

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092822\
 Data File : BN021934.D
 Acq On : 27 Sep 2022 14:20
 Operator : CG/JU
 Sample : PB147915BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB147915BL

Quant Time: Sep 28 04:28:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 04:21:32 2022
 Response via : Initial Calibration

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

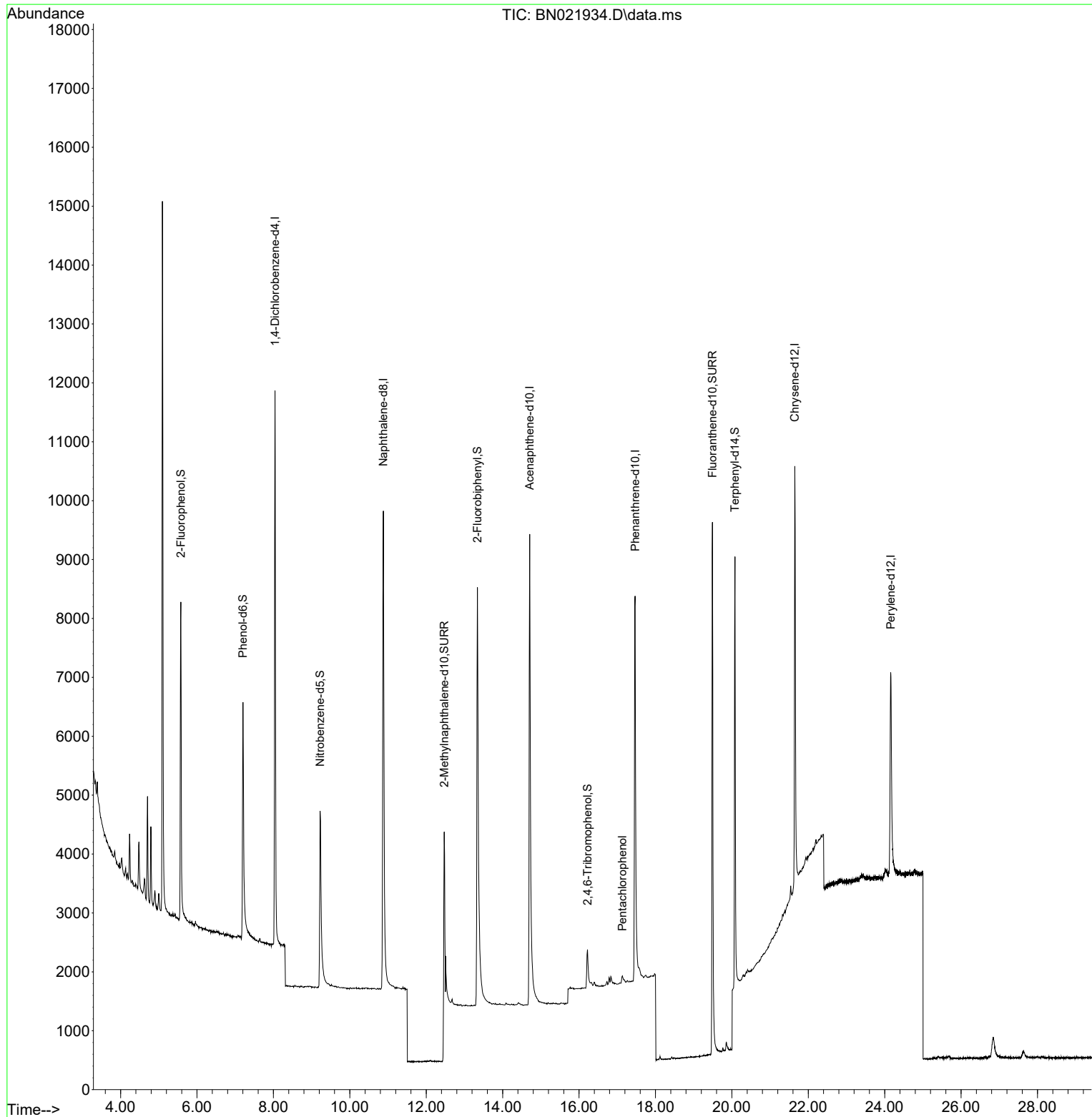
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	5142	0.400	ng	0.00
7) Naphthalene-d8	10.877	136	15189	0.400	ng	0.01
13) Acenaphthene-d10	14.707	164	7635	0.400	ng	0.01
19) Phenanthrene-d10	17.467	188	13892	0.400	ng	# 0.02
29) Chrysene-d12	21.647	240	8466	0.400	ng	# 0.00
35) Perylene-d12	24.160	264	6631	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	5085	0.378	ng	0.00
5) Phenol-d6	7.202	99	5605	0.329	ng	0.00
8) Nitrobenzene-d5	9.222	82	4265	0.340	ng	0.01
11) 2-Methylnaphthalene-d10	12.471	152	12291	0.321	ng	0.02
14) 2,4,6-Tribromophenol	16.220	330	609	0.175	ng	0.02
15) 2-Fluorobiphenyl	13.339	172	11031	0.354	ng	0.01
27) Fluoranthene-d10	19.490	212	12655	0.339	ng	0.00
31) Terphenyl-d14	20.080	244	7861	0.406	ng	0.00
Target Compounds						
24) Pentachlorophenol	17.132	266	144	0.040	ng	Qvalue 88

