

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012723\
 Data File : BN023822.D
 Acq On : 26 Jan 2023 17:58
 Operator : CG/JU
 Sample : PB150217BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB150217BL

Quant Time: Jan 27 02:00:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 01:06:05 2023
 Response via : Initial Calibration

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

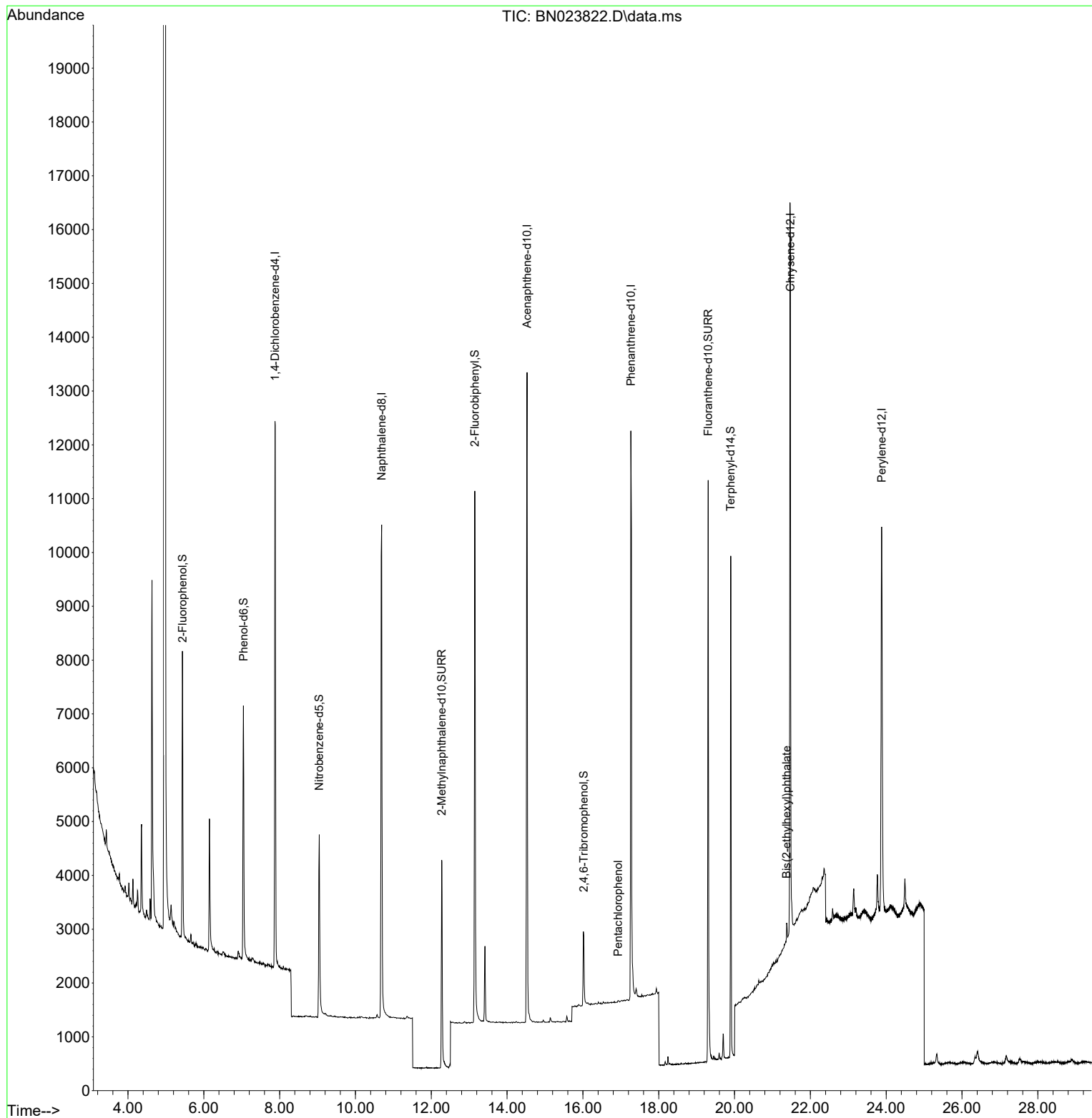
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	5180	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	13760	0.400	ng	0.00
13) Acenaphthene-d10	14.527	164	7291	0.400	ng	0.00
19) Phenanthrene-d10	17.266	188	16472	0.400	ng	0.00
29) Chrysene-d12	21.473	240	14123	0.400	ng	# 0.00
35) Perylene-d12	23.881	264	11382	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.442	112	4118	0.382	ng	0.00
5) Phenol-d6	7.046	99	4581	0.359	ng	0.00
8) Nitrobenzene-d5	9.046	82	3241	0.310	ng	0.00
11) 2-Methylnaphthalene-d10	12.276	152	5757	0.317	ng	0.00
14) 2,4,6-Tribromophenol	16.024	330	991	0.310	ng	0.01
15) 2-Fluorobiphenyl	13.148	172	8911	0.307	ng	0.00
27) Fluoranthene-d10	19.304	212	12774	0.332	ng	0.00
31) Terphenyl-d14	19.899	244	10356	0.386	ng	0.00
Target Compounds						
24) Pentachlorophenol	16.930	266	26	0.163	ng	Qvalue 95
34) Bis(2-ethylhexyl)phtha...	21.374	149	580	0.030	ng	# 87

