

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027147.D
 Acq On : 26 Aug 2023 09:52
 Operator : MA/JU
 Sample : 04095-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20230817

Quant Time: Aug 26 22:33:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 02:13:59 2023
 Response via : Initial Calibration

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

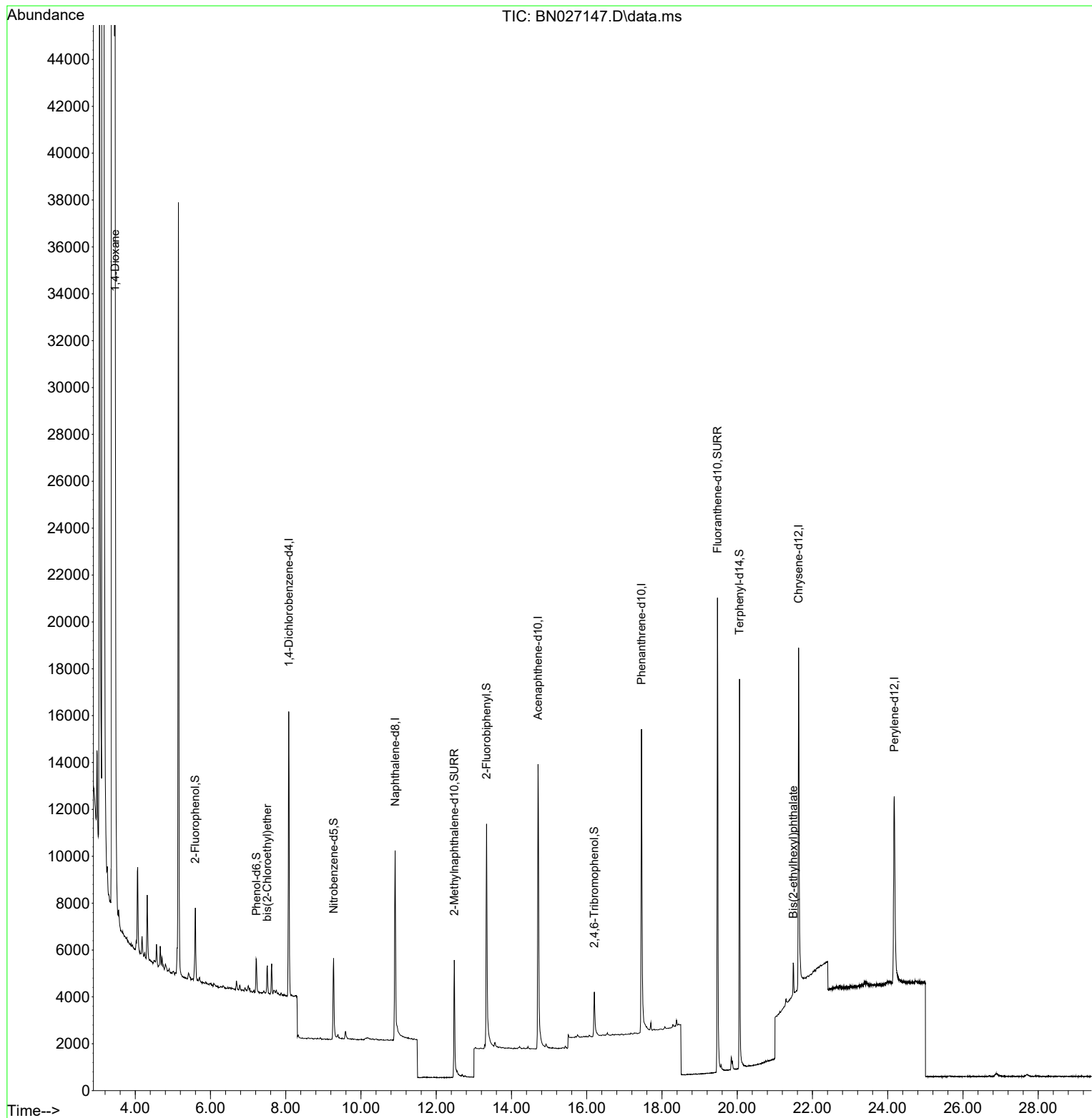
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	5938	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	13236	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	9041	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	21402	0.400	ng	0.00
29) Chrysene-d12	21.632	240	17175	0.400	ng	# 0.00
35) Perylene-d12	24.174	264	15441	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2526	0.151	ng	0.00
5) Phenol-d6	7.221	99	1629	0.079	ng	0.00
8) Nitrobenzene-d5	9.273	82	3239	0.290	ng	0.00
11) 2-Methylnaphthalene-d10	12.479	152	8429	0.401	ng	0.00
14) 2,4,6-Tribromophenol	16.202	330	1387	0.288	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	10625	0.317	ng	0.00
27) Fluoranthene-d10	19.477	212	24640	0.449	ng	0.00
31) Terphenyl-d14	20.062	244	17581	0.490	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.466	88	22738	3.561	ng	Qvalue 97
6) bis(2-Chloroethyl)ether	7.510	93	911	0.052	ng	94
34) Bis(2-ethylhexyl)phtha...	21.489	149	1743	0.039	ng	# 97