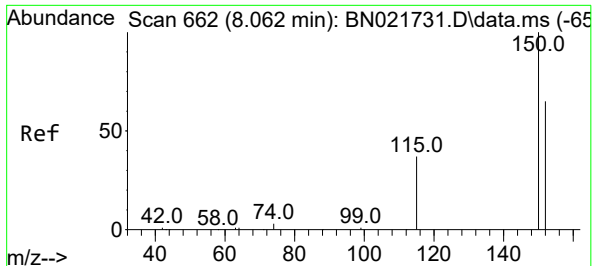
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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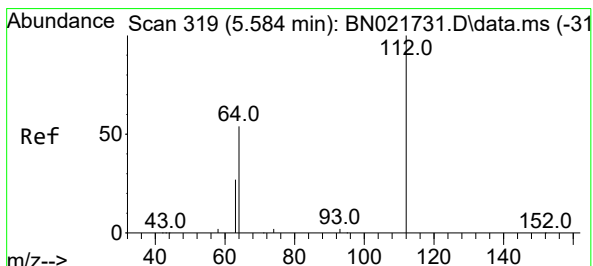
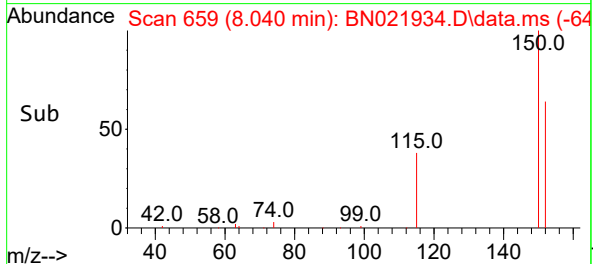
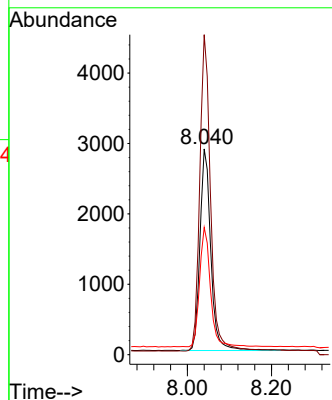
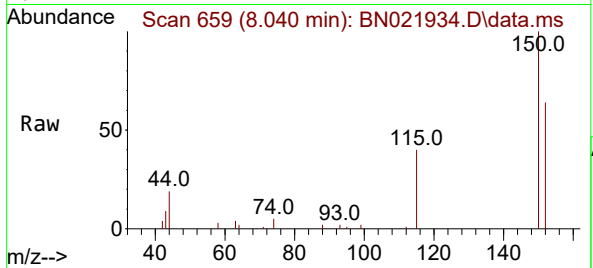




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN021934.D
Acq: 27 Sep 2022 14:20

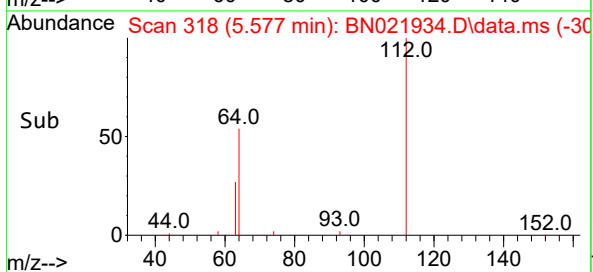
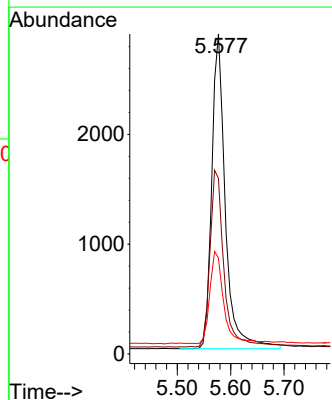
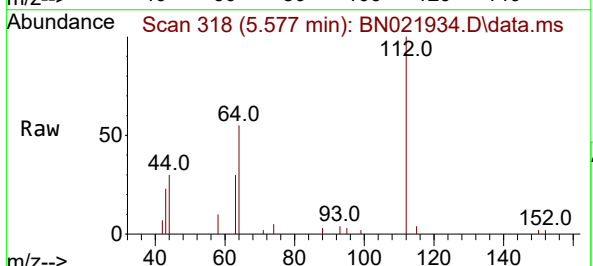
Instrument :
BNA_N
ClientSampleId :
PB147915BL

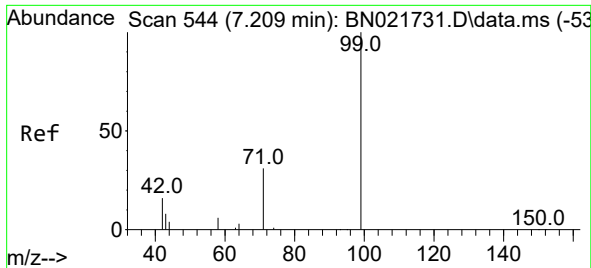
Tgt Ion:152 Resp: 5142
Ion Ratio Lower Upper
152 100
150 155.5 121.8 182.8
115 61.8 48.3 72.5