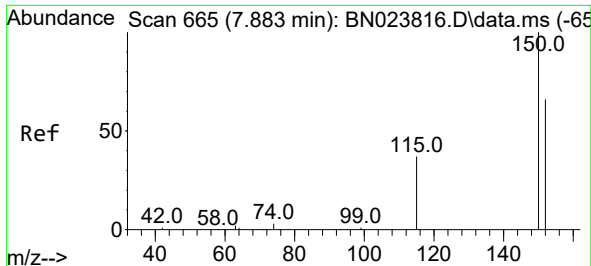
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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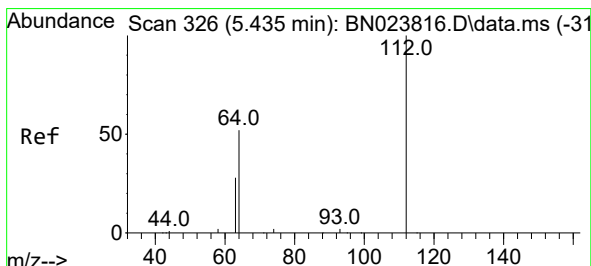
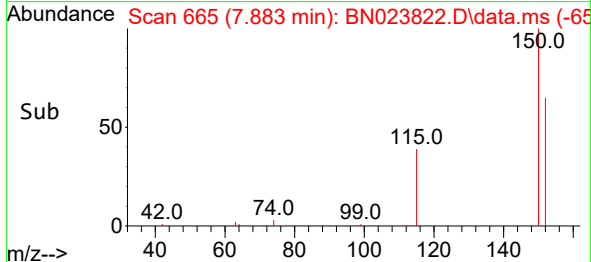
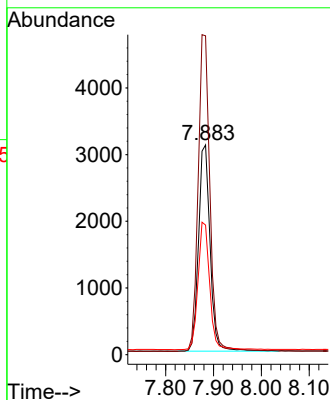
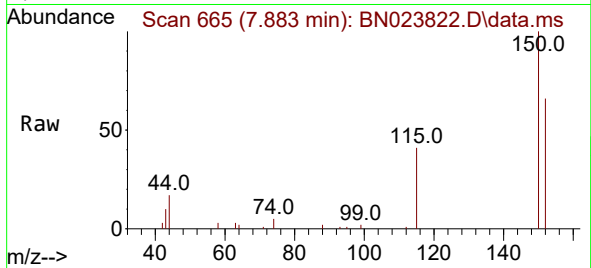




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.883 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN023822.D
Acq: 26 Jan 2023 17:58

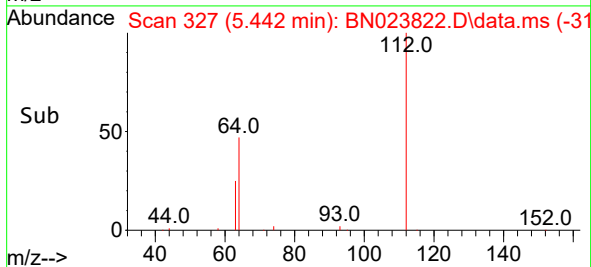
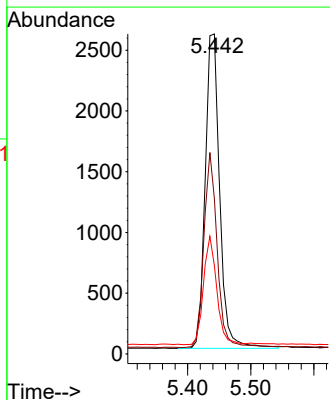
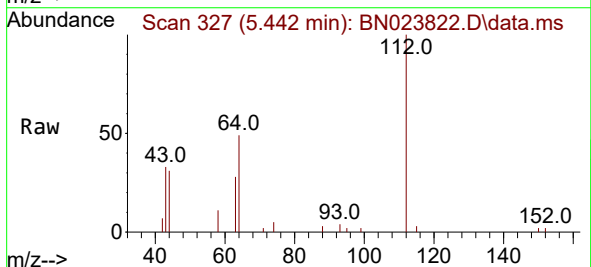
Instrument :
BNA_N
ClientSampleId :
PB150217BL

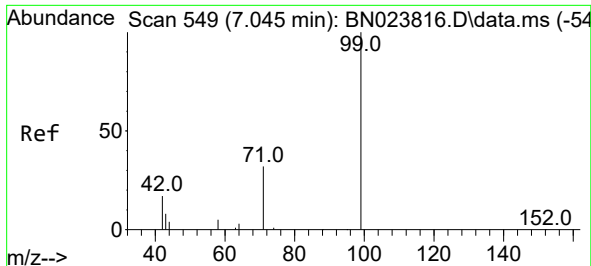
Tgt Ion:152 Resp: 5180
Ion Ratio Lower Upper
152 100
150 152.0 120.5 180.7
115 61.8 46.4 69.6



#4
2-Fluorophenol
Concen: 0.382 ng
RT: 5.442 min Scan# 327
Delta R.T. 0.007 min
Lab File: BN023822.D
Acq: 26 Jan 2023 17:58

