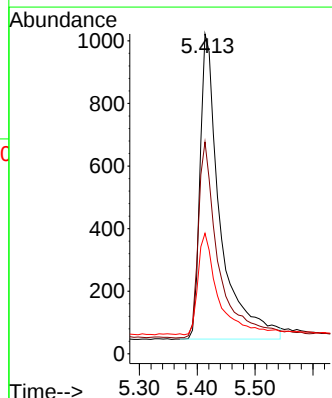
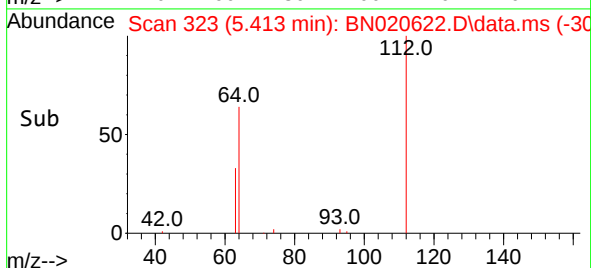
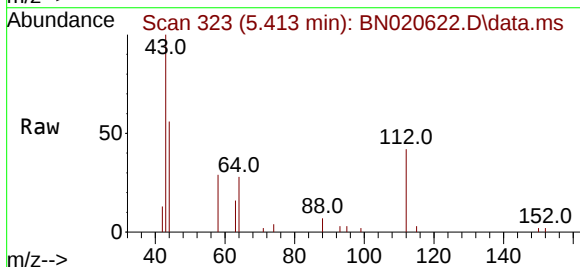


Tgt Ion:152 Resp: 2992
Ion Ratio Lower Upper
152 100
150 151.9 127.9 191.9
115 62.9 51.4 77.2



#4
2-Fluorophenol
Concen: 0.285 ng
RT: 5.413 min Scan# 323
Delta R.T. 0.000 min
Lab File: BN020622.D
Acq: 02 Jul 2022 10:51

Tgt Ion:112 Resp: 2367
Ion Ratio Lower Upper
112 100
64 64.6 49.1 73.7
63 33.8 26.3 39.5

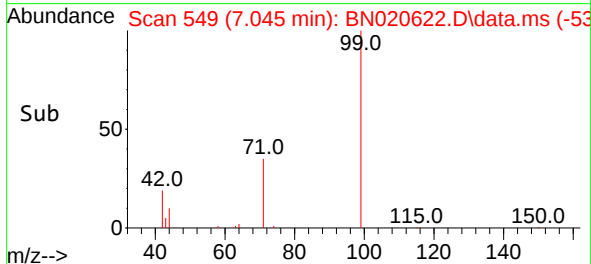
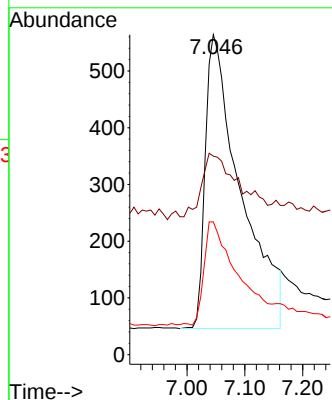
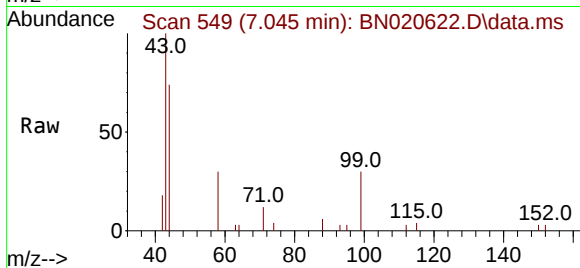




#5
Phenol-d6
Concen: 0.221 ng
RT: 7.045 min Scan# 54
Delta R.T. 0.015 min
Lab File: BN020622.D
Acq: 02 Jul 2022 10:51

