

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
 Data File : BN027240.D
 Acq On : 29 Aug 2023 14:16
 Operator : MA/JU
 Sample : 04126-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP07-20230819

Quant Time: Aug 30 00:04:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 05:37:30 2023
 Response via : Initial Calibration

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

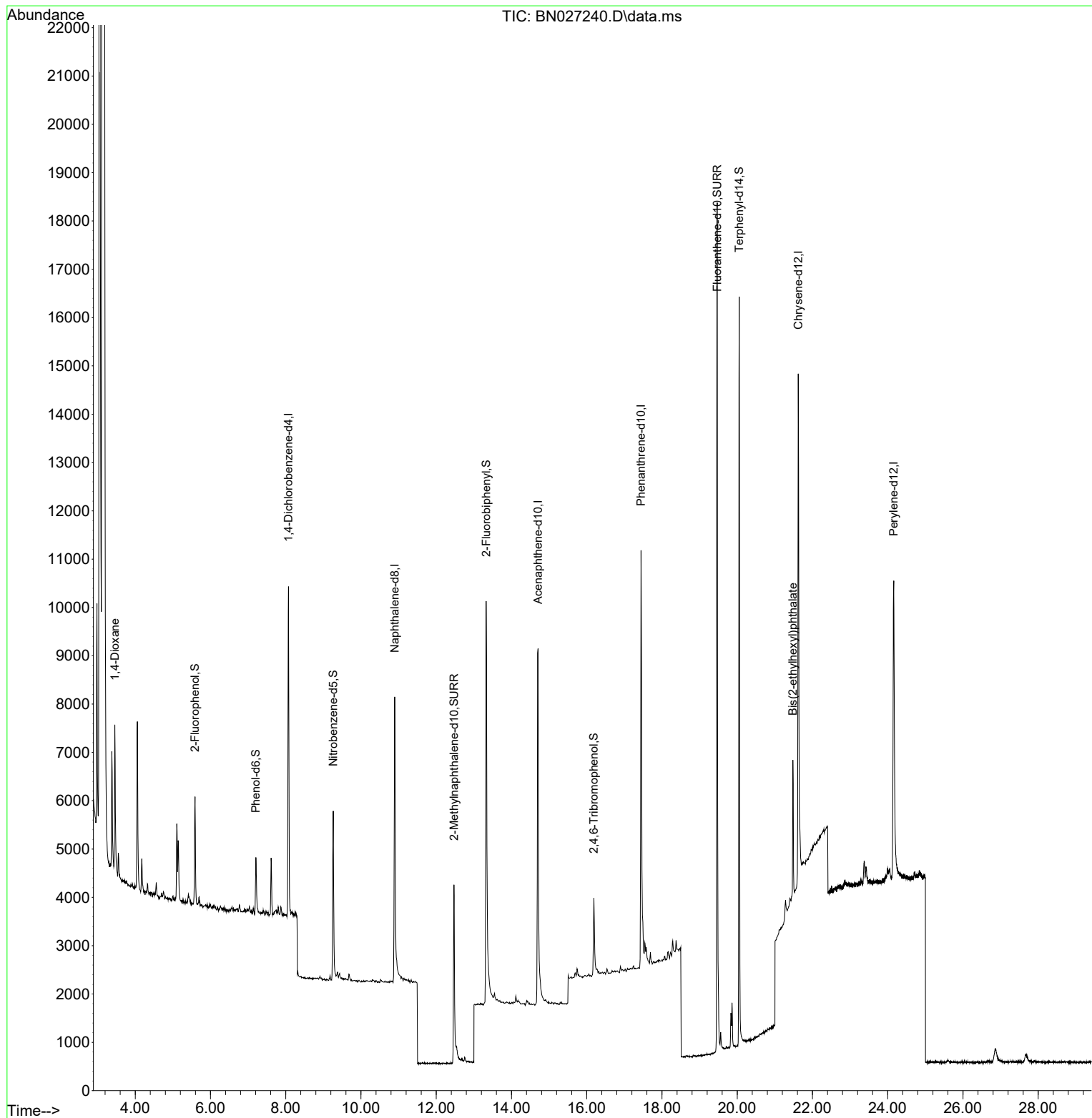
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	3511	0.400	ng	0.00
7) Naphthalene-d8	10.896	136	9613	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	6164	0.400	ng	0.01
19) Phenanthrene-d10	17.443	188	14081	0.400	ng	0.00
29) Chrysene-d12	21.623	240	11714	0.400	ng	0.00
35) Perylene-d12	24.159	264	11325	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	2008	0.219	ng	0.00
5) Phenol-d6	7.207	99	1334	0.120	ng	0.00
8) Nitrobenzene-d5	9.262	82	3313	0.473	ng	0.00
11) 2-Methylnaphthalene-d10	12.472	152	6833	0.484	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	1140	0.500	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	10349	0.442	ng	0.00
27) Fluoranthene-d10	19.467	212	21008	0.600	ng	0.00
31) Terphenyl-d14	20.053	244	15585	0.662	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	2242	0.523	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.480	149	2866	0.148	ng	99