Tgt Ion:112 Resp: 4118
Ion Ratio Lower Upper
112 100
64 57.6 45.7 68.5
63 31.5 24.6 37.0

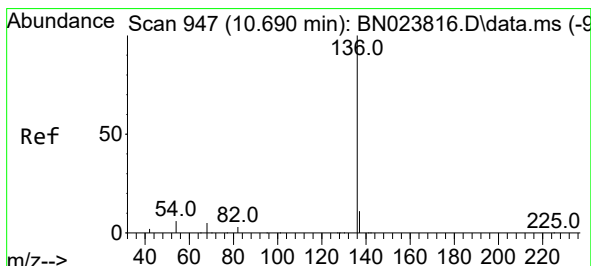
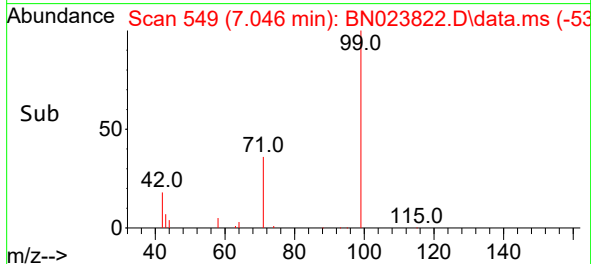
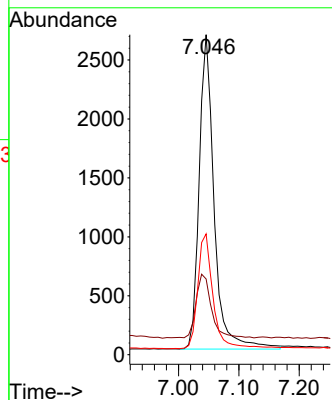
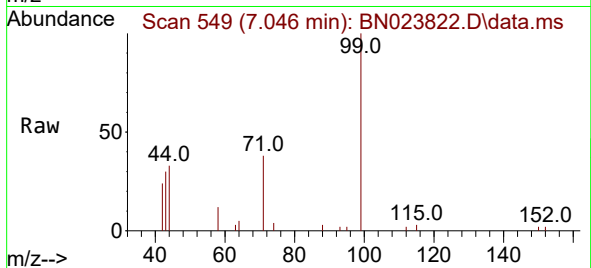




#5
Phenol-d6
Concen: 0.359 ng
RT: 7.046 min Scan# 549
Delta R.T. 0.000 min
Lab File: BN023822.D
Acq: 26 Jan 2023 17:58

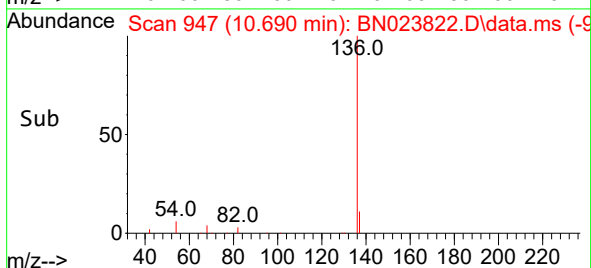
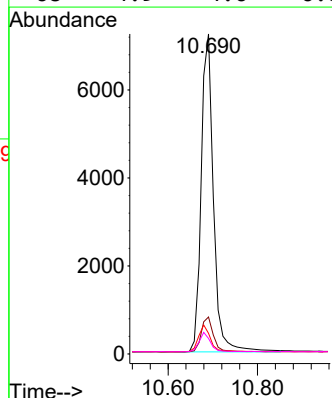
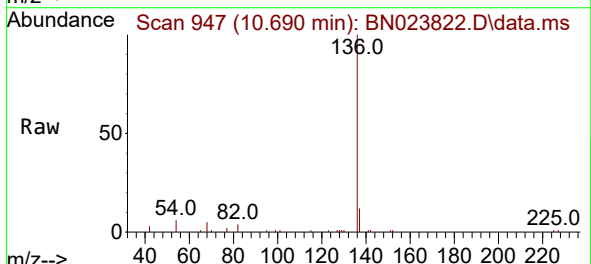
Instrument :
BNA_N
ClientSampleId :
PB150217BL

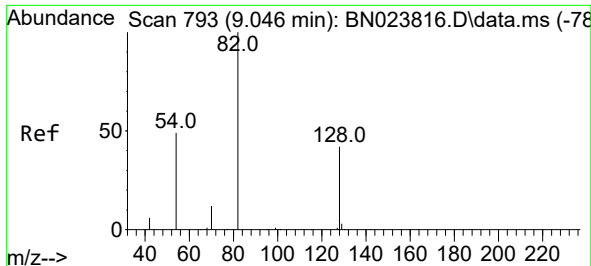
Tgt Ion: 99 Resp: 4581
Ion Ratio Lower Upper
99 100
42 21.3 17.9 26.9
71 37.5 27.7 41.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 947
Delta R.T. 0.000 min
Lab File: BN023822.D
Acq: 26 Jan 2023 17:58

Tgt Ion: 136 Resp: 13760
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 6.4 5.4 8.2
68 4.9 4.6 6.8