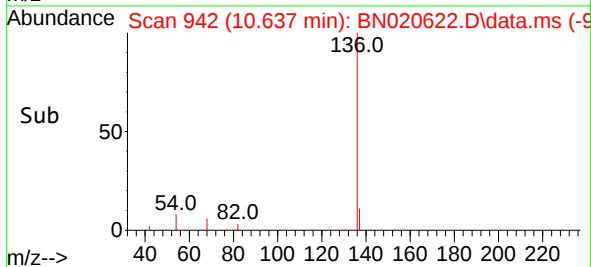
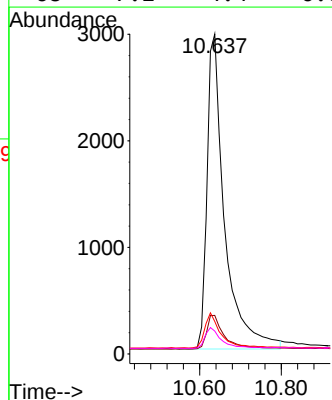
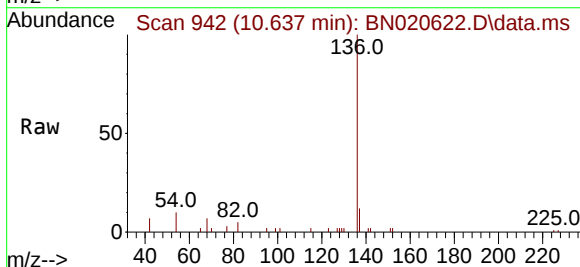
Instrument :
BNA_N
ClientSampleId :
PB145995BL

Tgt Ion:	99	Resp:	2191
Ion	Ratio	Lower	Upper
99	100		
42	23.2	19.3	28.9
71	34.3	27.5	41.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. 0.011 min
Lab File: BN020622.D
Acq: 02 Jul 2022 10:51

Tgt Ion:	136	Resp:	8803
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.0	13.6
54	10.2	6.2	9.2#
68	7.2	4.4	6.6#

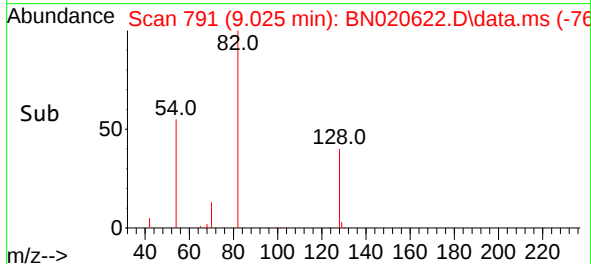
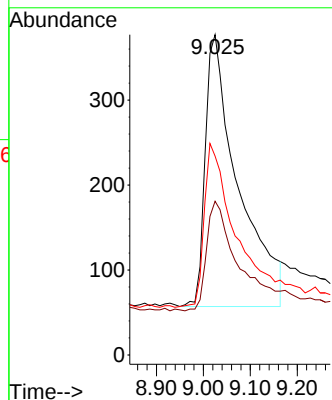
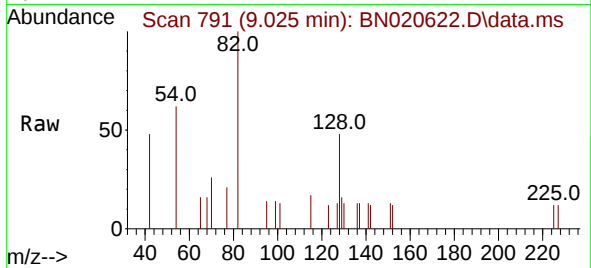




#8
Nitrobenzene-d5
Concen: 0.219 ng
RT: 9.025 min Scan# 791
Delta R.T. 0.032 min
Lab File: BN020622.D
Acq: 02 Jul 2022 10:51

