

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120222\
 Data File : BN023047.D
 Acq On : 02 Dec 2022 14:31
 Operator : CG/JU
 Sample : PB149383BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB149383BL

Quant Time: Dec 05 00:33:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 02:30:10 2022
 Response via : Initial Calibration

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

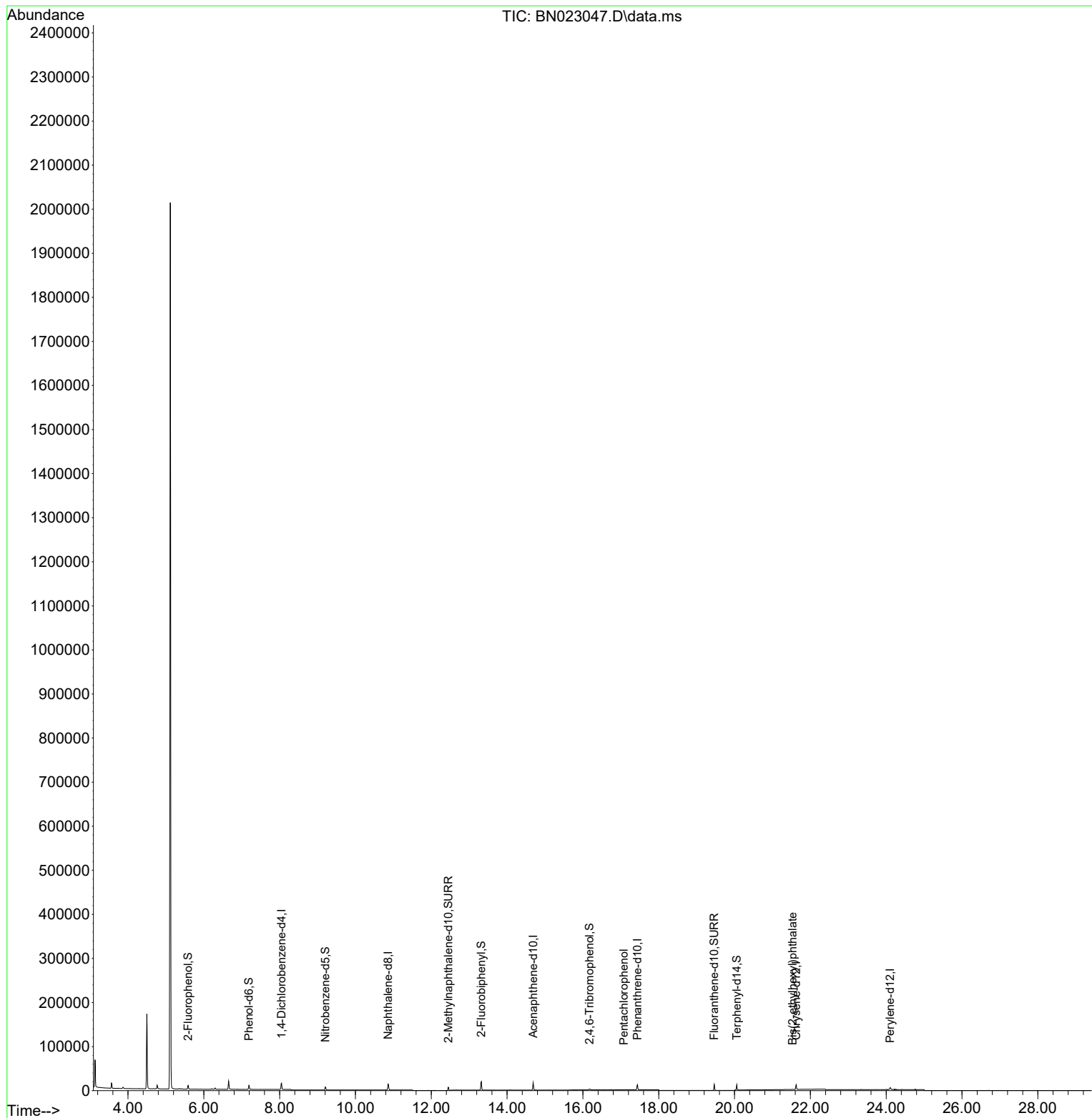
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	6802	0.400	ng	0.00
7) Naphthalene-d8	10.861	136	17940	0.400	ng	-0.01
13) Acenaphthene-d10	14.687	164	8641	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	16742	0.400	ng	# 0.00
29) Chrysene-d12	21.625	240	9396	0.400	ng	# 0.00
35) Perylene-d12	24.106	264	6766	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.586	112	6472	0.366	ng	0.00
5) Phenol-d6	7.190	99	8082	0.359	ng	-0.01
8) Nitrobenzene-d5	9.206	82	5112	0.367	ng	-0.01
11) 2-Methylnaphthalene-d10	12.450	152	11856	0.305	ng	0.00
14) 2,4,6-Tribromophenol	16.173	330	1249	0.299	ng	-0.01
15) 2-Fluorobiphenyl	13.319	172	15626	0.395	ng	0.00
27) Fluoranthene-d10	19.464	212	13803	0.304	ng	0.00
31) Terphenyl-d14	20.058	244	9382	0.425	ng	0.00
Target Compounds						
24) Pentachlorophenol	17.079	266	86	0.021	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.526	149	356	0.023	ng	# 89