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

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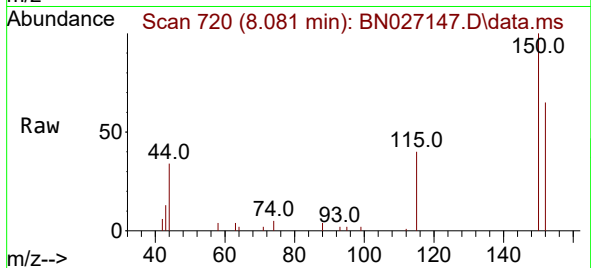
Quant Time: Aug 26 22:33:06 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
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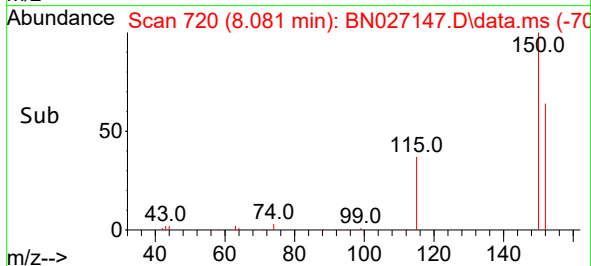
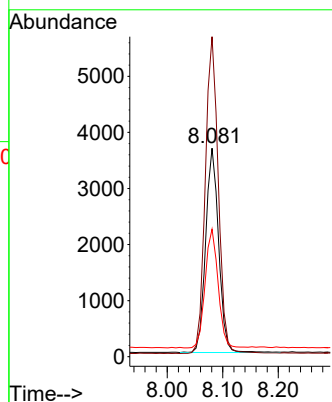


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.081 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027147.D
 Acq: 26 Aug 2023 09:52

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20230817

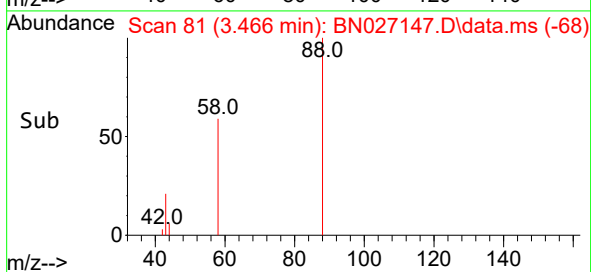
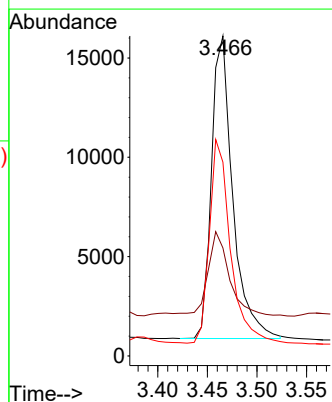
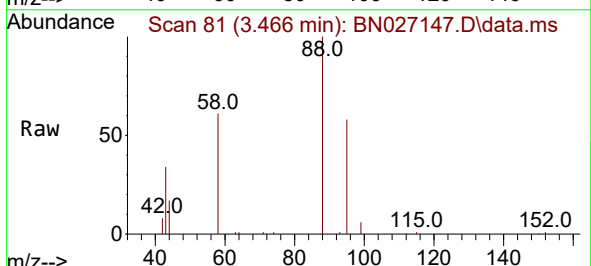


Tgt Ion:152 Resp: 5938
 Ion Ratio Lower Upper
 152 100
 150 153.5 123.8 185.6
 115 61.2 49.7 74.5



#2
 1,4-Dioxane
 Concen: 3.561 ng
 RT: 3.466 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BN027147.D
 Acq: 26 Aug 2023 09:52

Tgt Ion: 88 Resp: 22738
 Ion Ratio Lower Upper
 88 100
 43 27.3 19.2 28.8
 58 66.5 54.5 81.7

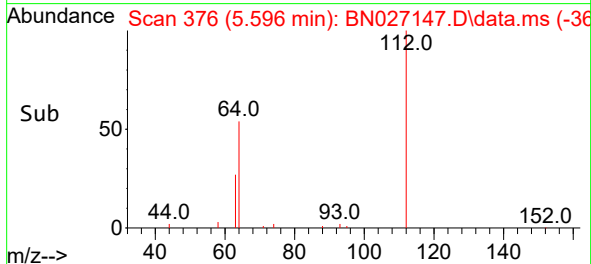
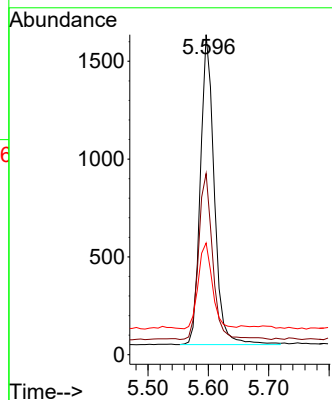
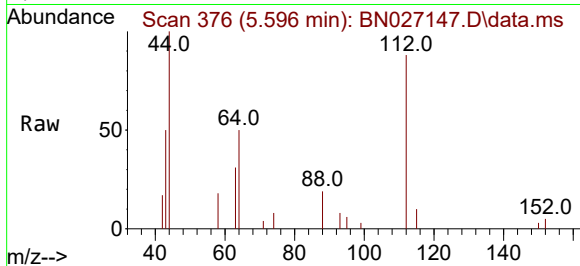




#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.596 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027147.D
Acq: 26 Aug 2023 09:52