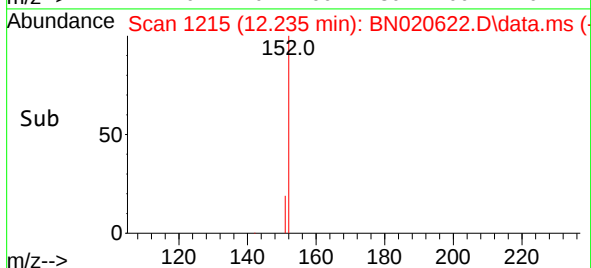
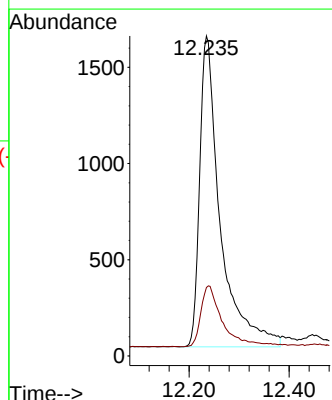
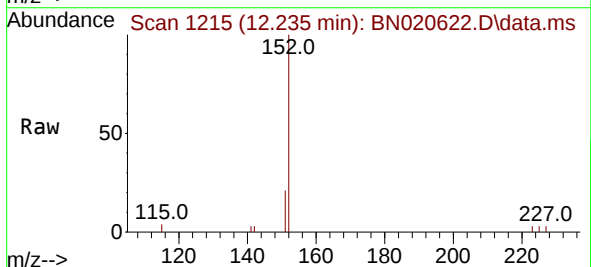
Instrument :
BNA_N
ClientSampleId :
PB145995BL

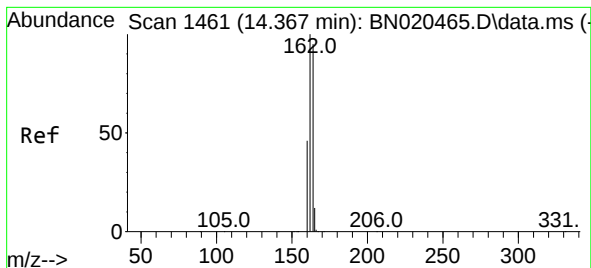
Tgt Ion: 82 Resp: 1560
Ion Ratio Lower Upper
82 100
128 48.0 35.0 52.6
54 62.1 46.2 69.4



#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 12.235 min Scan# 1215
Delta R.T. 0.008 min
Lab File: BN020622.D
Acq: 02 Jul 2022 10:51

Tgt Ion: 152 Resp: 4612
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.474 min Scan# 14

Delta R.T. 0.000 min

Lab File: BN020622.D

Acq: 02 Jul 2022 10:51

Instrument :

BNA_N

ClientSampleId :

PB145995BL

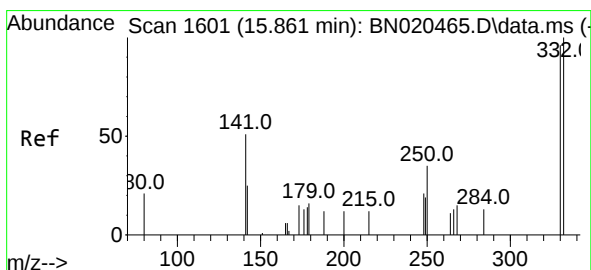
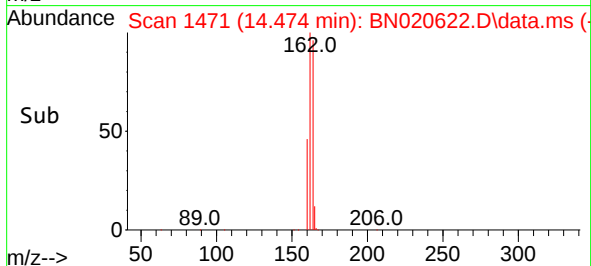
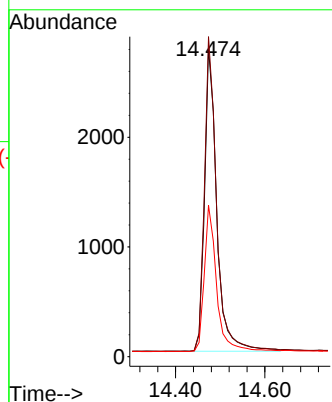
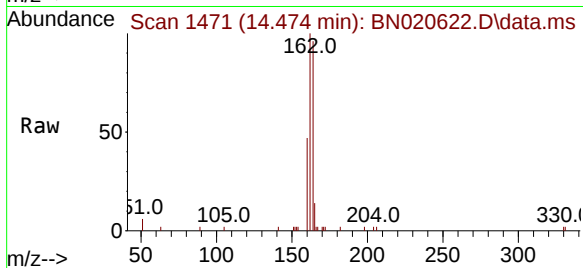
Tgt Ion:164 Resp: 5267