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

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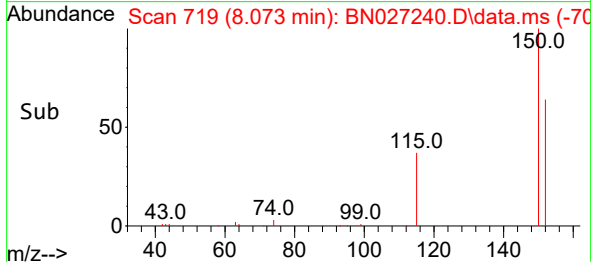
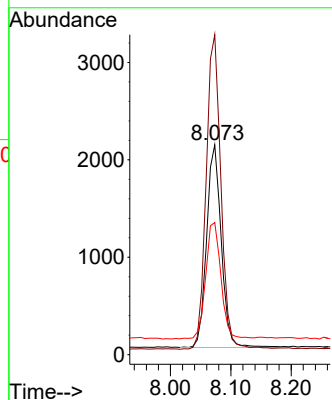
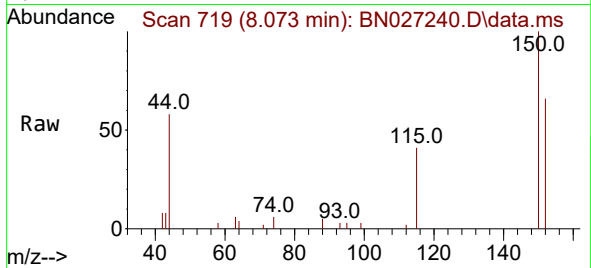




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.073 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: BN027240.D
 Acq: 29 Aug 2023 14:16

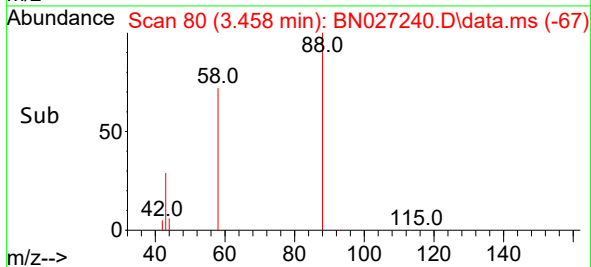
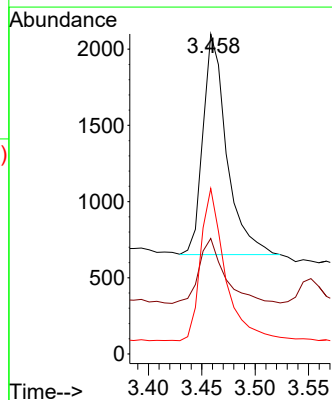
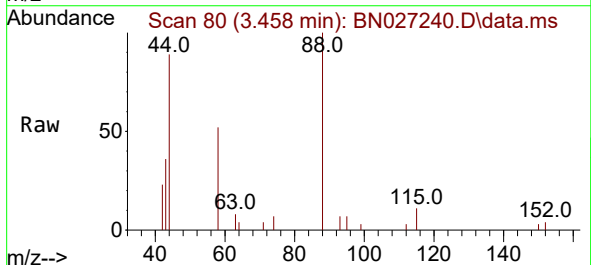
Instrument :
 BNA_N
 ClientSampleId :
 DUP07-20230819