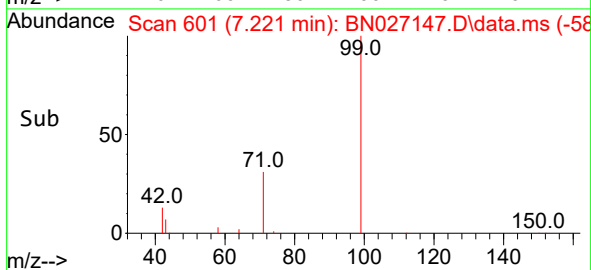
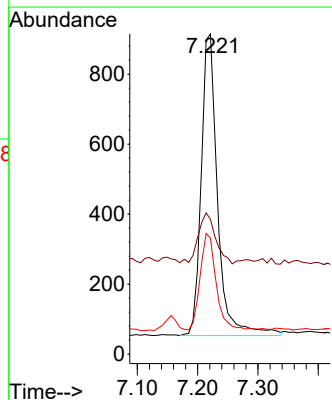
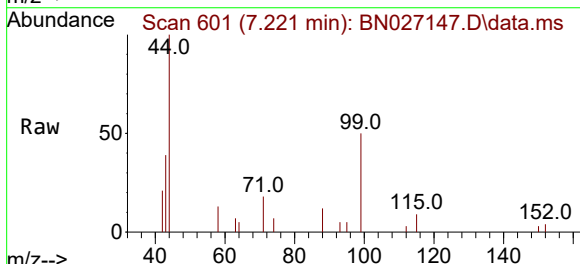
Instrument :
BNA_N
ClientSampleId :
RE105D2-20230817

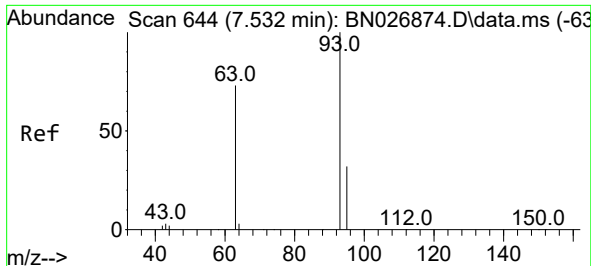
Tgt Ion:112 Resp: 2526
Ion Ratio Lower Upper
112 100
64 54.0 41.5 62.3
63 28.1 21.7 32.5



#5
Phenol-d6
Concen: 0.079 ng
RT: 7.221 min Scan# 601
Delta R.T. 0.000 min
Lab File: BN027147.D
Acq: 26 Aug 2023 09:52

Tgt Ion: 99 Resp: 1629
Ion Ratio Lower Upper
99 100
42 17.8 13.6 20.4
71 31.6 26.0 39.0

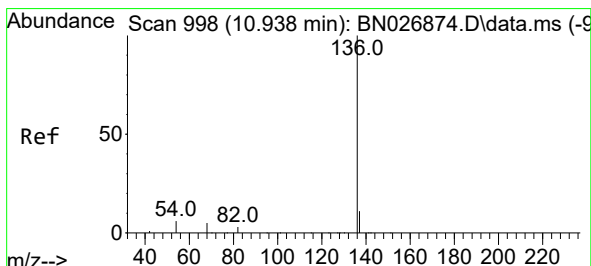
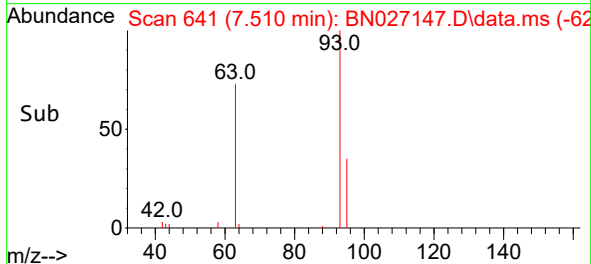
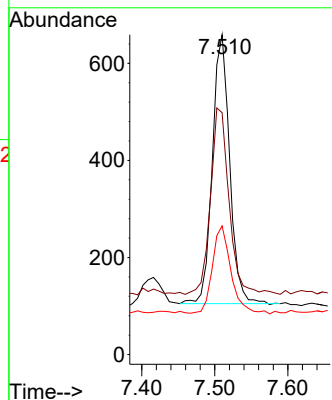
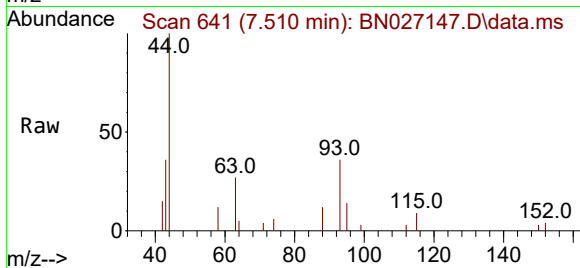




#6
bis(2-Chloroethyl)ether
Concen: 0.052 ng
RT: 7.510 min Scan# 644
Delta R.T. 0.000 min
Lab File: BN027147.D
Acq: 26 Aug 2023 09:52