Ion Ratio Lower Upper

164 100

162 103.7 82.1 123.1

160 49.0 38.6 58.0



#14

2,4,6-Tribromophenol

Concen: 0.134 ng

RT: 15.995 min Scan# 1614

Delta R.T. 0.021 min

Lab File: BN020622.D

Acq: 02 Jul 2022 10:51

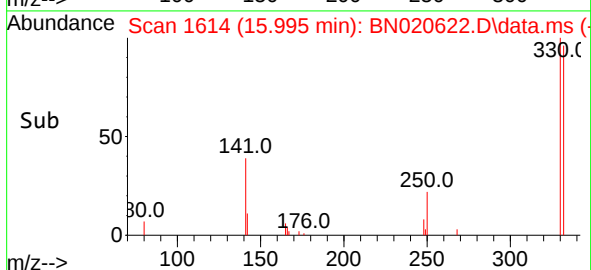
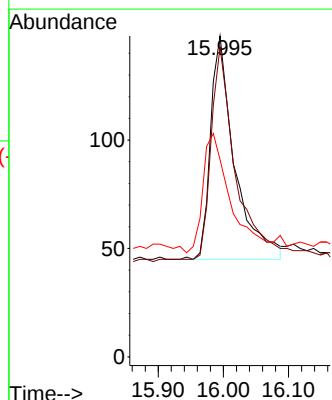
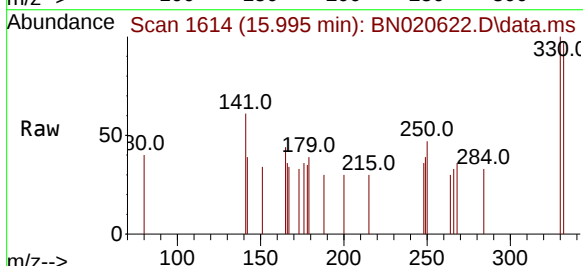
Tgt Ion:330 Resp: 265

Ion Ratio Lower Upper

330 100

332 95.5 77.6 116.4

141 61.5 41.0 61.4#

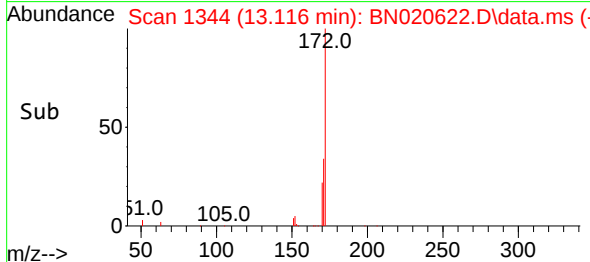
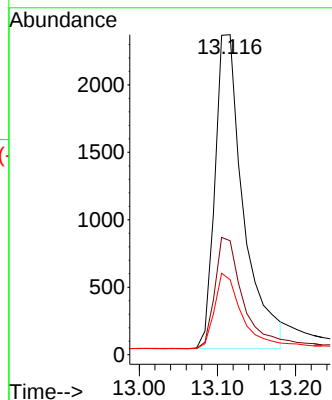
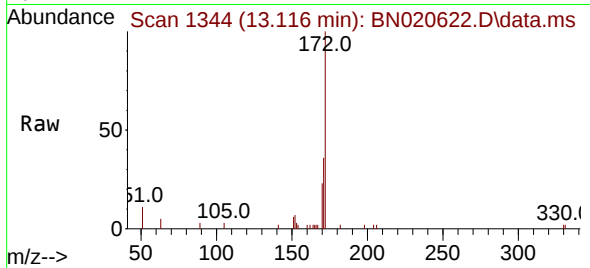




#15
2-Fluorobiphenyl
Concen: 0.271 ng
RT: 13.116 min Scan# 1344
Delta R.T. 0.011 min
Lab File: BN020622.D
Acq: 02 Jul 2022 10:51