Tgt Ion:152 Resp: 3511
 Ion Ratio Lower Upper
 152 100
 150 152.4 122.7 184.1
 115 62.9 48.6 73.0



#2
 1,4-Dioxane
 Concen: 0.523 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: BN027240.D
 Acq: 29 Aug 2023 14:16

Tgt Ion: 88 Resp: 2242
 Ion Ratio Lower Upper
 88 100
 43 32.0 19.1 28.7#
 58 71.3 52.2 78.2

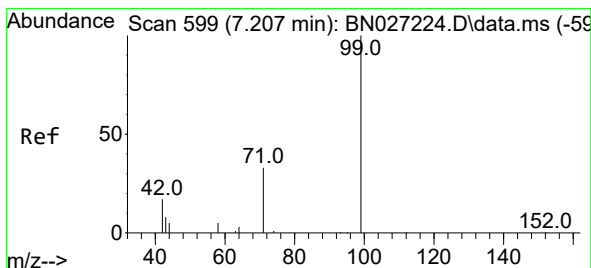
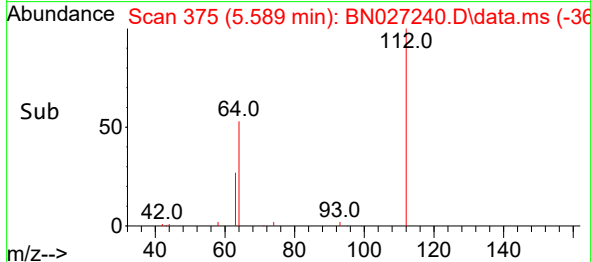
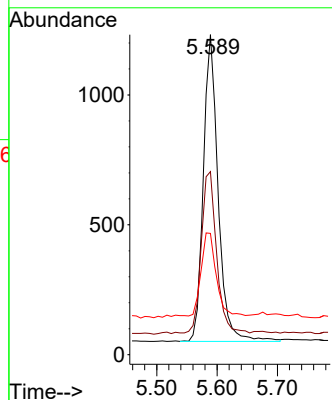
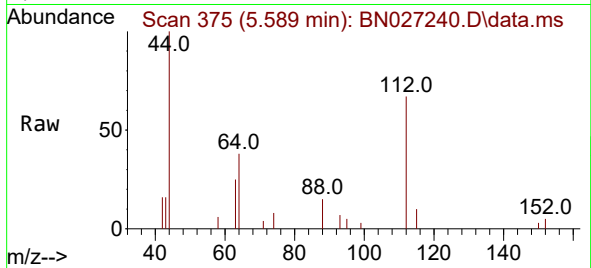




#4
2-Fluorophenol
Concen: 0.219 ng
RT: 5.589 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027240.D
Acq: 29 Aug 2023 14:16

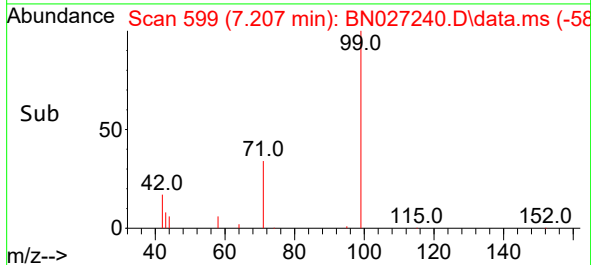
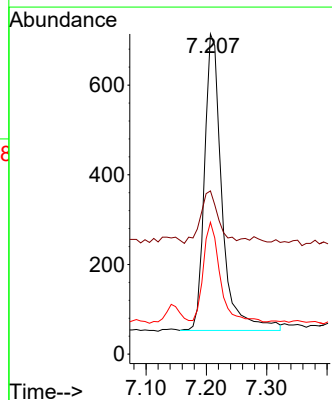
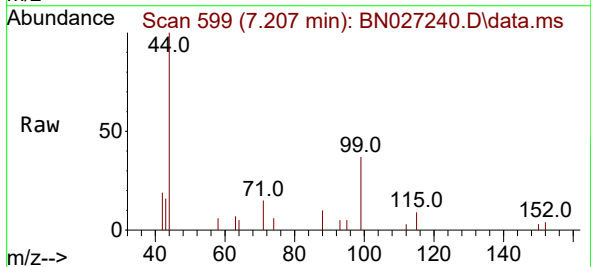
Instrument :
BNA_N
ClientSampleId :
DUP07-20230819