#4
2-Fluorophenol
Concen: 0.378 ng
RT: 5.577 min Scan# 318
Delta R.T. 0.007 min
Lab File: BN021934.D
Acq: 27 Sep 2022 14:20

Tgt Ion:112 Resp: 5085
Ion Ratio Lower Upper
112 100
64 58.0 45.4 68.2
63 30.0 23.3 34.9

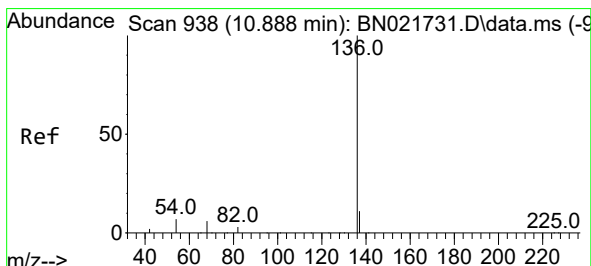
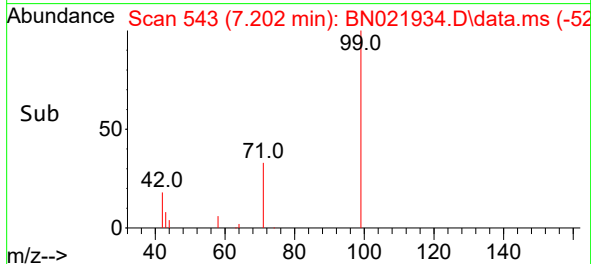
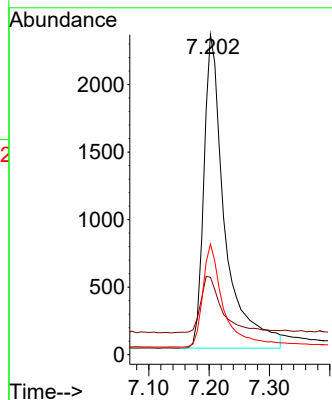
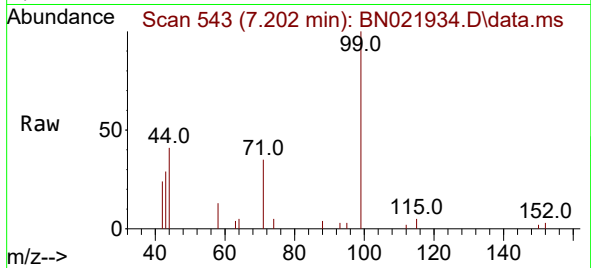




#5
Phenol-d6
Concen: 0.329 ng
RT: 7.202 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN021934.D
Acq: 27 Sep 2022 14:20

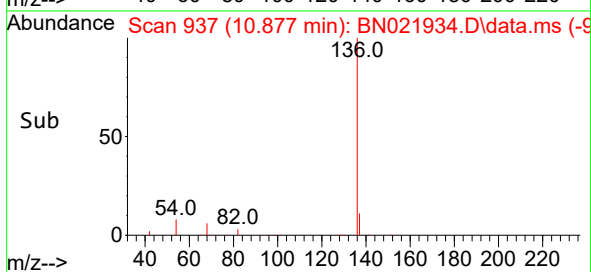
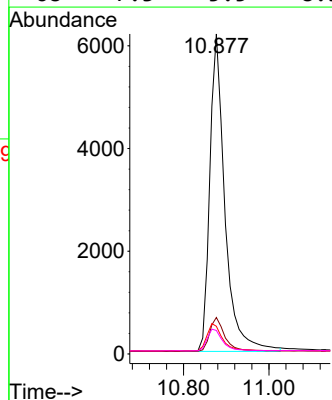
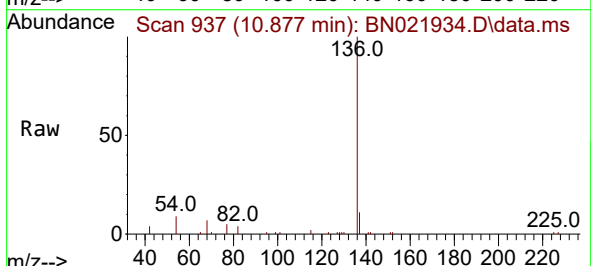
Instrument :
BNA_N
ClientSampleId :
PB147915BL

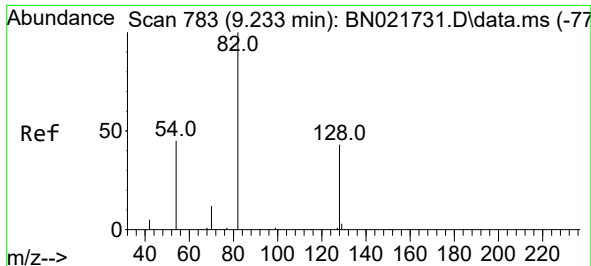
Tgt Ion:	99	Resp:	5605
Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.1	22.7
71	32.5	25.3	37.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.877 min Scan# 937
Delta R.T. 0.011 min
Lab File: BN021934.D
Acq: 27 Sep 2022 14:20