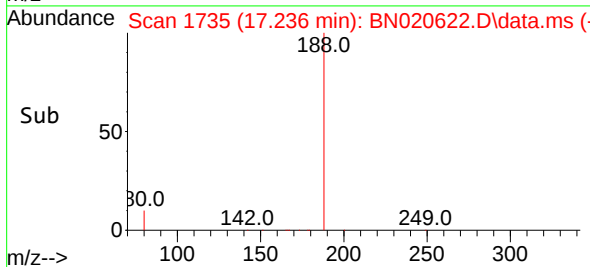
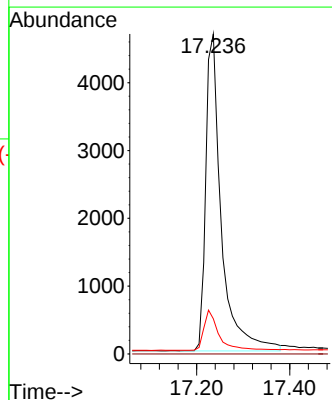
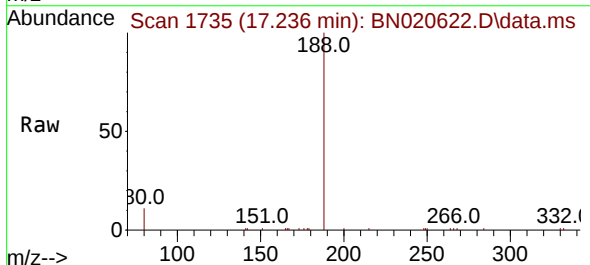
Instrument :
BNA_N
ClientSampleId :
PB145995BL

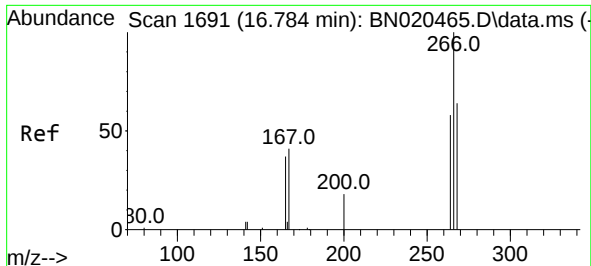
Tgt Ion:	172	Resp:	5890
Ion Ratio	Lower	Upper	
172	100		
171	35.6	27.2	40.8
170	23.4	18.2	27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. 0.010 min
Lab File: BN020622.D
Acq: 02 Jul 2022 10:51

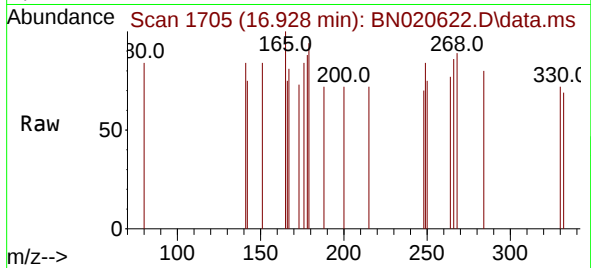
Tgt Ion:	188	Resp:	10829
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.0	7.4	11.2



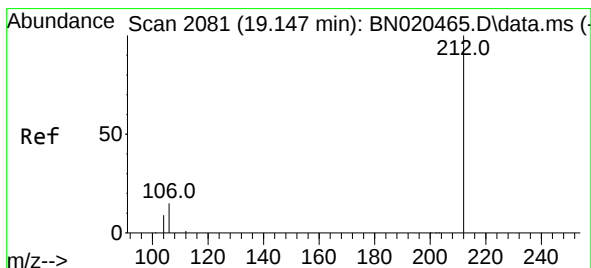
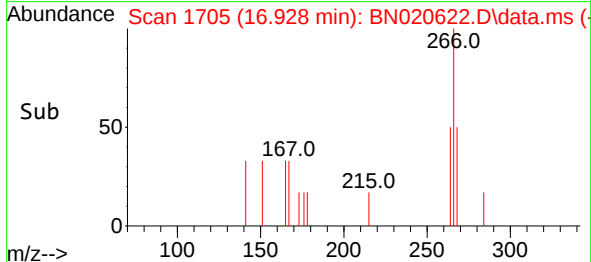
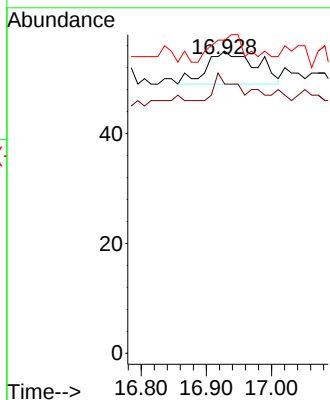