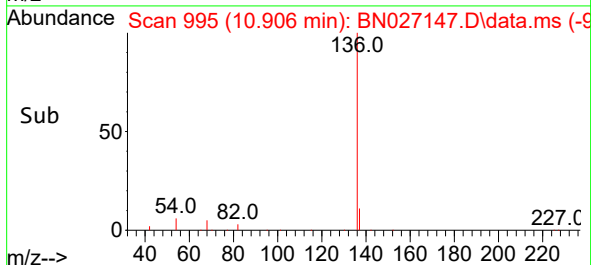
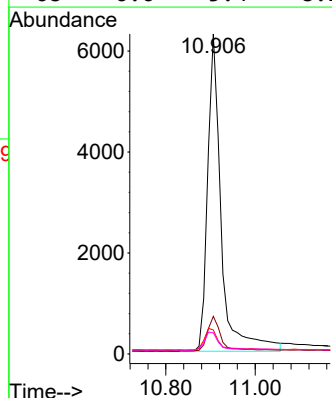
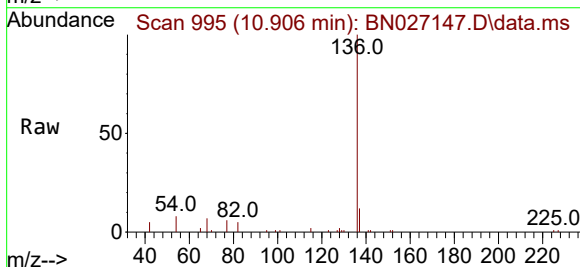
Instrument :
BNA_N
ClientSampleId :
RE105D2-20230817

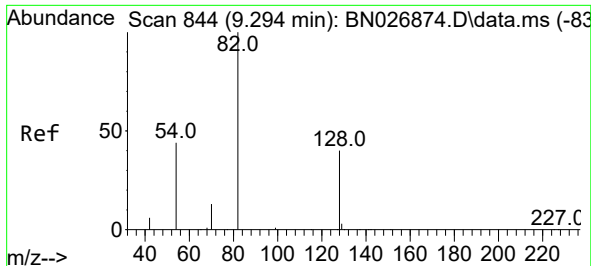
Tgt Ion: 93 Resp: 911
Ion Ratio Lower Upper
93 100
63 74.4 55.0 82.4
95 35.1 26.2 39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 995
Delta R.T. 0.000 min
Lab File: BN027147.D
Acq: 26 Aug 2023 09:52

Tgt Ion:136 Resp: 13236
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 7.5 5.5 8.3
68 6.6 5.4 8.2

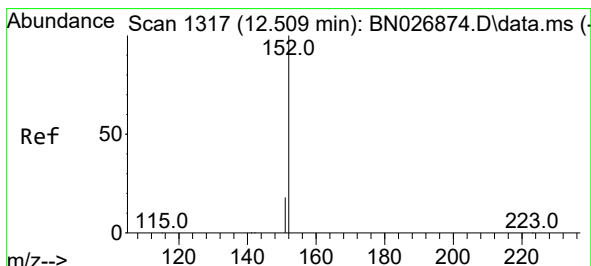
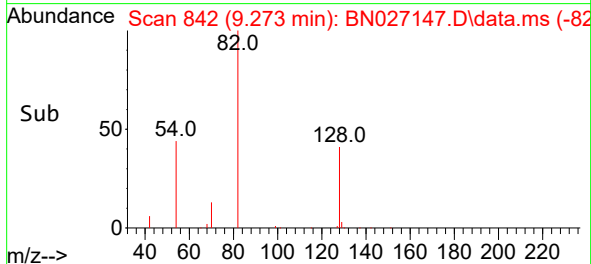
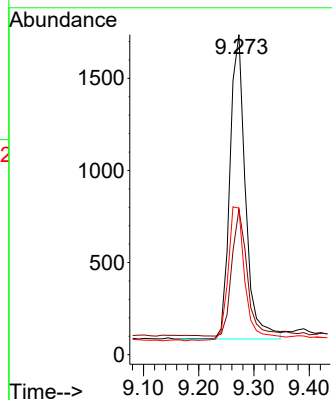
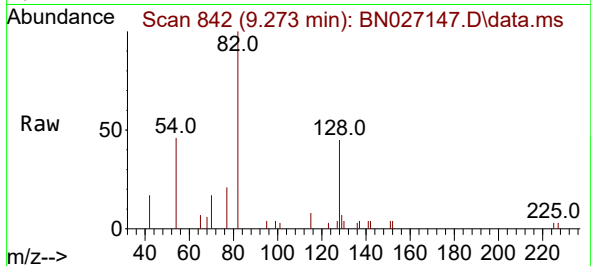




#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 9.273 min Scan# 84
Delta R.T. 0.000 min
Lab File: BN027147.D
Acq: 26 Aug 2023 09:52

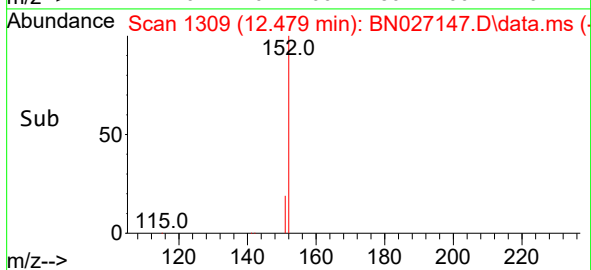
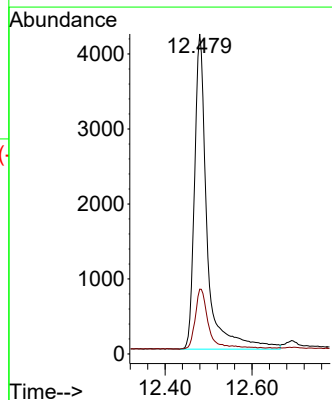
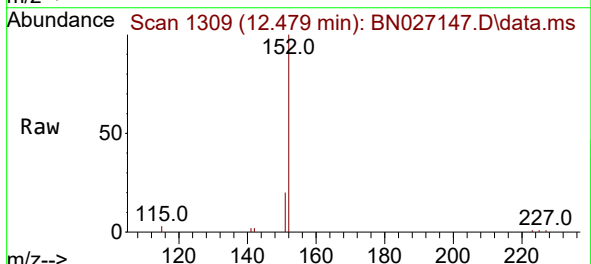
Instrument :
BNA_N
ClientSampleId :
RE105D2-20230817