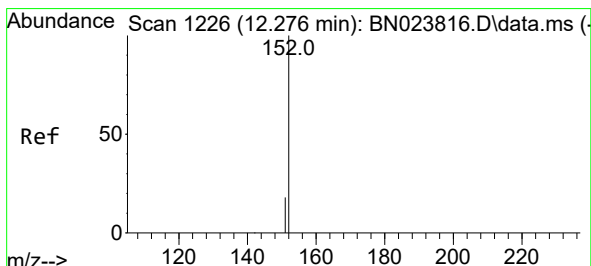
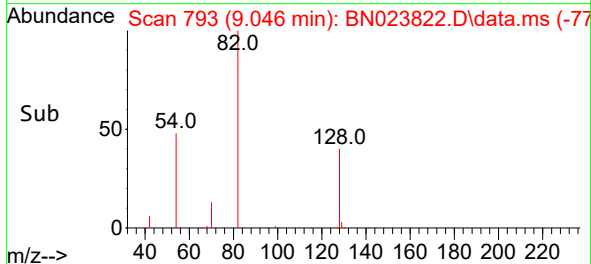
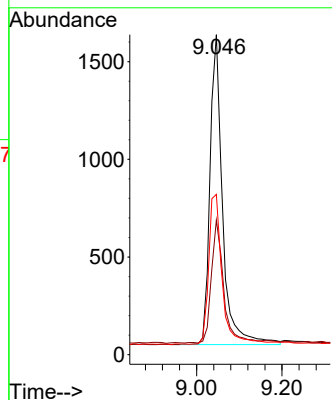
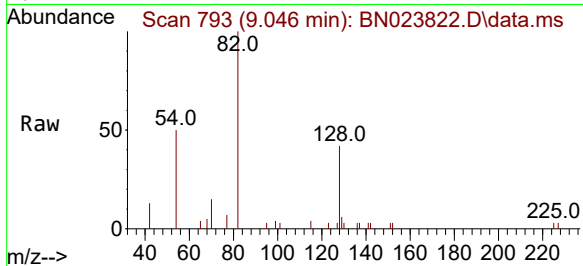




#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 9.046 min Scan# 793
Delta R.T. 0.000 min
Lab File: BN023822.D
Acq: 26 Jan 2023 17:58

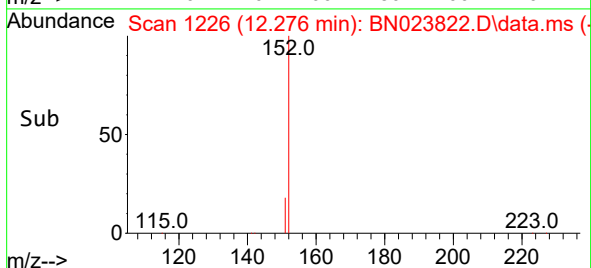
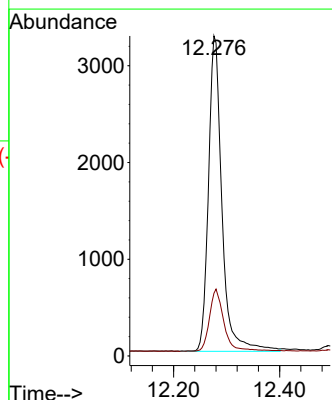
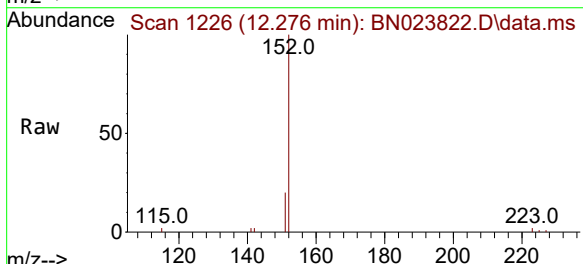
Instrument :
BNA_N
ClientSampleId :
PB150217BL

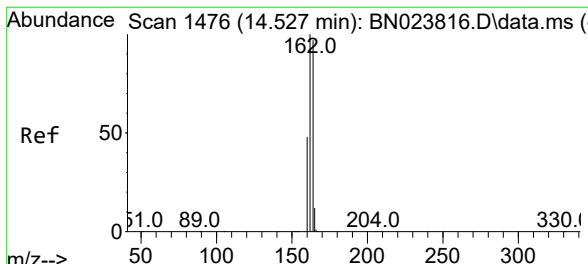
Tgt Ion: 82 Resp: 3241
Ion Ratio Lower Upper
82 100
128 42.1 35.6 53.4
54 50.1 40.2 60.4



#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.276 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BN023822.D
Acq: 26 Jan 2023 17:58