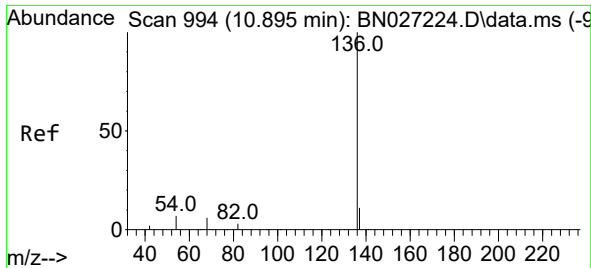
Tgt Ion: 112 Resp: 2008
Ion Ratio Lower Upper
112 100
64 53.7 44.4 66.6
63 27.8 23.1 34.7



#5
Phenol-d6
Concen: 0.120 ng
RT: 7.207 min Scan# 599
Delta R.T. 0.000 min
Lab File: BN027240.D
Acq: 29 Aug 2023 14:16

Tgt Ion: 99 Resp: 1334
Ion Ratio Lower Upper
99 100
42 17.8 14.5 21.7
71 31.6 25.8 38.6

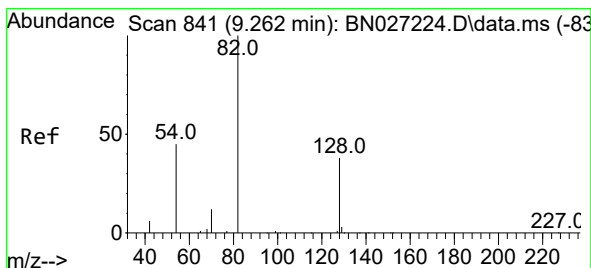
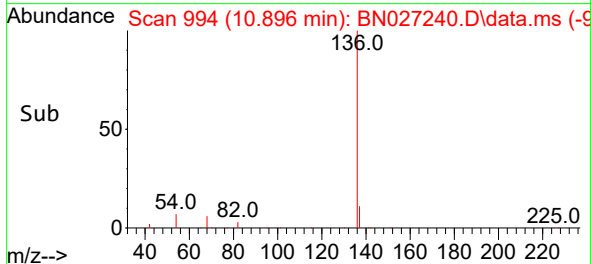
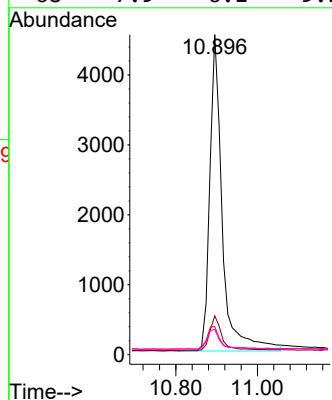
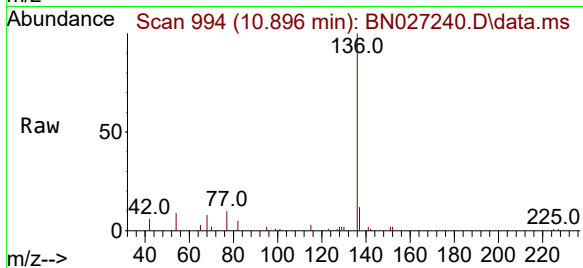




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.896 min Scan# 994
Delta R.T. 0.000 min
Lab File: BN027240.D
Acq: 29 Aug 2023 14:16