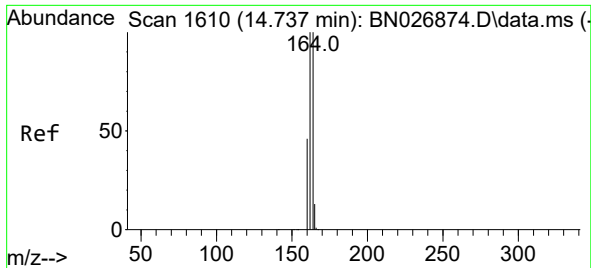
Tgt Ion: 82 Resp: 3239
Ion Ratio Lower Upper
82 100
128 45.4 34.1 51.1
54 45.8 37.0 55.4



#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.479 min Scan# 1309
Delta R.T. -0.004 min
Lab File: BN027147.D
Acq: 26 Aug 2023 09:52

Tgt Ion: 152 Resp: 8429
Ion Ratio Lower Upper
152 100
151 19.3 16.3 24.5

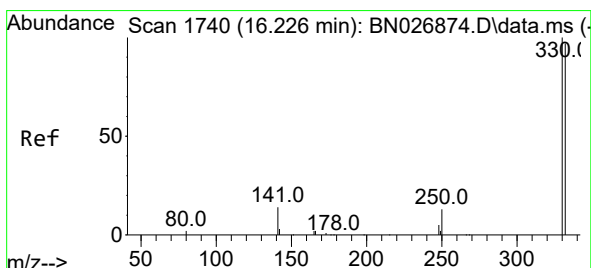
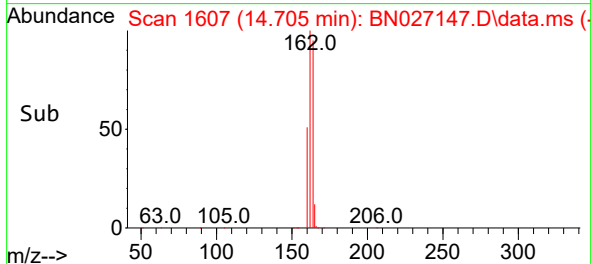
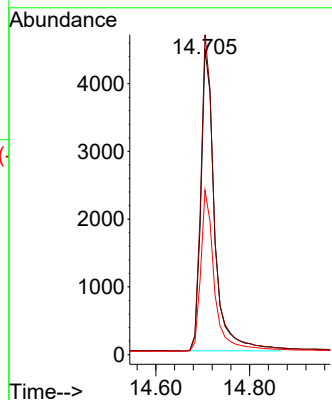
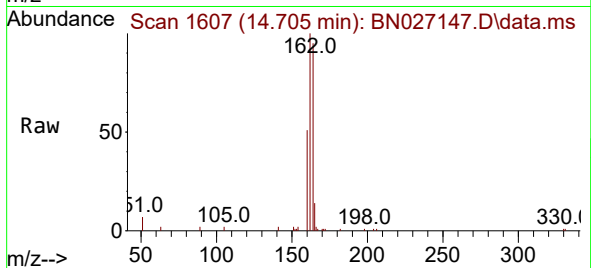




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027147.D
Acq: 26 Aug 2023 09:52

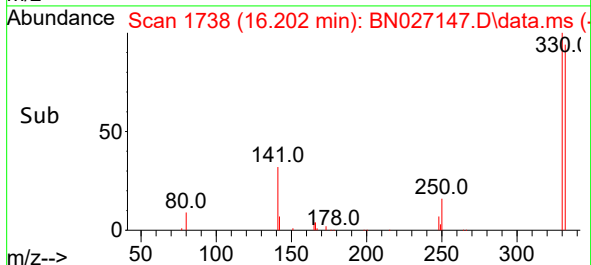
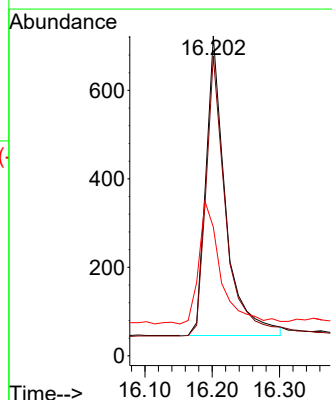
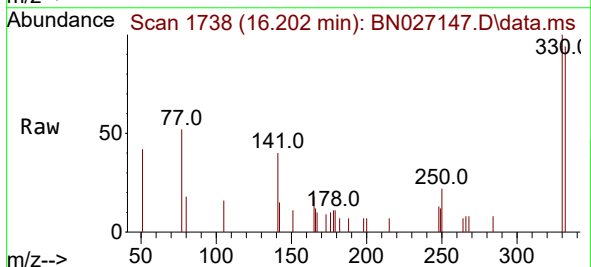
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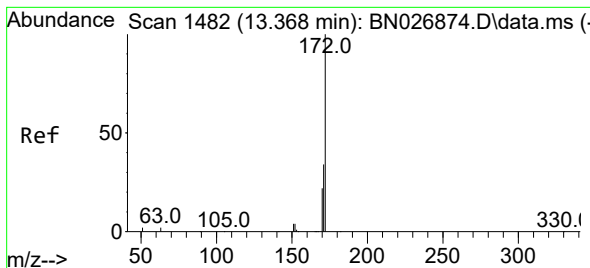
Tgt Ion:164 Resp: 9041
Ion Ratio Lower Upper
164 100
162 104.8 79.7 119.5
160 53.8 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.288 ng
RT: 16.202 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BN027147.D
Acq: 26 Aug 2023 09:52