Tgt Ion: 152 Resp: 5757
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2

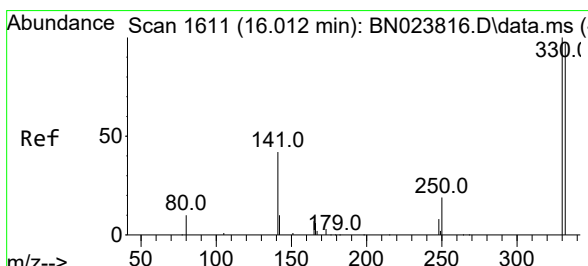
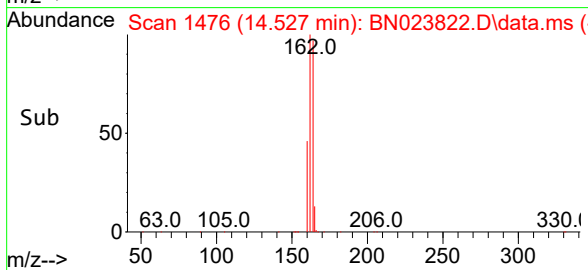
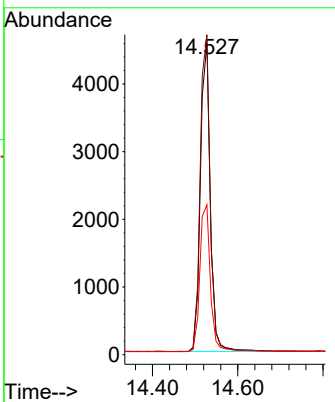
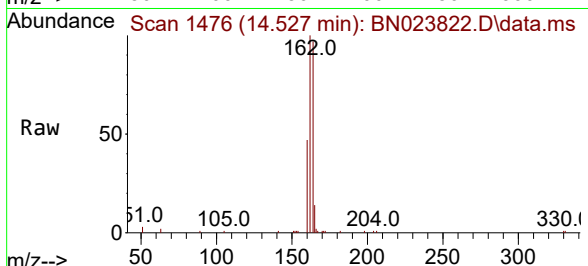




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.527 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: BN023822.D
 Acq: 26 Jan 2023 17:58

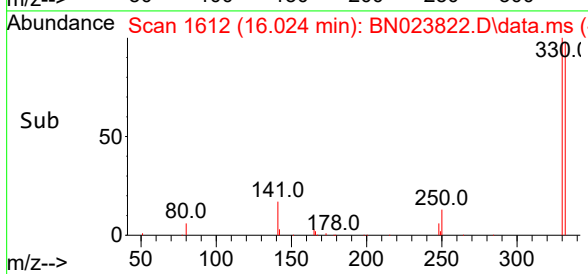
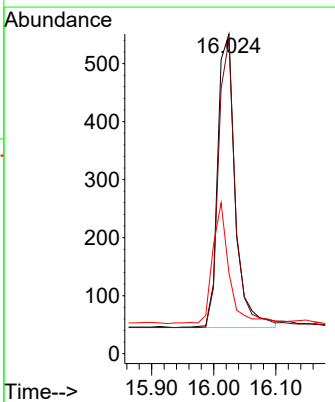
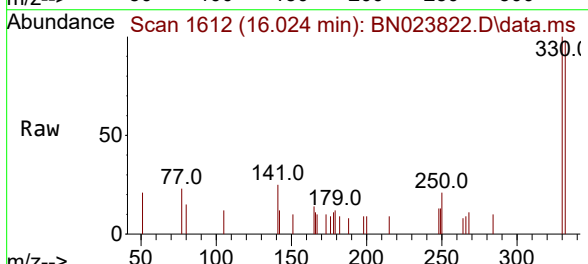
Instrument :
 BNA_N
 ClientSampleId :
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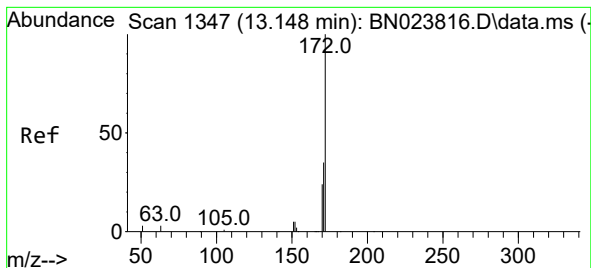
Tgt Ion:	164	Resp:	7291
Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.5	123.7
160	48.1	39.9	59.9



#14
 2,4,6-Tribromophenol
 Concen: 0.310 ng
 RT: 16.024 min Scan# 1612
 Delta R.T. 0.013 min
 Lab File: BN023822.D
 Acq: 26 Jan 2023 17:58

Tgt Ion:	330	Resp:	991
Ion	Ratio	Lower	Upper
330	100		
332	94.0	78.8	118.2
141	37.7	33.2	49.8





#15

2-Fluorobiphenyl

Concen: 0.307 ng

RT: 13.148 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN023822.D

Acq: 26 Jan 2023 17:58

Instrument :

BNA_N

ClientSampleId :

PB150217BL

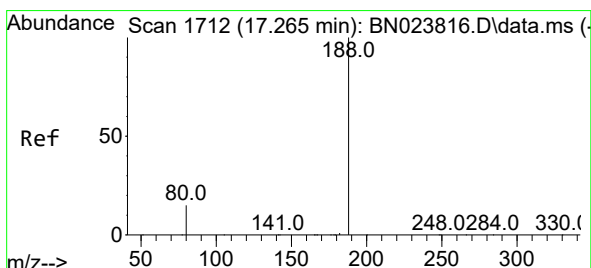
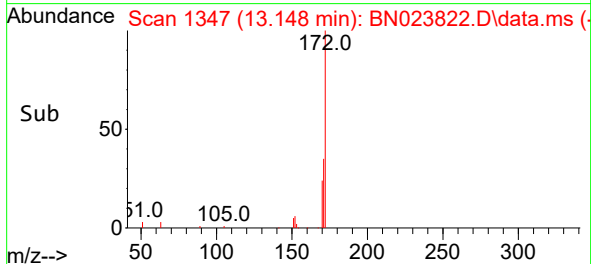
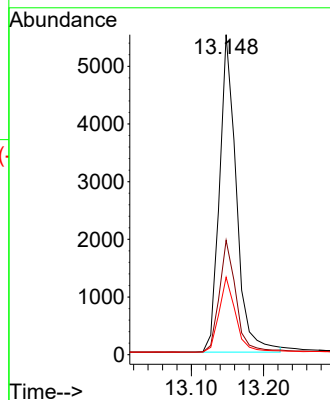
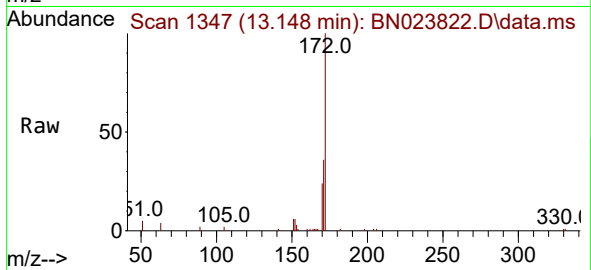
Tgt Ion:172 Resp: 8911