Tgt Ion:	136	Resp:	15189
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.7	6.4	9.6
68	7.3	5.5	8.3

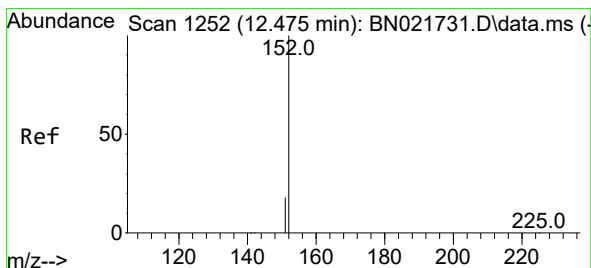
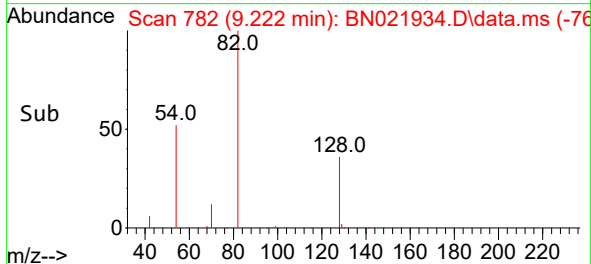
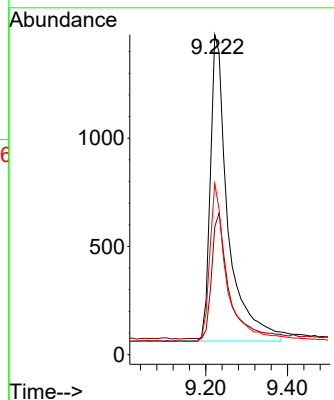
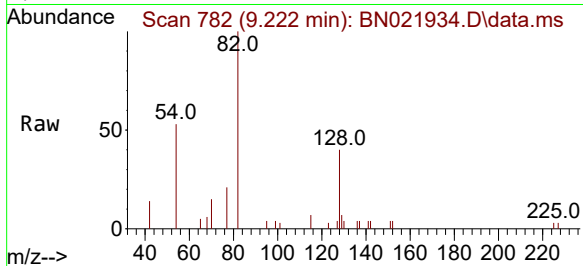




#8
 Nitrobenzene-d5
 Concen: 0.340 ng
 RT: 9.222 min Scan# 71
 Delta R.T. 0.011 min
 Lab File: BN021934.D
 Acq: 27 Sep 2022 14:20

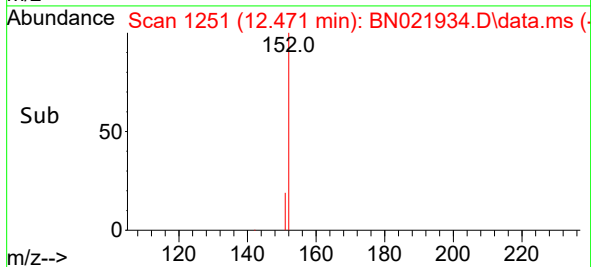
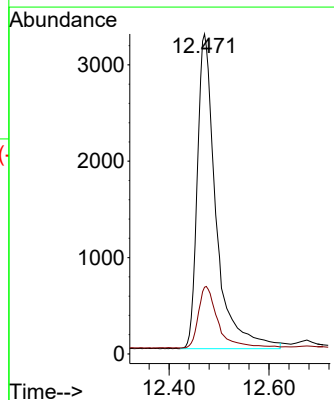
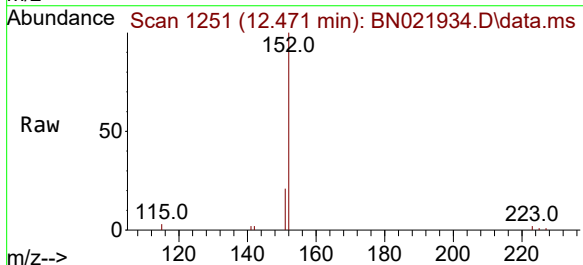
Instrument :
 BNA_N
 ClientSampleId :
 PB147915BL

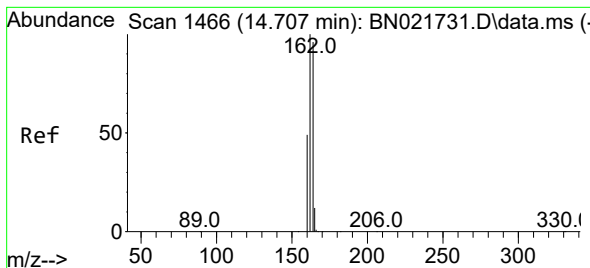
Tgt Ion: 82 Resp: 4265
 Ion Ratio Lower Upper
 82 100
 128 40.0 35.6 53.4
 54 53.5 37.8 56.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.321 ng
 RT: 12.471 min Scan# 1251
 Delta R.T. 0.015 min
 Lab File: BN021934.D
 Acq: 27 Sep 2022 14:20

Tgt Ion: 152 Resp: 12291
 Ion Ratio Lower Upper
 152 100
 151 20.3 15.6 23.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.707 min Scan# 1466