Tgt Ion:330 Resp: 1387
Ion Ratio Lower Upper
330 100
332 94.2 76.6 114.8
141 42.8 32.3 48.5





#15

2-Fluorobiphenyl

Concen: 0.317 ng

RT: 13.336 min Scan# 1482

Delta R.T. 0.000 min

Lab File: BN027147.D

Acq: 26 Aug 2023 09:52

Instrument :

BNA_N

ClientSampleId :

RE105D2-20230817

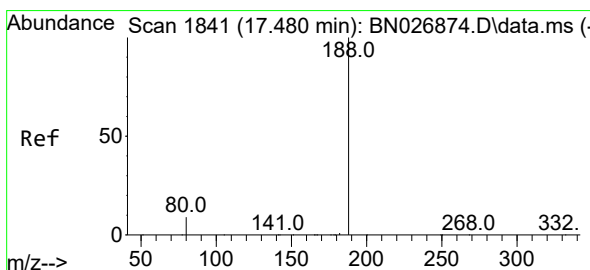
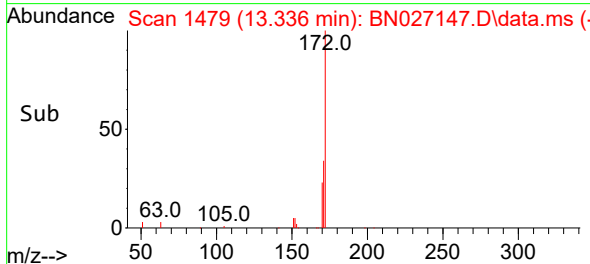
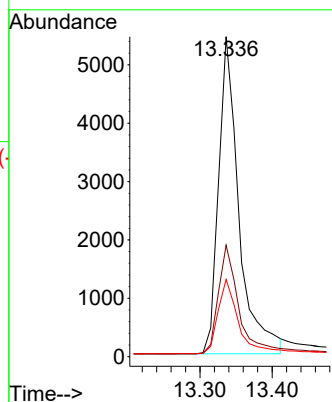
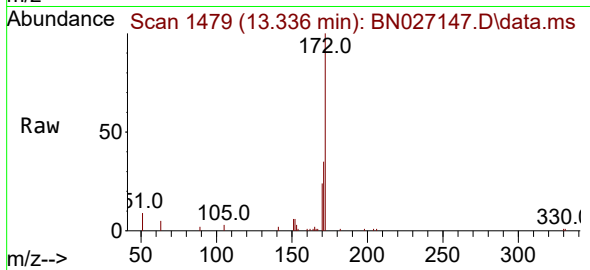
Tgt Ion:172 Resp: 10625

Ion Ratio Lower Upper

172 100

171 34.8 27.4 41.0

170 24.2 18.0 27.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.455 min Scan# 1839

Delta R.T. 0.000 min

Lab File: BN027147.D

Acq: 26 Aug 2023 09:52

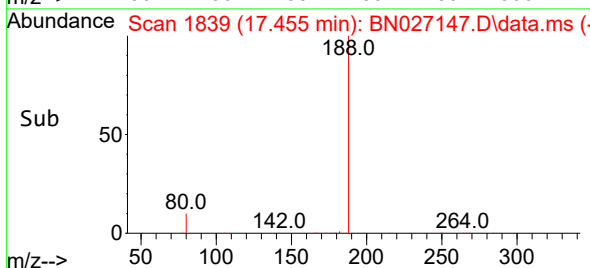
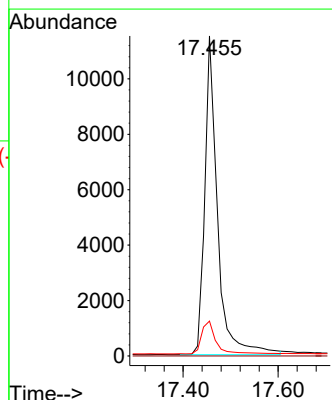
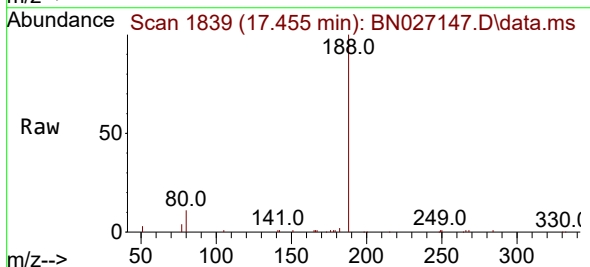
Tgt Ion:188 Resp: 21402