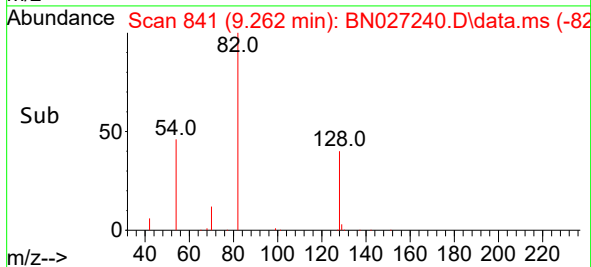
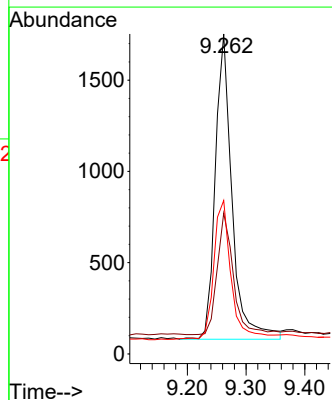
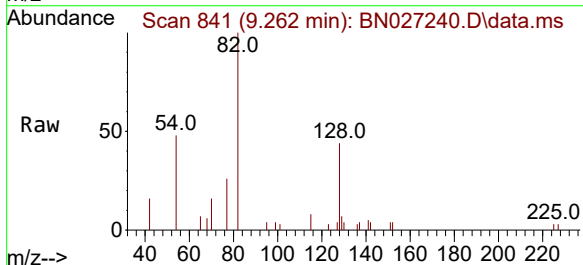
Instrument :
BNA_N
ClientSampleId :
DUP07-20230819

Tgt Ion:	136	Resp:	9613
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.3	13.9
54	8.8	6.7	10.1
68	7.9	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.473 ng
RT: 9.262 min Scan# 841
Delta R.T. 0.000 min
Lab File: BN027240.D
Acq: 29 Aug 2023 14:16

Tgt Ion:	82	Resp:	3313
Ion	Ratio	Lower	Upper
82	100		
128	44.0	33.4	50.0
54	47.9	37.7	56.5

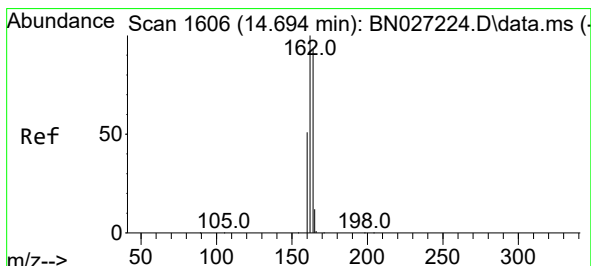
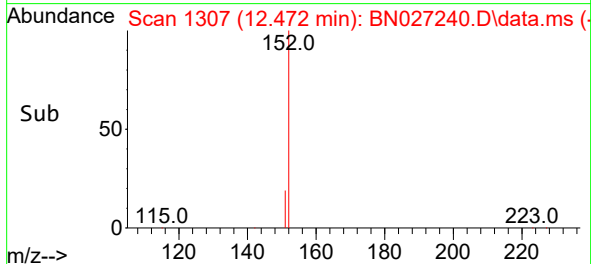
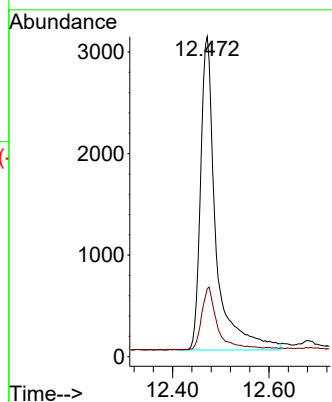
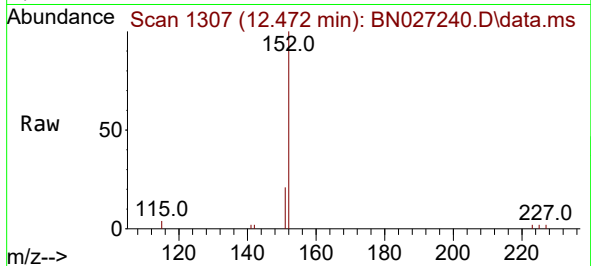