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.2 19.4 29.2



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.266 min Scan# 1712

Delta R.T. 0.000 min

Lab File: BN023822.D

Acq: 26 Jan 2023 17:58

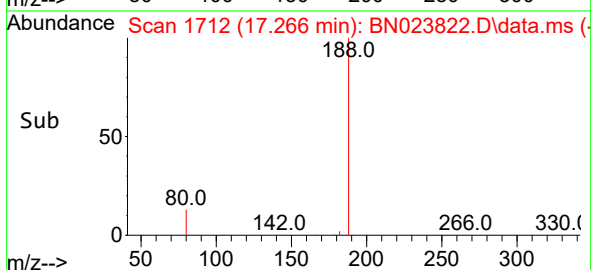
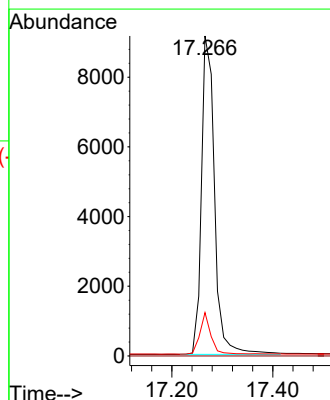
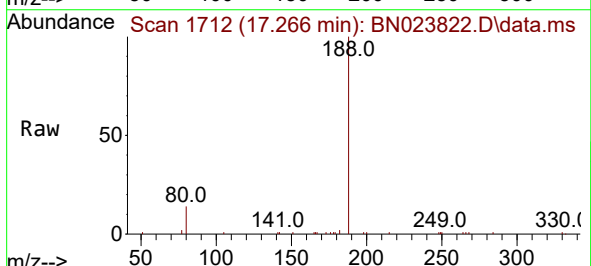
Tgt Ion:188 Resp: 16472

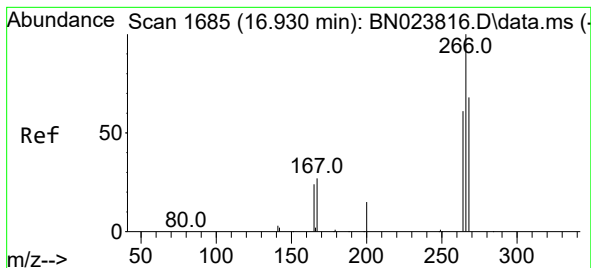
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.5 12.6 18.8





#24

Pentachlorophenol

Concen: 0.163 ng

RT: 16.930 min Scan# 1685

Delta R.T. 0.000 min

Lab File: BN023822.D

Acq: 26 Jan 2023 17:58

Instrument :

BNA_N

ClientSampleId :

PB150217BL

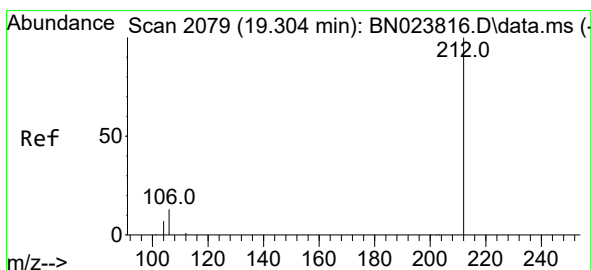
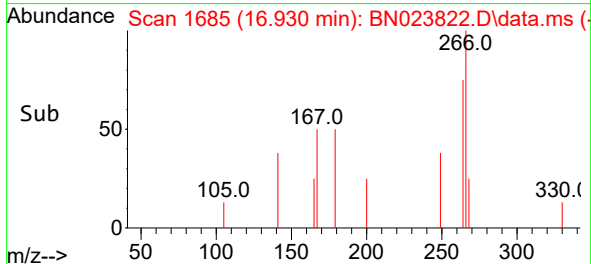
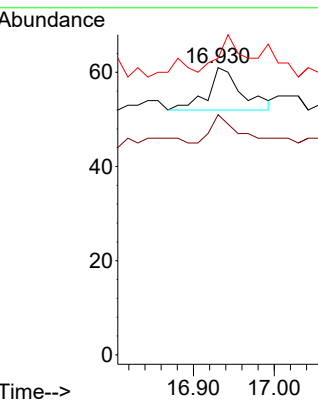
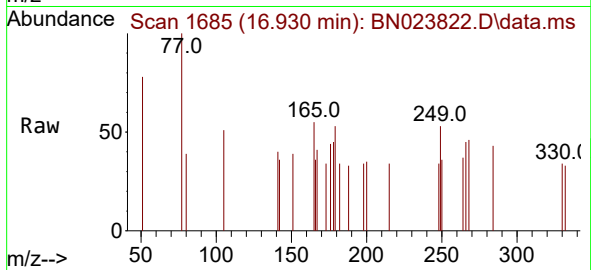
Tgt Ion:266 Resp: 26