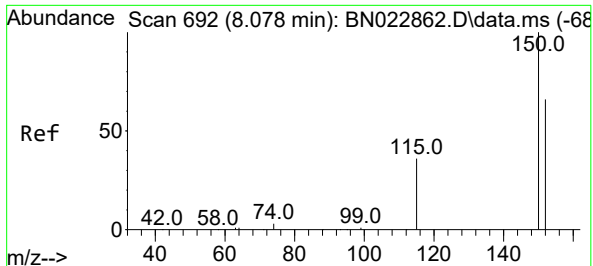
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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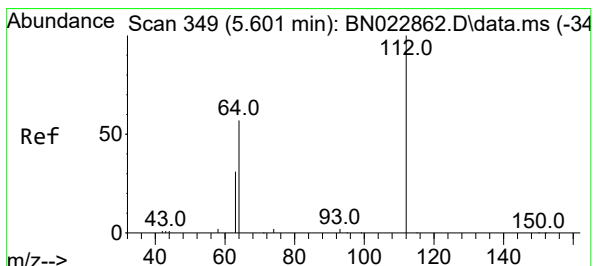
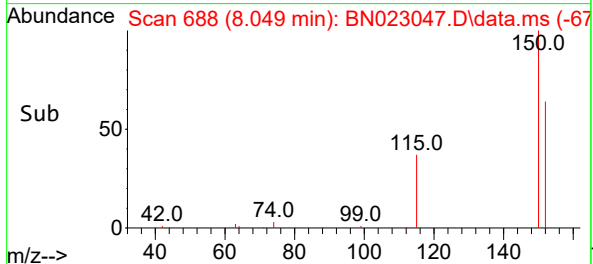
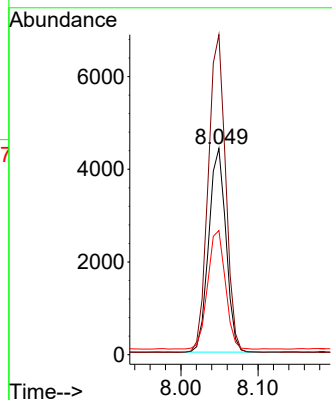
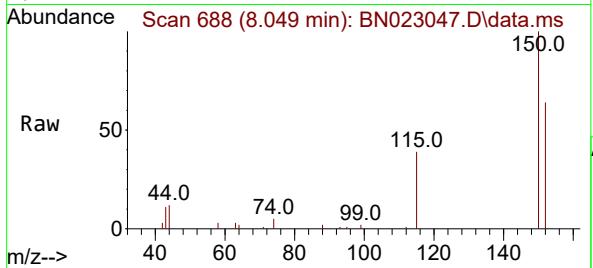




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.049 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN023047.D
Acq: 02 Dec 2022 14:31

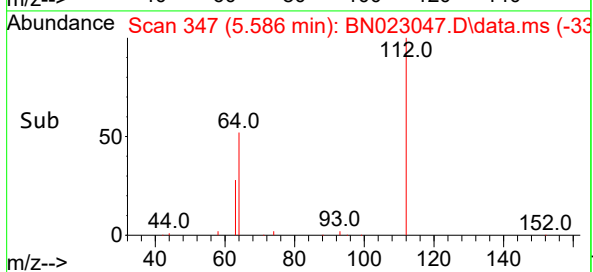
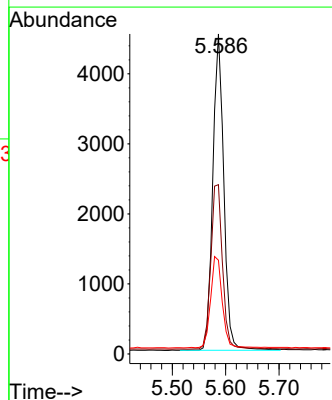
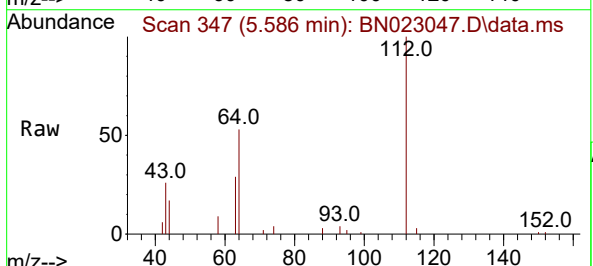
Instrument :
BNA_N
ClientSampleId :
PB149383BL

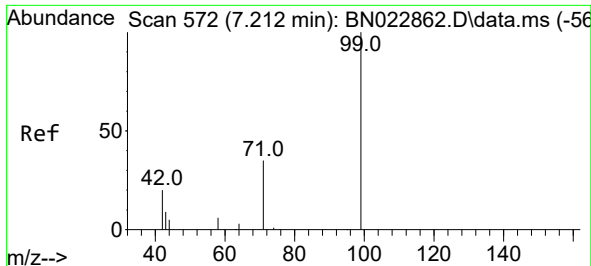
Tgt Ion:152 Resp: 6802
Ion Ratio Lower Upper
152 100
150 155.2 121.2 181.8
115 60.2 46.2 69.4



#4
2-Fluorophenol
Concen: 0.366 ng
RT: 5.586 min Scan# 347
Delta R.T. -0.007 min
Lab File: BN023047.D
Acq: 02 Dec 2022 14:31

Tgt Ion:112 Resp: 6472
Ion Ratio Lower Upper
112 100
64 55.6 43.4 65.2
63 30.8 23.4 35.2