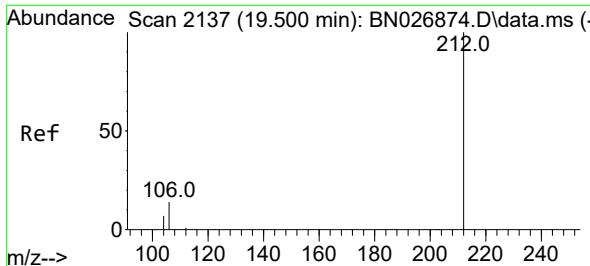
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.9 7.4 11.2

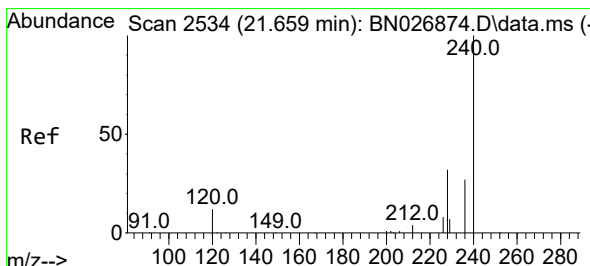
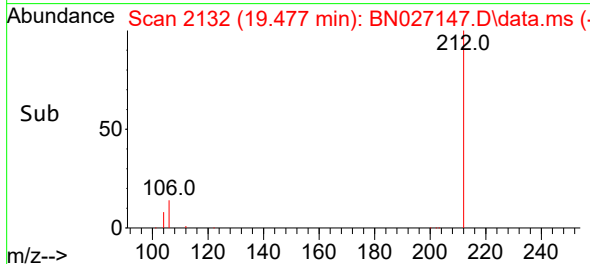
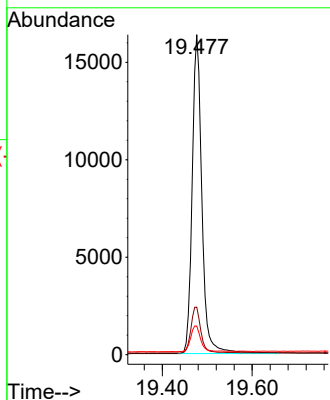
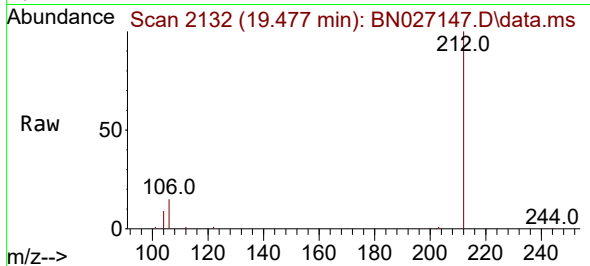




#27
Fluoranthene-d10
Concen: 0.449 ng
RT: 19.477 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BN027147.D
Acq: 26 Aug 2023 09:52

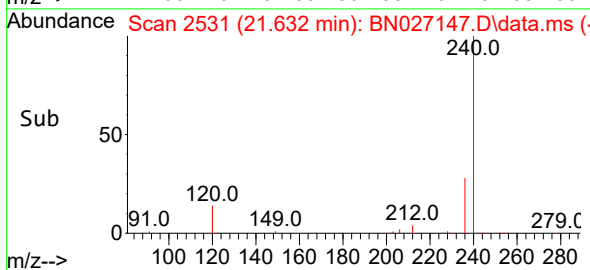
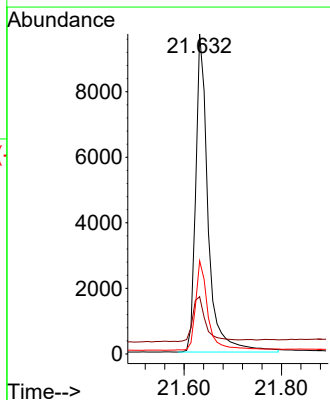
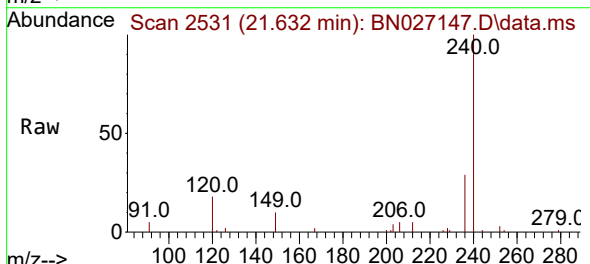
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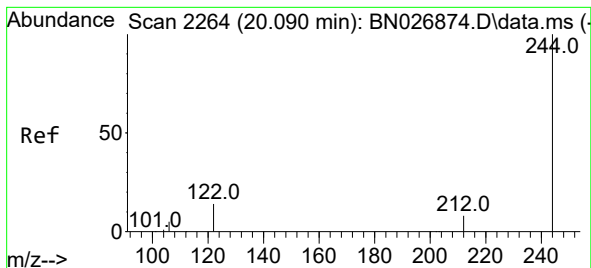
Tgt Ion:212 Resp: 24640
Ion Ratio Lower Upper
212 100
106 14.6 10.9 16.3
104 8.2 5.9 8.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.632 min Scan# 2531
Delta R.T. 0.000 min
Lab File: BN027147.D
Acq: 26 Aug 2023 09:52

Tgt Ion:240 Resp: 17175
Ion Ratio Lower Upper
240 100
120 17.9 11.1 16.7#
236 29.1 22.2 33.2





#31

Terphenyl-d14

Concen: 0.490 ng

RT: 20.062 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027147.D

Acq: 26 Aug 2023 09:52

Instrument :

BNA_N

ClientSampleId :