Ion Ratio Lower Upper

266 100

264 57.7 49.0 73.4

268 57.7 50.1 75.1



#27

Fluoranthene-d10

Concen: 0.332 ng

RT: 19.304 min Scan# 2079

Delta R.T. 0.000 min

Lab File: BN023822.D

Acq: 26 Jan 2023 17:58

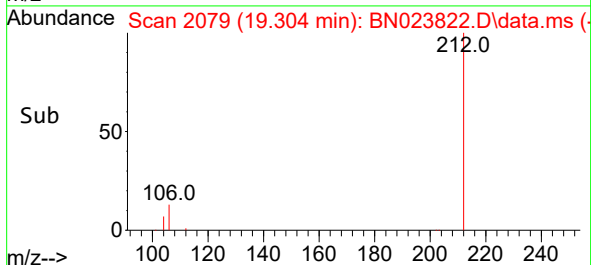
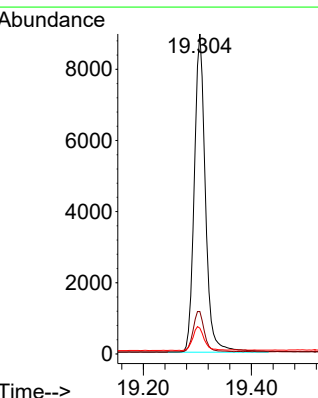
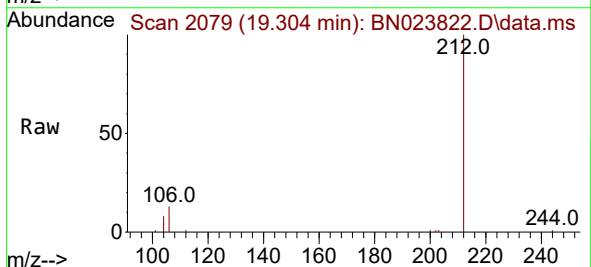
Tgt Ion:212 Resp: 12774

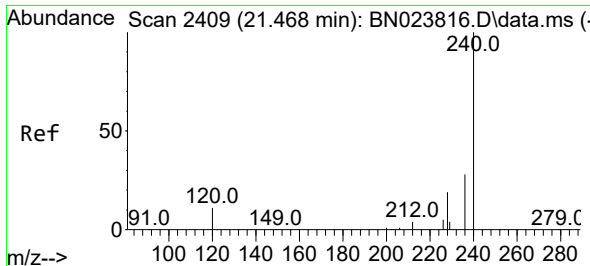
Ion Ratio Lower Upper

212 100

106 13.1 10.8 16.2

104 7.6 6.2 9.4

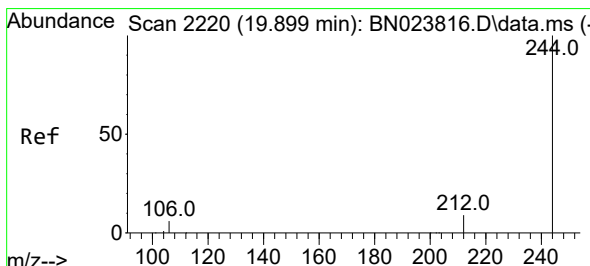
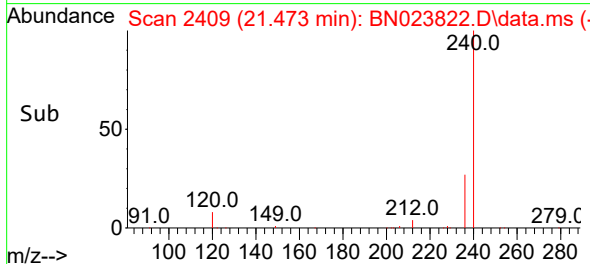
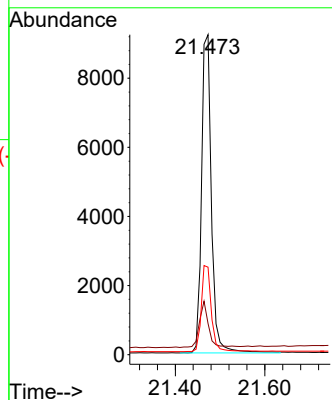
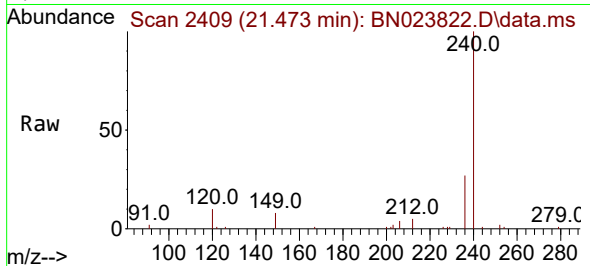




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.473 min Scan# 2409
Delta R.T. 0.005 min
Lab File: BN023822.D
Acq: 26 Jan 2023 17:58