Delta R.T. 0.011 min

Lab File: BN021934.D

Acq: 27 Sep 2022 14:20

Instrument :

BNA_N

ClientSampleId :

PB147915BL

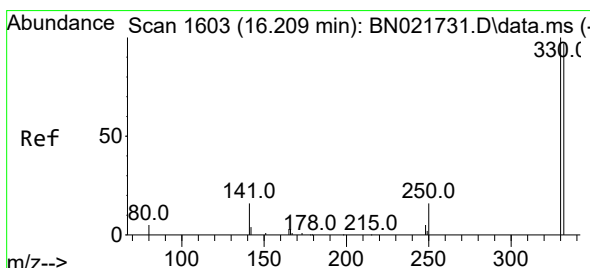
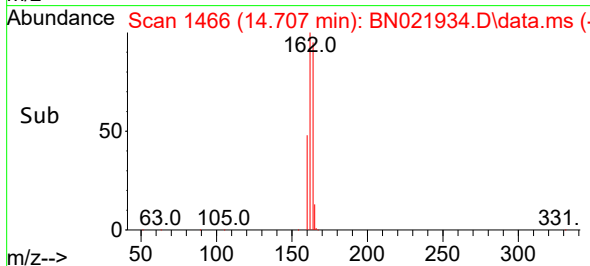
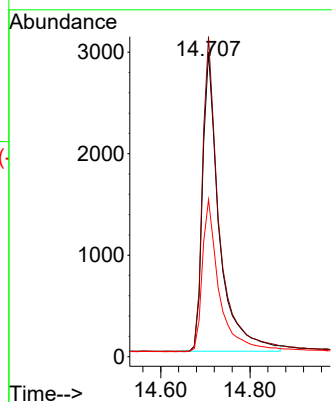
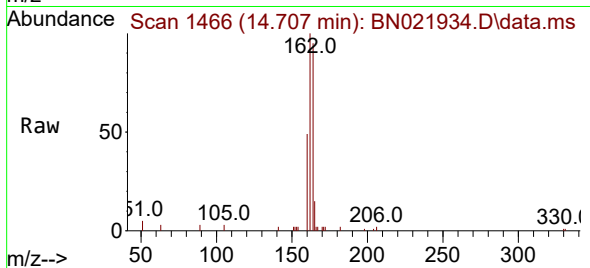
Tgt Ion:164 Resp: 7635

Ion Ratio Lower Upper

164 100

162 105.1 83.2 124.8

160 51.6 40.9 61.3



#14

2,4,6-Tribromophenol

Concen: 0.175 ng

RT: 16.220 min Scan# 1604

Delta R.T. 0.023 min

Lab File: BN021934.D

Acq: 27 Sep 2022 14:20

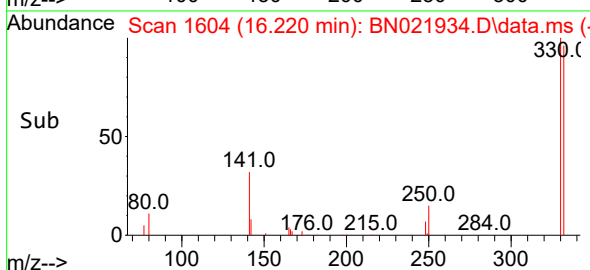
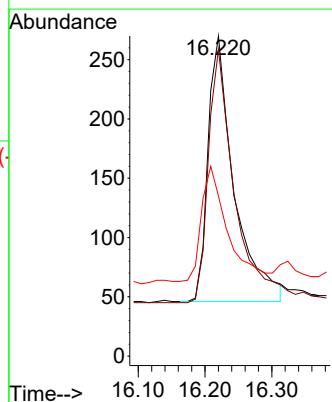
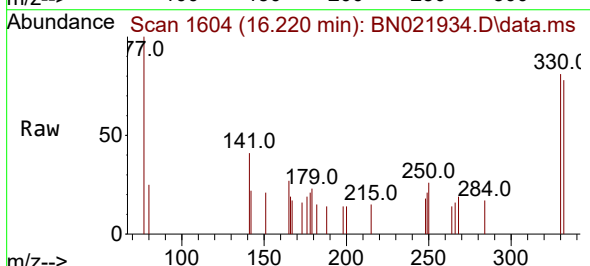
Tgt Ion:330 Resp: 609