RE105D2-20230817

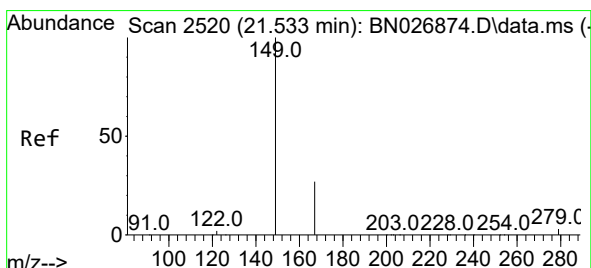
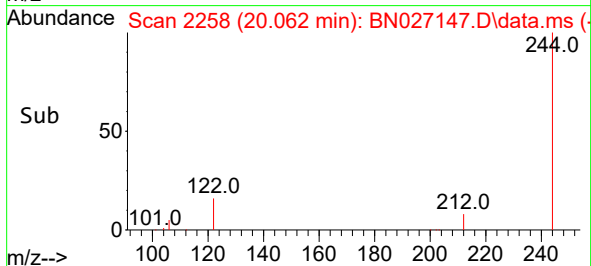
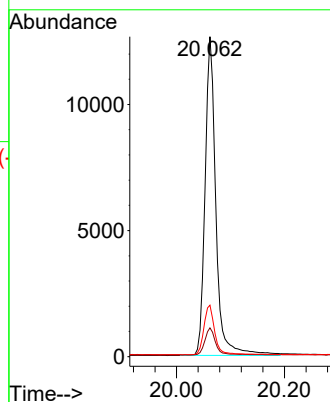
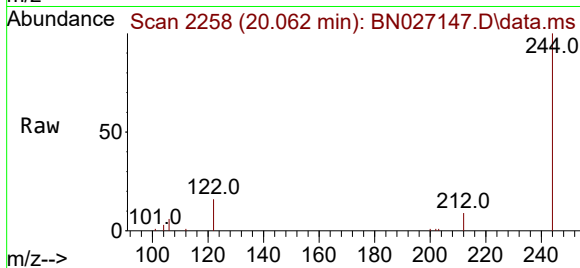
Tgt Ion:244 Resp: 17581

Ion Ratio Lower Upper

244 100

212 9.0 6.9 10.3

122 16.1 11.9 17.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.039 ng

RT: 21.489 min Scan# 2515

Delta R.T. -0.009 min

Lab File: BN027147.D

Acq: 26 Aug 2023 09:52

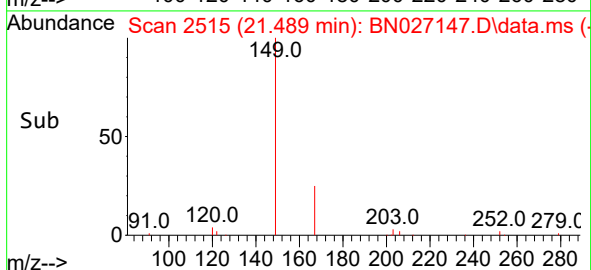
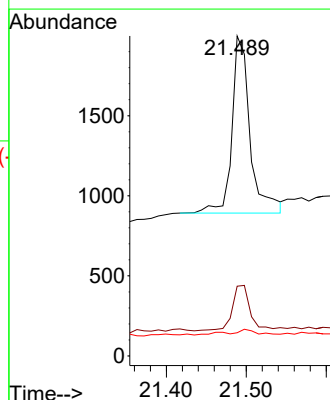
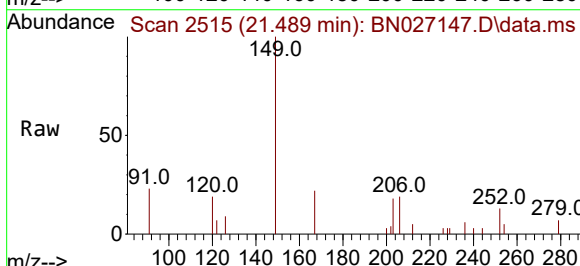
Tgt Ion:149 Resp: 1743

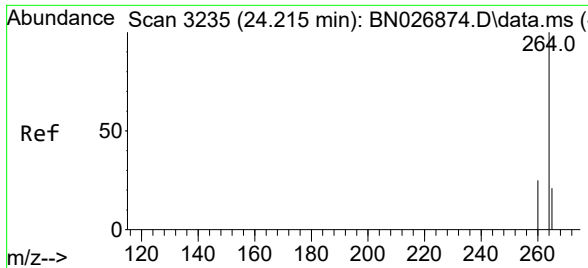
Ion Ratio Lower Upper

149 100

167 25.4 21.4 32.0

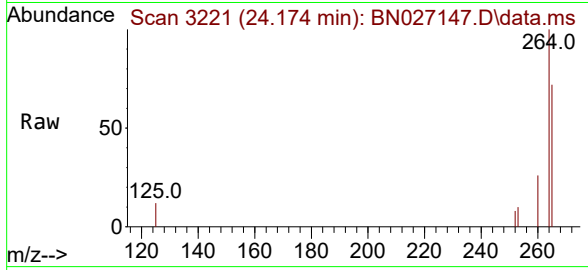
279 2.4 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.174 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BN027147.D
 Acq: 26 Aug 2023 09:52

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20230817



Tgt Ion:264 Resp: 15441
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.4 30.6
 265 71.8 27.0 40.6#