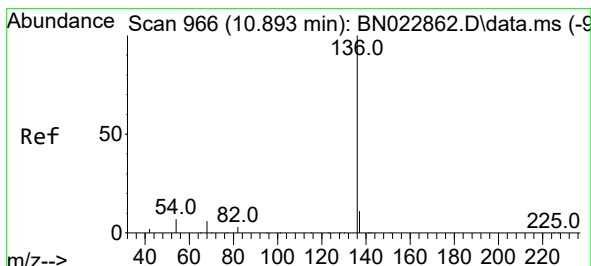
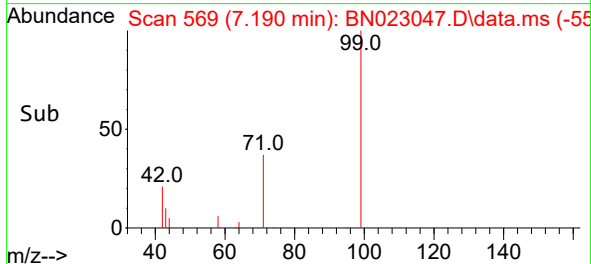
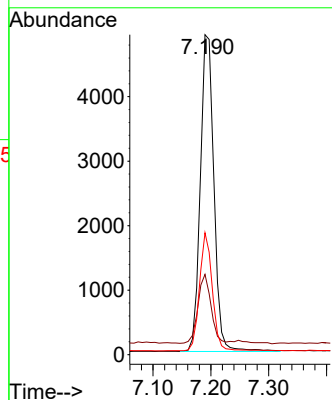
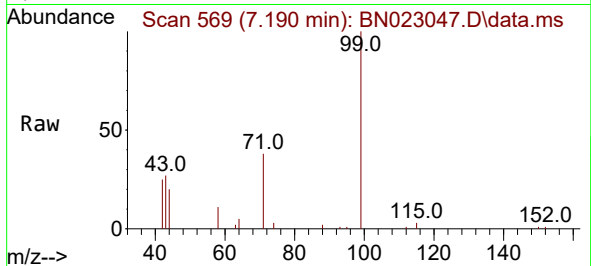




#5
Phenol-d6
Concen: 0.359 ng
RT: 7.190 min Scan# 50
Delta R.T. -0.015 min
Lab File: BN023047.D
Acq: 02 Dec 2022 14:31

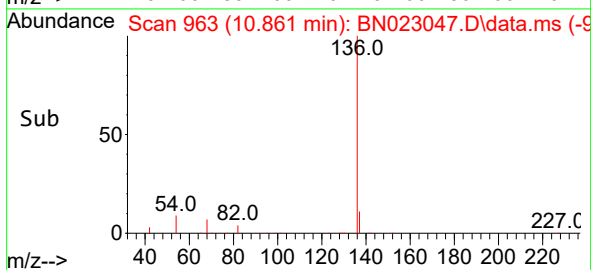
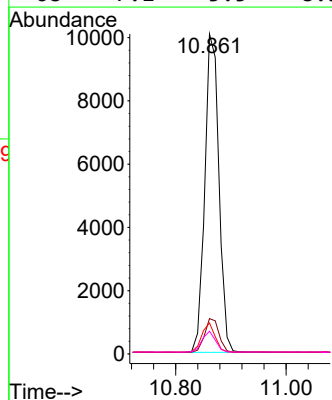
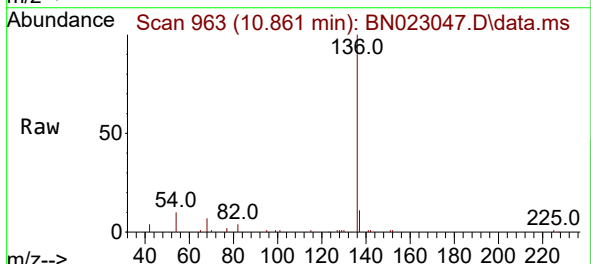
Instrument :
BNA_N
ClientSampleId :
PB149383BL

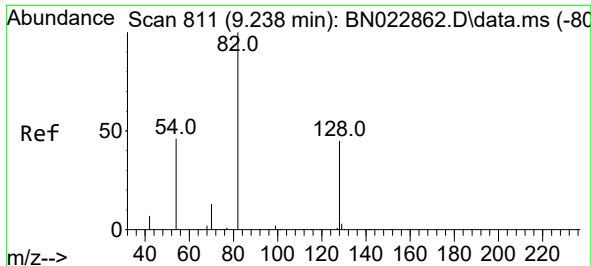
Tgt Ion: 99 Resp: 8082
Ion Ratio Lower Upper
99 100
42 20.8 16.0 24.0
71 34.8 26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.861 min Scan# 963
Delta R.T. -0.011 min
Lab File: BN023047.D
Acq: 02 Dec 2022 14:31

Tgt Ion: 136 Resp: 17940
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.7 6.6 9.8
68 7.1 5.5 8.3