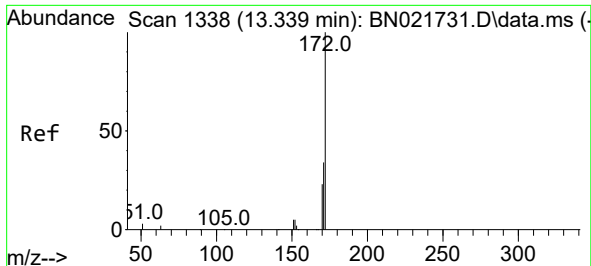
Ion Ratio Lower Upper

330 100

332 95.4 76.8 115.2

141 42.7 37.2 55.8

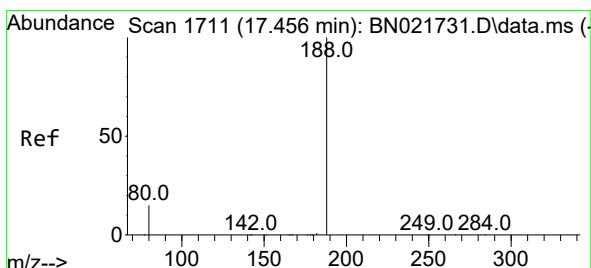
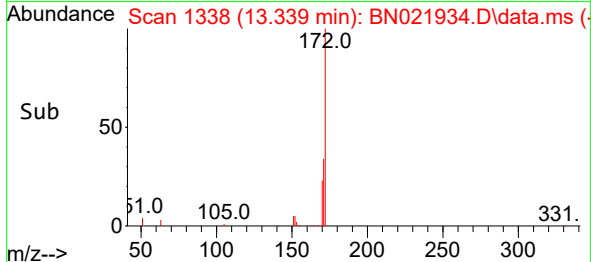
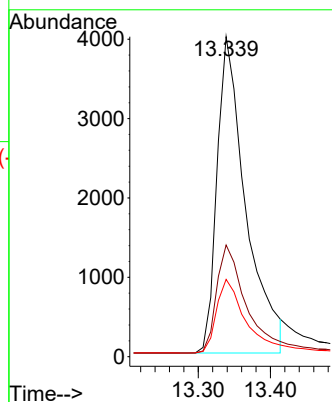
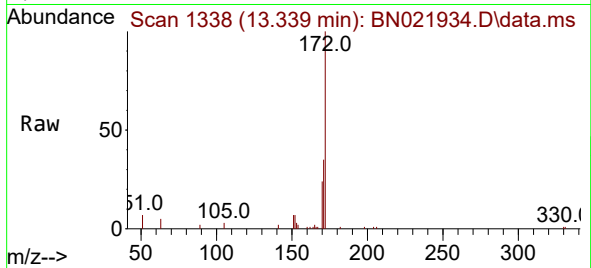




#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.339 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN021934.D
Acq: 27 Sep 2022 14:20

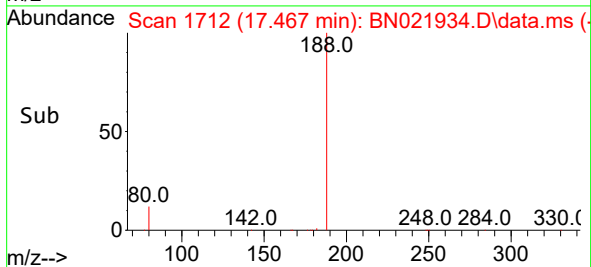
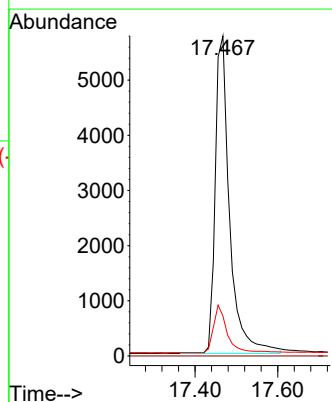
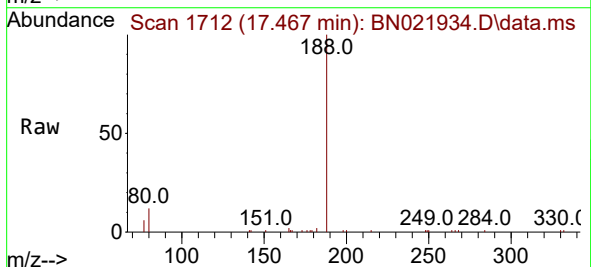
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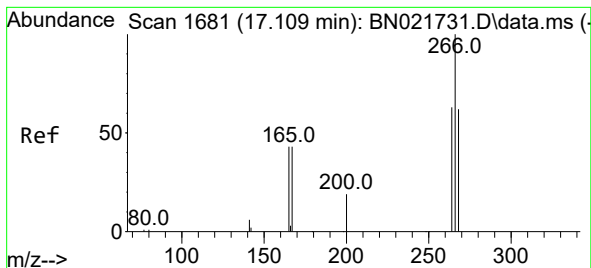
Tgt Ion:172 Resp: 11031
Ion Ratio Lower Upper
172 100
171 34.9 27.7 41.5
170 24.2 18.8 28.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.467 min Scan# 1712
Delta R.T. 0.023 min
Lab File: BN021934.D
Acq: 27 Sep 2022 14:20

Tgt Ion:188 Resp: 13892
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 12.6 19.0#





#24

Pentachlorophenol

Concen: 0.040 ng

RT: 17.132 min Scan# 1

Delta R.T. 0.023 min

Lab File: BN021934.D

Acq: 27 Sep 2022 14:20

Instrument :

BNA_N

ClientSampleId :