#11
2-Methylnaphthalene-d10
Concen: 0.484 ng
RT: 12.472 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027240.D
Acq: 29 Aug 2023 14:16

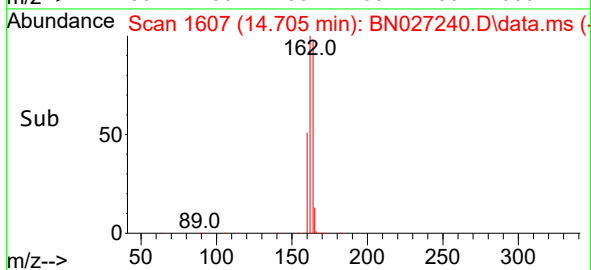
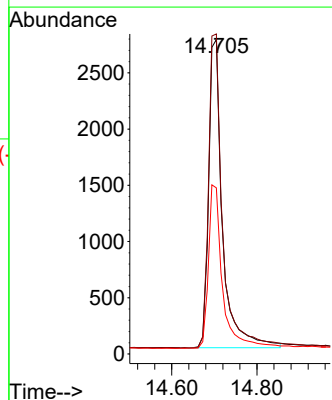
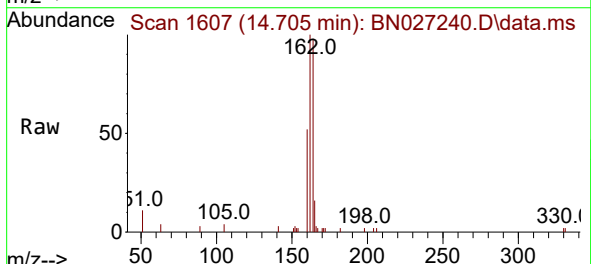
Instrument :
BNA_N
ClientSampleId :
DUP07-20230819

Tgt Ion:152 Resp: 6833
Ion Ratio Lower Upper
152 100
151 19.5 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1607
Delta R.T. 0.011 min
Lab File: BN027240.D
Acq: 29 Aug 2023 14:16

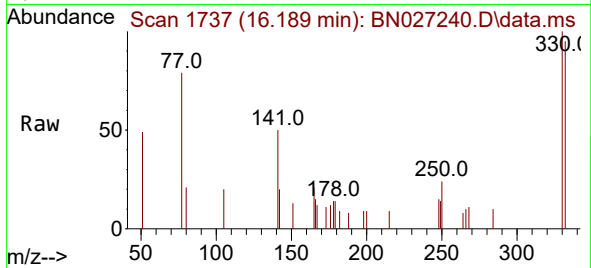
Tgt Ion:164 Resp: 6164
Ion Ratio Lower Upper
164 100
162 101.8 85.8 128.8
160 52.9 44.2 66.2



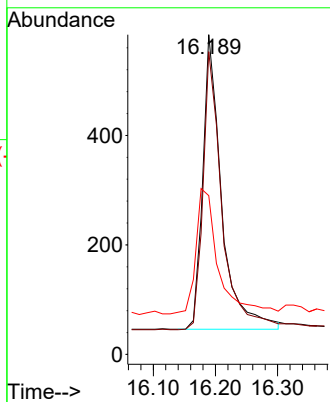
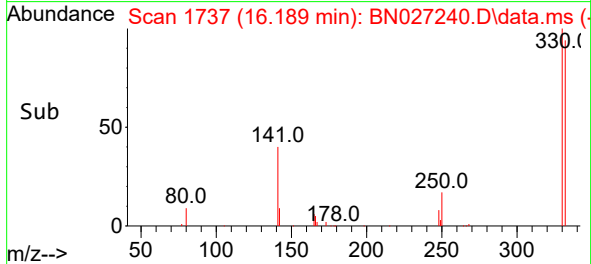


#14
2,4,6-Tribromophenol
Concen: 0.500 ng
RT: 16.189 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN027240.D
Acq: 29 Aug 2023 14:16