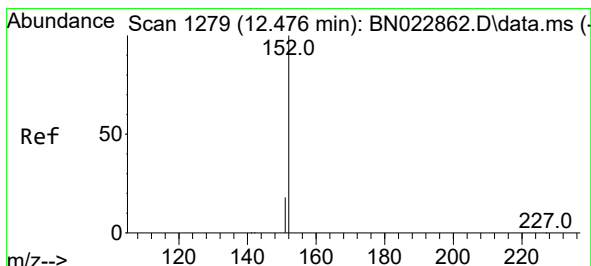
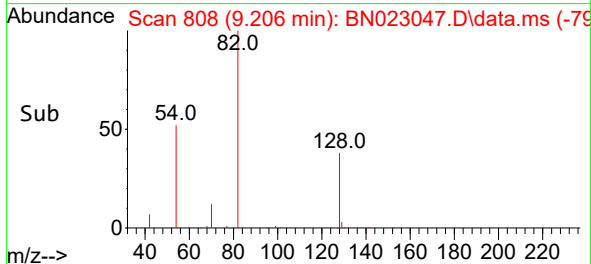
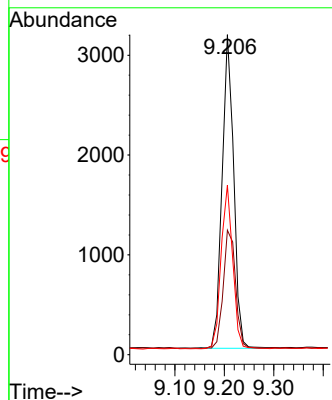
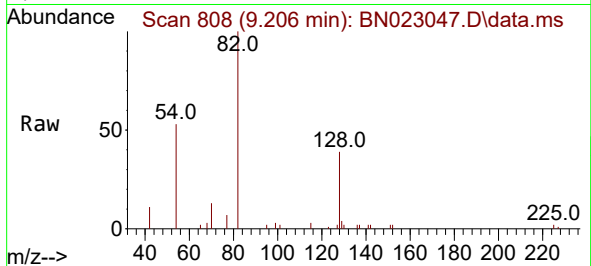




#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 9.206 min Scan# 808
Delta R.T. -0.011 min
Lab File: BN023047.D
Acq: 02 Dec 2022 14:31

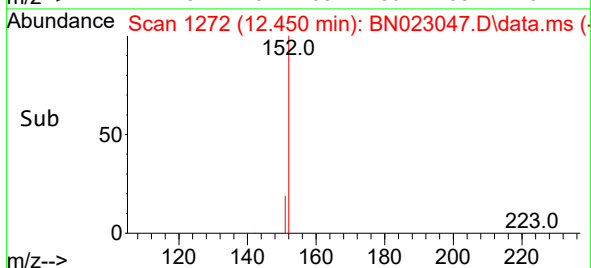
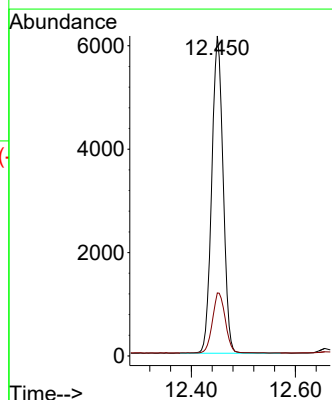
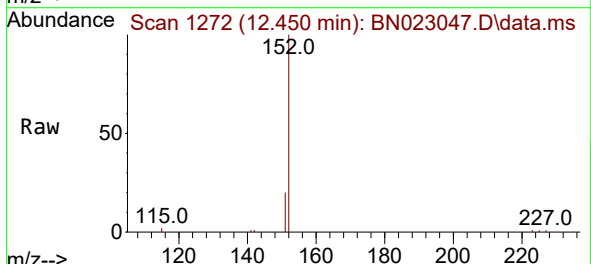
Instrument :
BNA_N
ClientSampleId :
PB149383BL

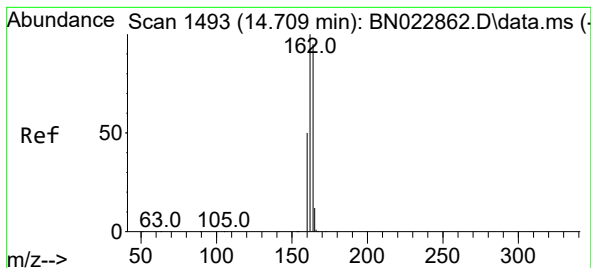
Tgt Ion: 82 Resp: 5112
Ion Ratio Lower Upper
82 100
128 38.9 36.6 54.8
54 53.0 38.5 57.7



#11
2-Methylnaphthalene-d10
Concen: 0.305 ng
RT: 12.450 min Scan# 1272
Delta R.T. -0.008 min
Lab File: BN023047.D
Acq: 02 Dec 2022 14:31

Tgt Ion: 152 Resp: 11856
Ion Ratio Lower Upper
152 100
151 20.7 18.6 27.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.687 min Scan# 1493

Delta R.T. -0.000 min

Lab File: BN023047.D

Acq: 02 Dec 2022 14:31

Instrument :

BNA_N

ClientSampleId :