PB147915BL

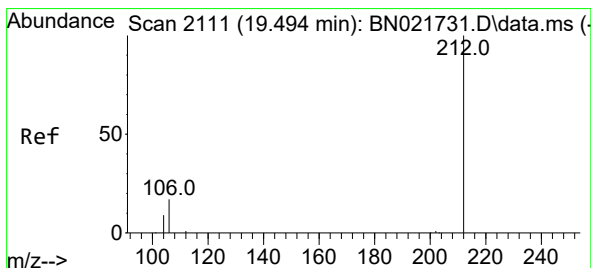
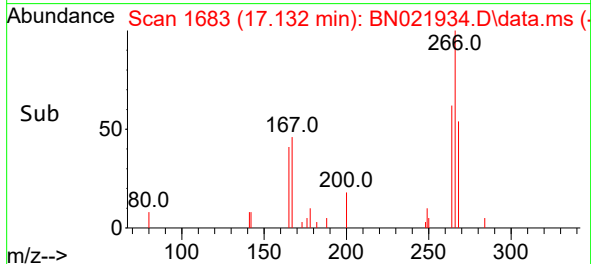
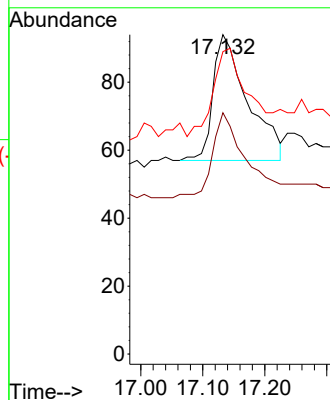
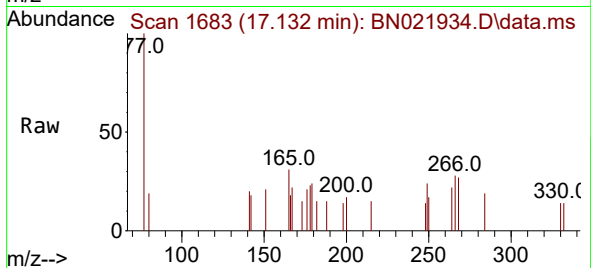
Tgt Ion:266 Resp: 144

Ion Ratio Lower Upper

266 100

264 72.9 50.0 75.0

268 71.5 50.2 75.2



#27

Fluoranthene-d10

Concen: 0.339 ng

RT: 19.490 min Scan# 2110

Delta R.T. 0.008 min

Lab File: BN021934.D

Acq: 27 Sep 2022 14:20

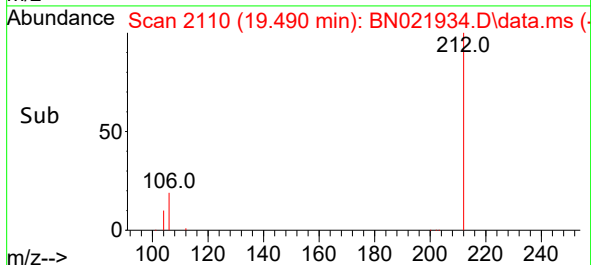
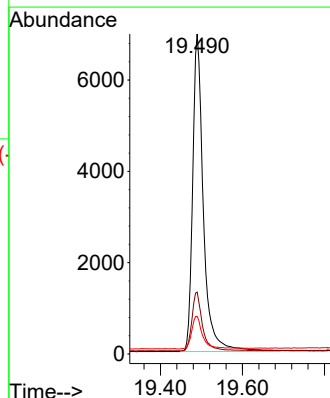
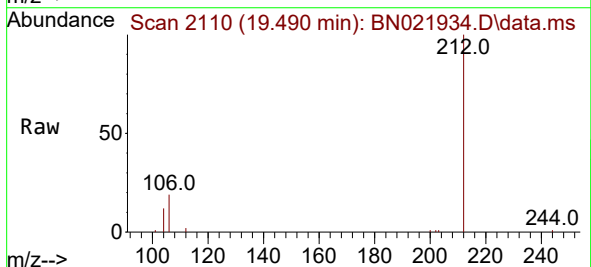
Tgt Ion:212 Resp: 12655

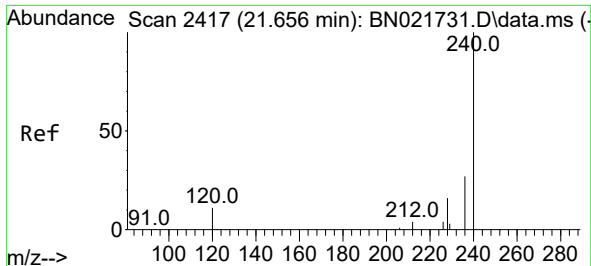
Ion Ratio Lower Upper

212 100

106 18.1 14.3 21.5

104 10.7 8.0 12.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.647 min Scan# 2416

Delta R.T. 0.009 min

Lab File: BN021934.D

Acq: 27 Sep 2022 14:20

Instrument :

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ClientSampleId :