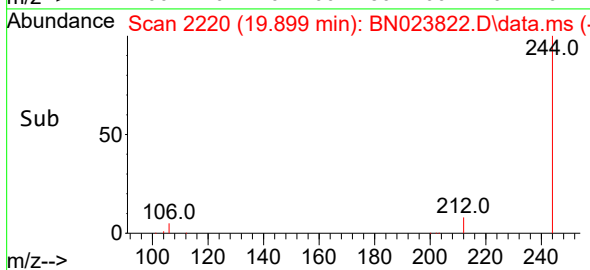
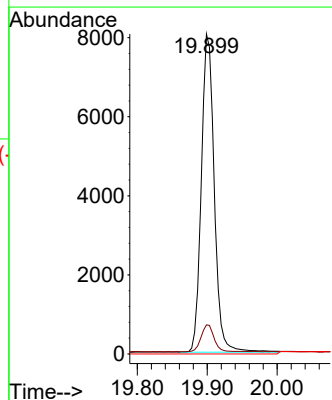
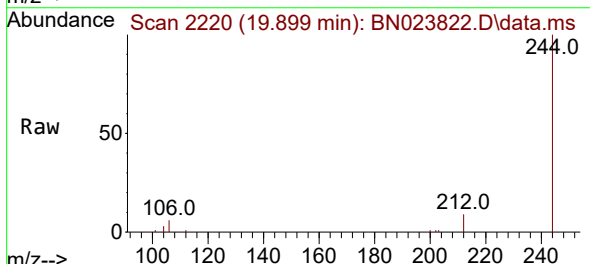
Instrument :
BNA_N
ClientSampleId :
PB150217BL

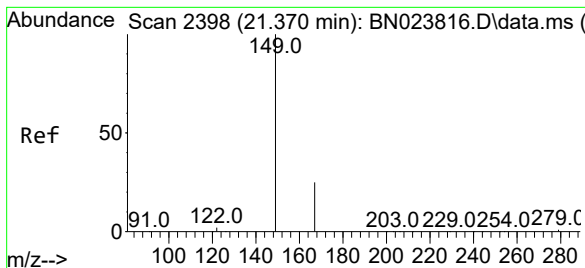
Tgt Ion:240 Resp: 14123
Ion Ratio Lower Upper
240 100
120 9.8 10.6 15.8#
236 27.3 22.5 33.7



#31
Terphenyl-d14
Concen: 0.386 ng
RT: 19.899 min Scan# 2220
Delta R.T. 0.000 min
Lab File: BN023822.D
Acq: 26 Jan 2023 17:58

Tgt Ion:244 Resp: 10356
Ion Ratio Lower Upper
244 100
212 9.1 7.4 11.0
122 0.0 0.0 0.0

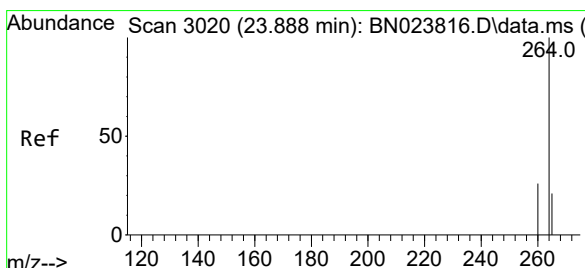
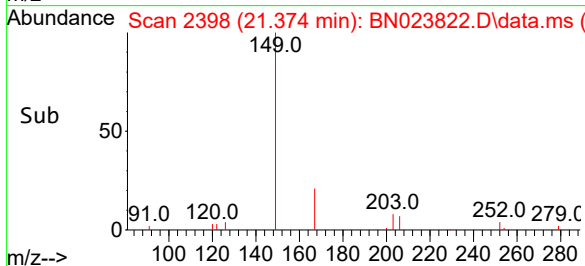
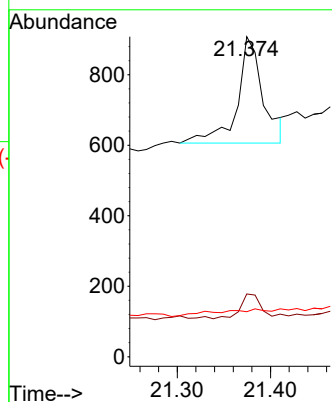
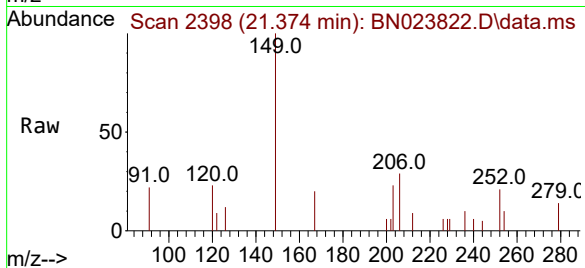




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.030 ng
 RT: 21.374 min Scan# 2139
 Delta R.T. 0.005 min
 Lab File: BN023822.D
 Acq: 26 Jan 2023 17:58

Instrument :
 BNA_N
 ClientSampleId :
 PB150217BL

Tgt Ion:149 Resp: 580
 Ion Ratio Lower Upper
 149 100
 167 20.2 20.4 30.6#
 279 14.8 2.2 3.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.881 min Scan# 3018
 Delta R.T. -0.007 min
 Lab File: BN023822.D
 Acq: 26 Jan 2023 17:58

Tgt Ion:264 Resp: 11382
 Ion Ratio Lower Upper
 264 100
 260 26.2 21.5 32.3
 265 60.9 44.5 66.7