PB149383BL

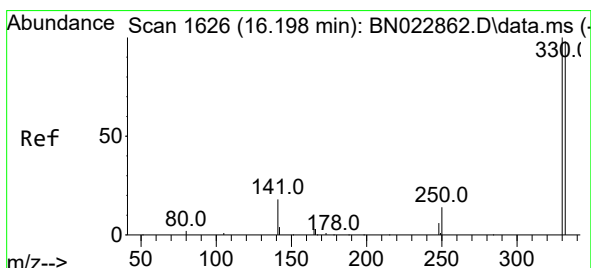
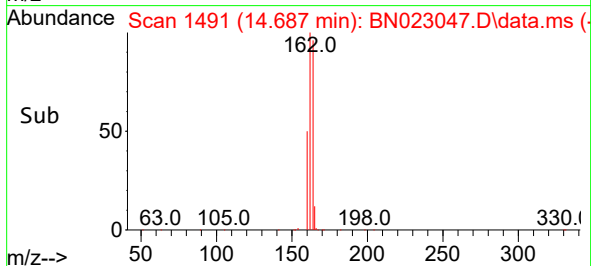
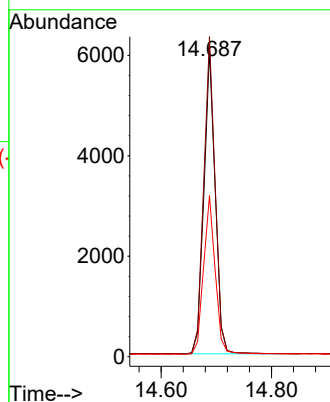
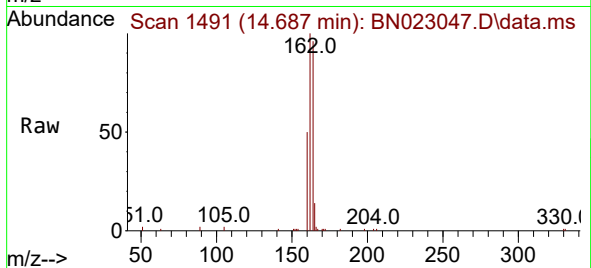
Tgt Ion:164 Resp: 8641

Ion Ratio Lower Upper

164 100

162 104.5 84.2 126.4

160 52.6 42.5 63.7



#14

2,4,6-Tribromophenol

Concen: 0.299 ng

RT: 16.173 min Scan# 1624

Delta R.T. -0.013 min

Lab File: BN023047.D

Acq: 02 Dec 2022 14:31

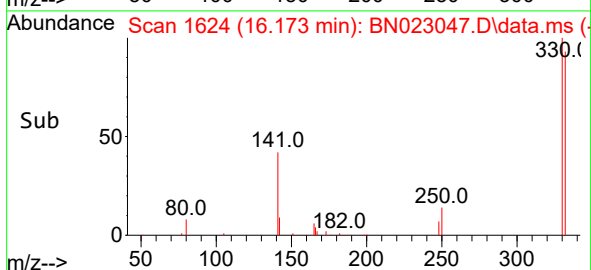
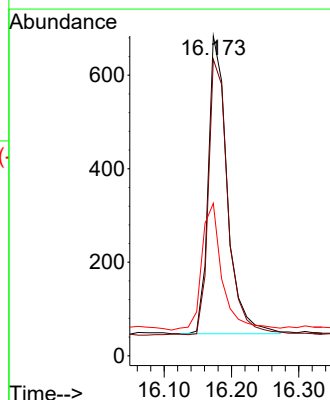
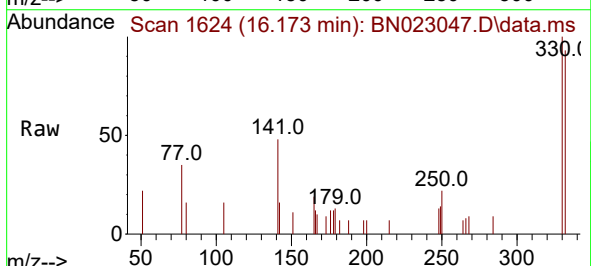
Tgt Ion:330 Resp: 1249

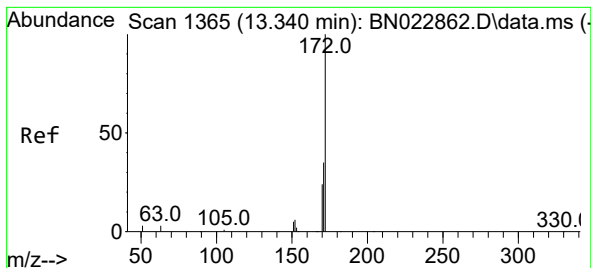
Ion Ratio Lower Upper

330 100

332 94.2 76.5 114.7

141 45.9 32.6 48.8





#15

2-Fluorobiphenyl

Concen: 0.395 ng

RT: 13.319 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN023047.D

Acq: 02 Dec 2022 14:31

Instrument :

BNA_N

ClientSampleId :