#24
Pentachlorophenol
Concen: 0.198 ng
RT: 16.928 min Scan# 1110
Delta R.T. 0.031 min
Lab File: BN020622.D
Acq: 02 Jul 2022 10:51

Instrument :
BNA_N
ClientSampleId :
PB145995BL

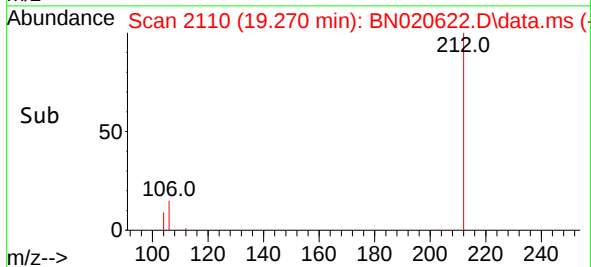
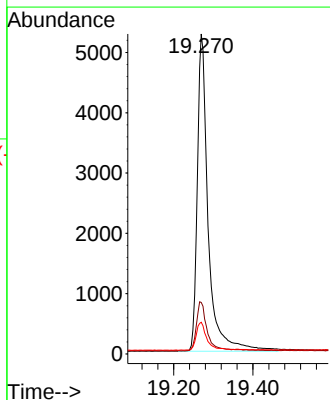
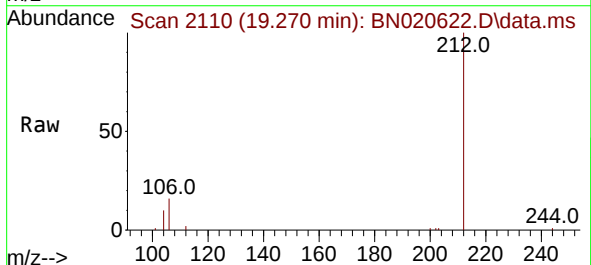


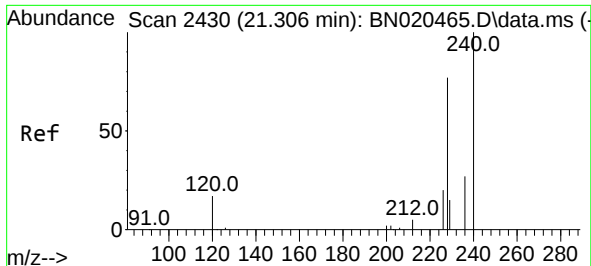
Tgt Ion:266 Resp: 31
Ion Ratio Lower Upper
266 100
264 0.0 51.3 76.9#
268 71.0 52.6 79.0



#27
Fluoranthene-d10
Concen: 0.312 ng
RT: 19.270 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN020622.D
Acq: 02 Jul 2022 10:51

Tgt Ion:212 Resp: 10023
Ion Ratio Lower Upper
212 100
106 15.0 12.6 19.0
104 8.6 7.2 10.8