PB147915BL

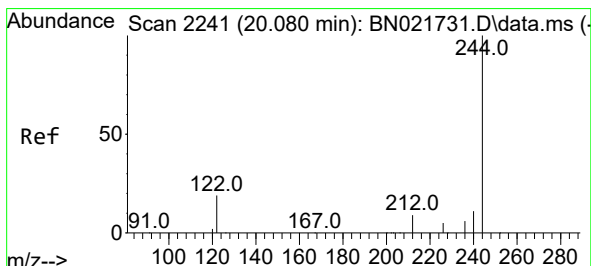
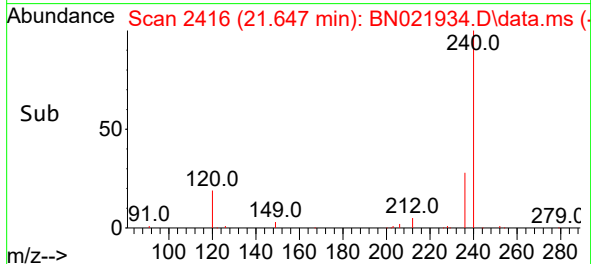
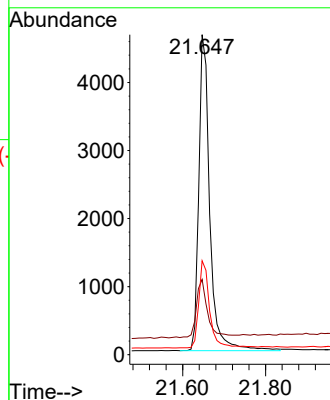
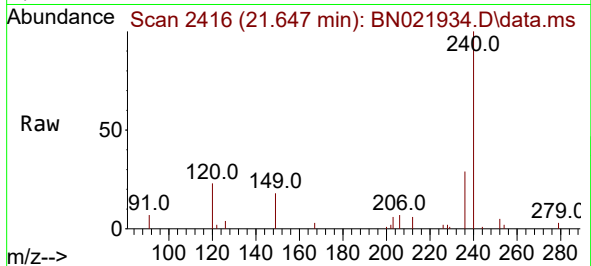
Tgt Ion:240 Resp: 8466

Ion Ratio Lower Upper

240 100

120 23.5 9.8 14.8#

236 29.4 22.2 33.4



#31

Terphenyl-d14

Concen: 0.406 ng

RT: 20.080 min Scan# 2241

Delta R.T. 0.009 min

Lab File: BN021934.D

Acq: 27 Sep 2022 14:20

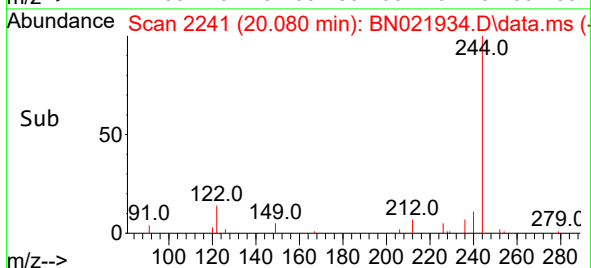
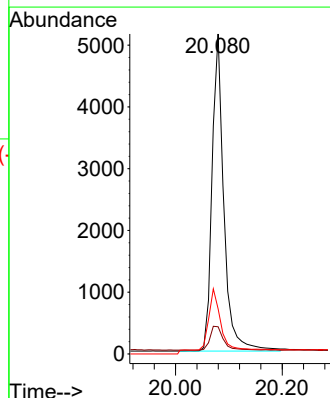
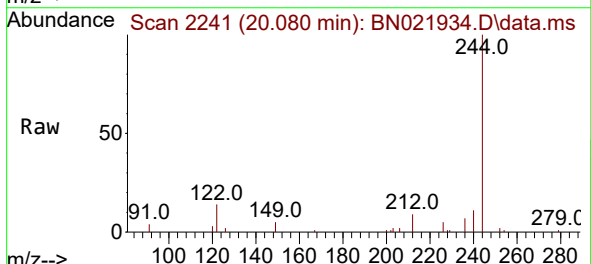
Tgt Ion:244 Resp: 7861

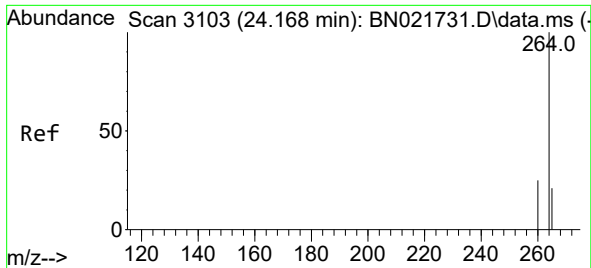
Ion Ratio Lower Upper

244 100

212 8.5 7.9 11.9

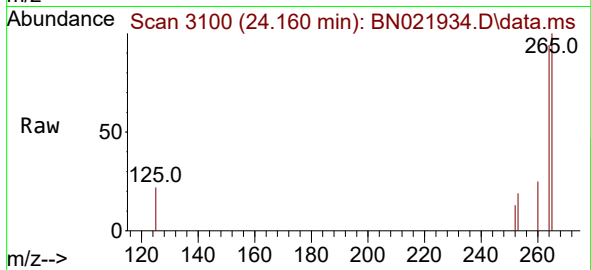
122 14.1 15.8 23.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.160 min Scan# 31
 Delta R.T. 0.009 min
 Lab File: BN021934.D
 Acq: 27 Sep 2022 14:20

Instrument :
 BNA_N
 ClientSampleId :
 PB147915BL



Tgt Ion:264 Resp: 6631

Ion	Ratio	Lower	Upper
264	100		
260	27.1	20.6	31.0
265	106.7	34.4	51.6