PB149383BL

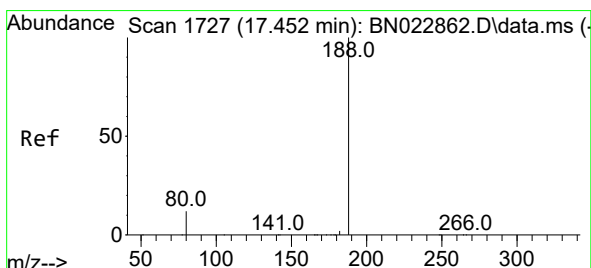
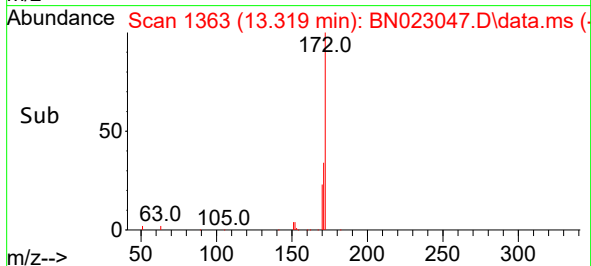
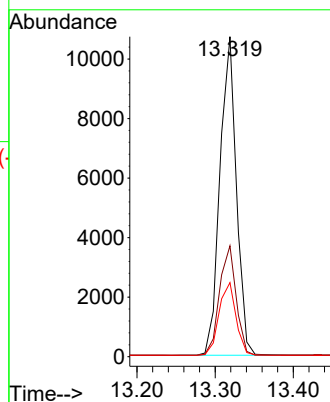
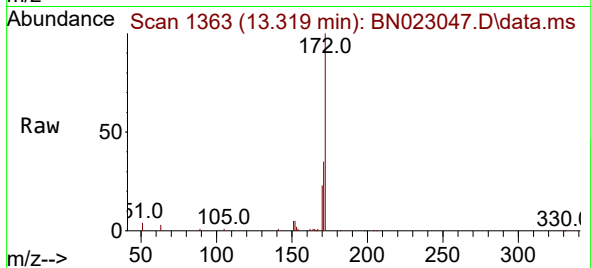
Tgt Ion:172 Resp: 15626

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 23.1 19.3 28.9



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.439 min Scan# 1726

Delta R.T. -0.000 min

Lab File: BN023047.D

Acq: 02 Dec 2022 14:31

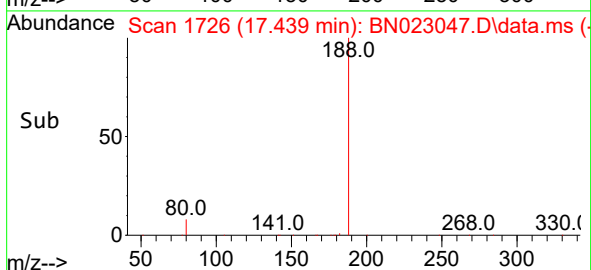
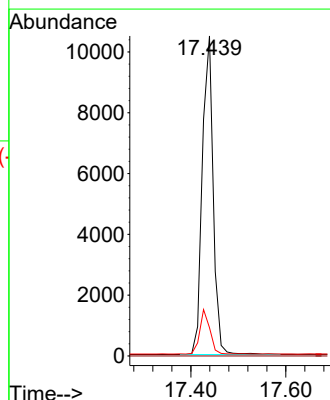
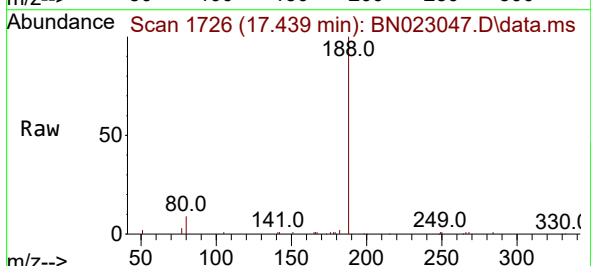
Tgt Ion:188 Resp: 16742

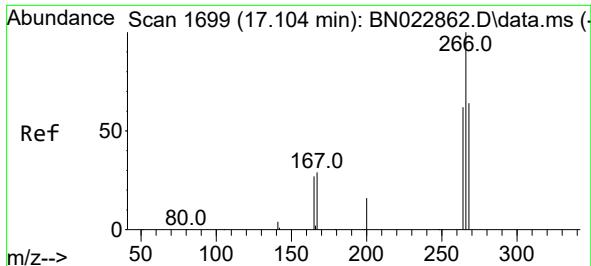
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.8 10.3 15.5#

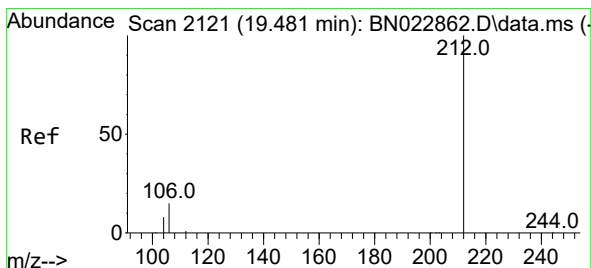
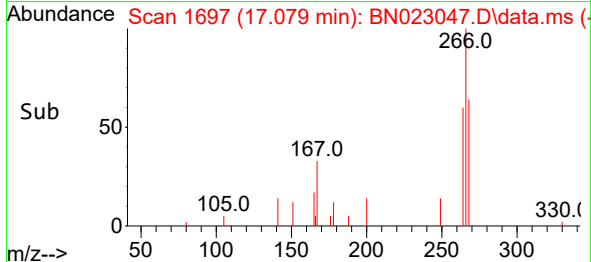
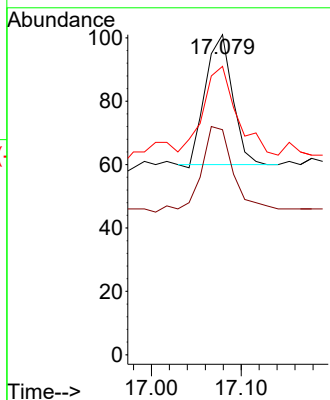
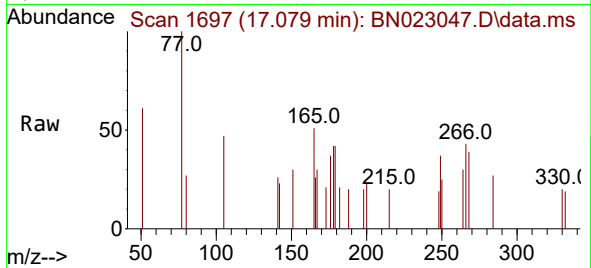