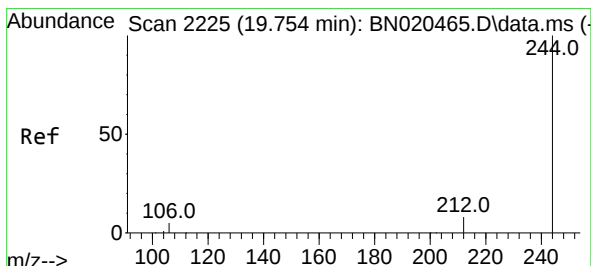
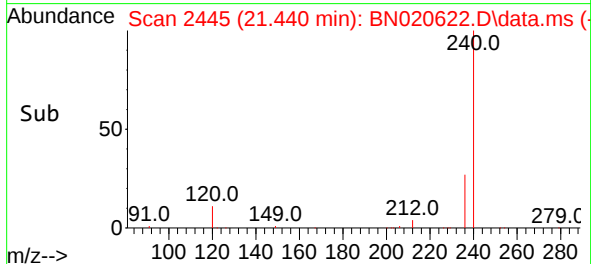
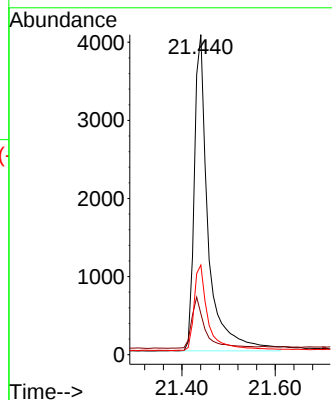
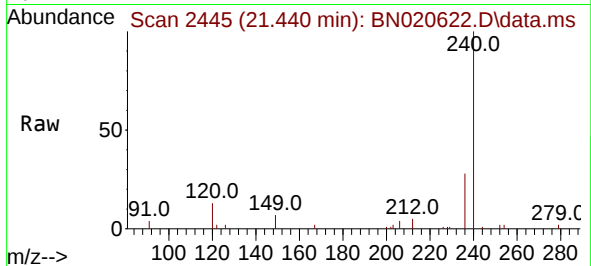




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.440 min Scan# 2445
Delta R.T. 0.009 min
Lab File: BN020622.D
Acq: 02 Jul 2022 10:51

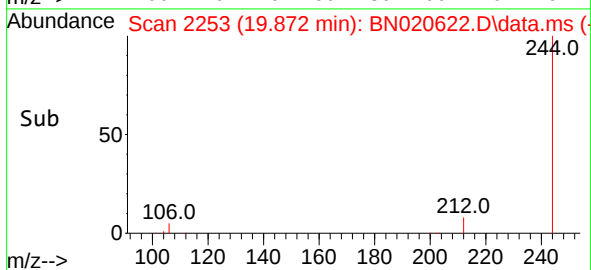
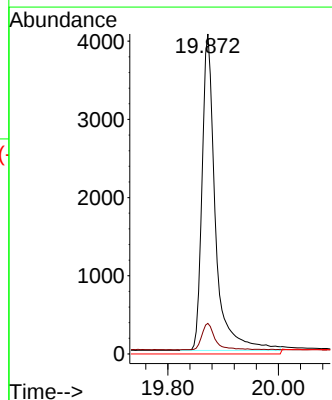
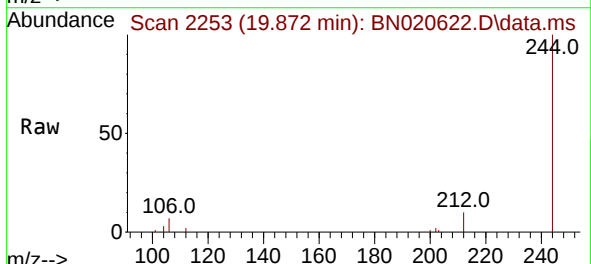
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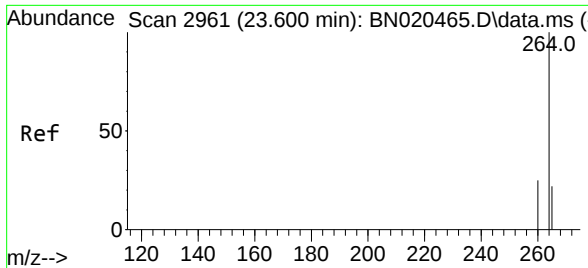
Tgt Ion:240 Resp: 8423
Ion Ratio Lower Upper
240 100
120 12.8 14.6 21.8#
236 28.0 22.6 33.8



#31
Terphenyl-d14
Concen: 0.338 ng
RT: 19.872 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BN020622.D
Acq: 02 Jul 2022 10:51

Tgt Ion:244 Resp: 6799
Ion Ratio Lower Upper
244 100
212 9.5 7.1 10.7
122 0.0 0.0 0.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.790 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BN020622.D
 Acq: 02 Jul 2022 10:51

Instrument :
 BNA_N
 ClientSampleId :
 PB145995BL

Tgt Ion:264	Resp:	7246
Ion Ratio	Lower	Upper
264	100	
260	26.8	20.9 31.3
265	38.0	28.0 42.0