#24
Pentachlorophenol
Concen: 0.021 ng
RT: 17.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023047.D
Acq: 02 Dec 2022 14:31

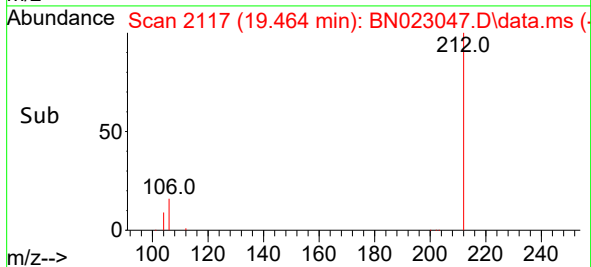
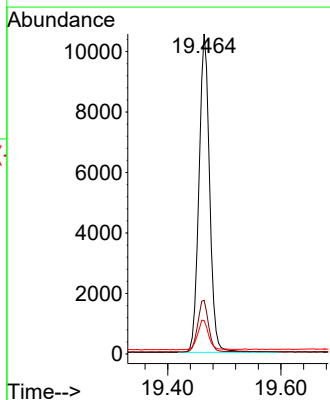
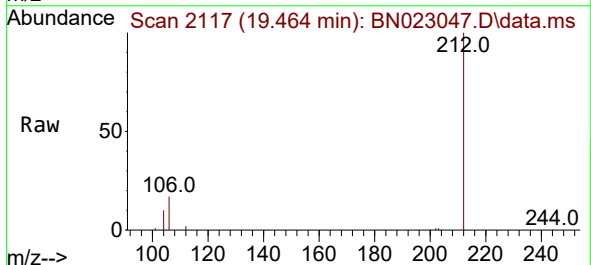
Instrument :
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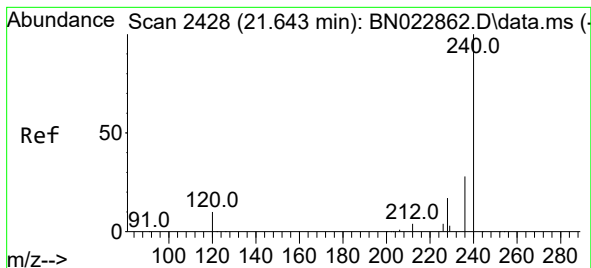
Tgt Ion:266 Resp: 86
Ion Ratio Lower Upper
266 100
264 81.4 50.0 75.0#
268 83.7 50.9 76.3#



#27
Fluoranthene-d10
Concen: 0.304 ng
RT: 19.464 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN023047.D
Acq: 02 Dec 2022 14:31

Tgt Ion:212 Resp: 13803
Ion Ratio Lower Upper
212 100
106 16.4 12.3 18.5
104 9.8 7.0 10.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.625 min Scan# 2426

Delta R.T. 0.009 min

Lab File: BN023047.D

Acq: 02 Dec 2022 14:31

Instrument :

BNA_N

ClientSampleId :

PB149383BL

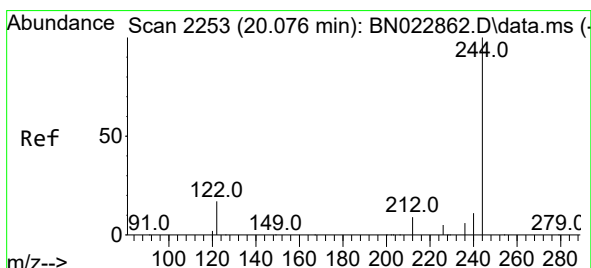
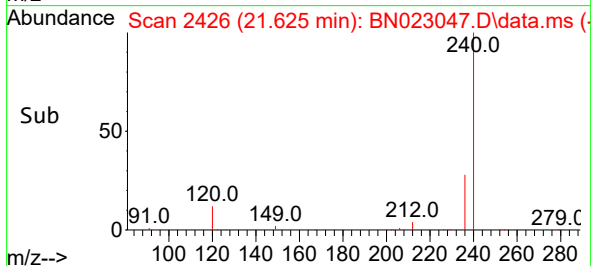
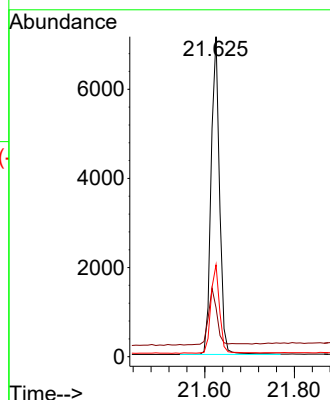
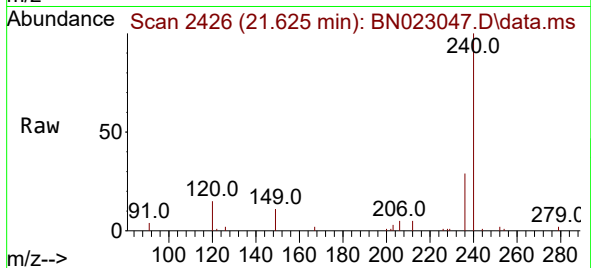
Tgt Ion:240 Resp: 9396

Ion Ratio Lower Upper

240 100

120 15.3 9.2 13.8#

236 28.7 22.6 34.0



#31

Terphenyl-d14

Concen: 0.425 ng

RT: 20.058 min Scan# 2251

Delta R.T. -0.000 min

Lab File: BN023047.D

Acq: 02 Dec 2022 14:31

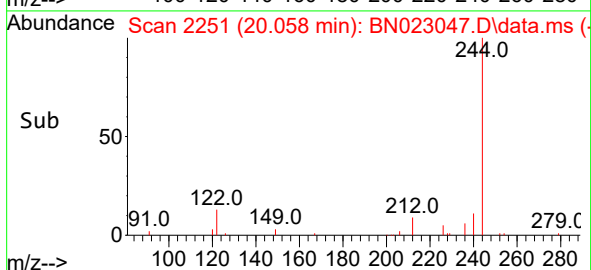
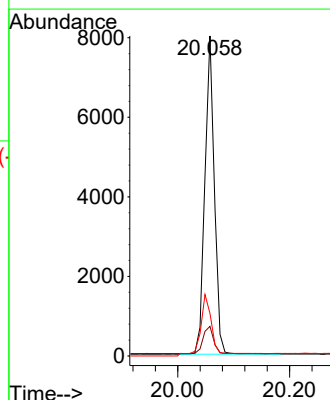
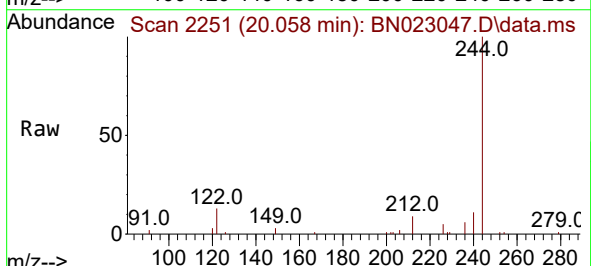
Tgt Ion:244 Resp: 9382

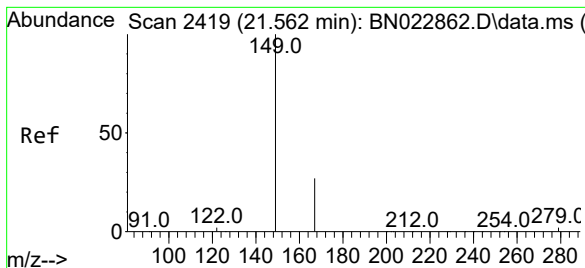
Ion Ratio Lower Upper

244 100

212 9.2 7.9 11.9

122 13.3 13.9 20.9#

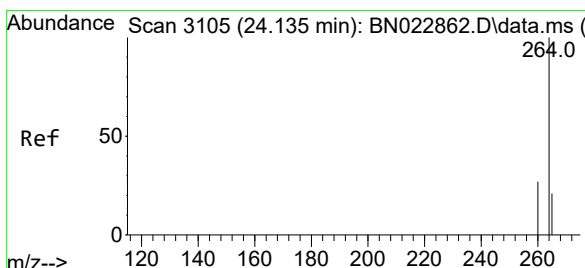
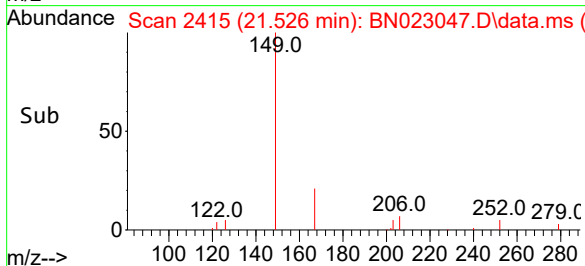
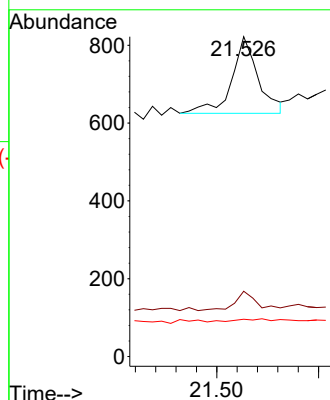
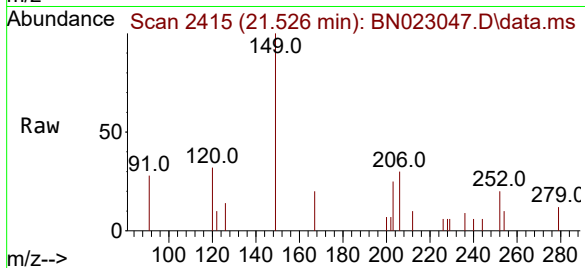




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.023 ng
 RT: 21.526 min Scan# 2415
 Delta R.T. -0.000 min
 Lab File: BN023047.D
 Acq: 02 Dec 2022 14:31

Instrument :
 BNA_N
 ClientSampleId :
 PB149383BL

Tgt Ion:149 Resp: 356
 Ion Ratio Lower Upper
 149 100
 167 21.1 21.3 31.9#
 279 6.2 2.3 3.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.106 min Scan# 3095
 Delta R.T. 0.003 min
 Lab File: BN023047.D
 Acq: 02 Dec 2022 14:31

Tgt Ion:264 Resp: 6766
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.7 32.5
 265 69.2 31.0 46.4#