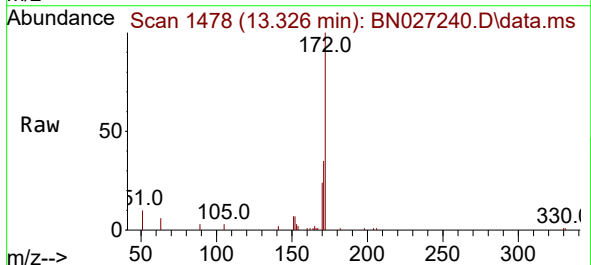
Instrument :
BNA_N
ClientSampleId :
DUP07-20230819



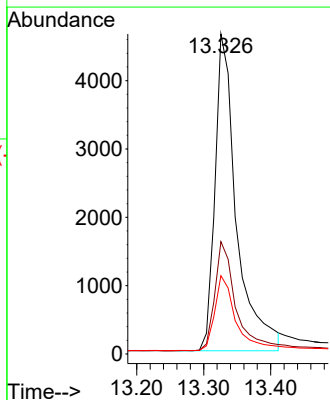
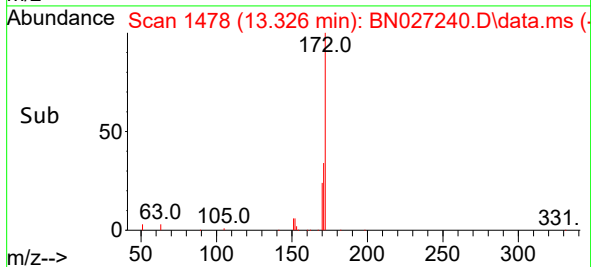
Tgt Ion:330 Resp: 1140
Ion Ratio Lower Upper
330 100
332 94.8 75.2 112.8
141 50.1 36.2 54.4

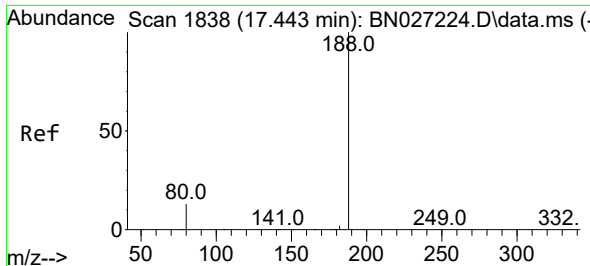


#15
2-Fluorobiphenyl
Concen: 0.442 ng
RT: 13.326 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN027240.D
Acq: 29 Aug 2023 14:16



Tgt Ion:172 Resp: 10349
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 24.5 19.3 28.9

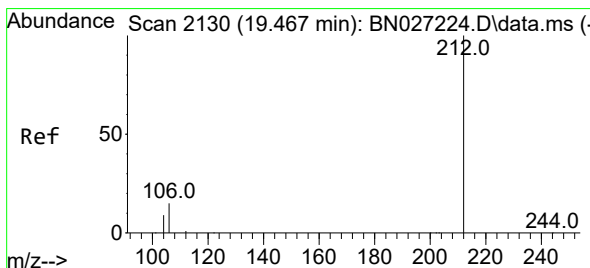
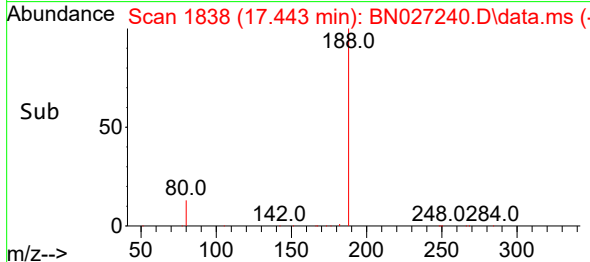
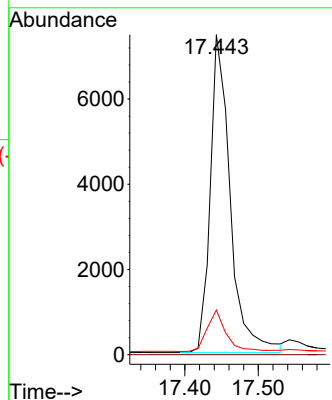
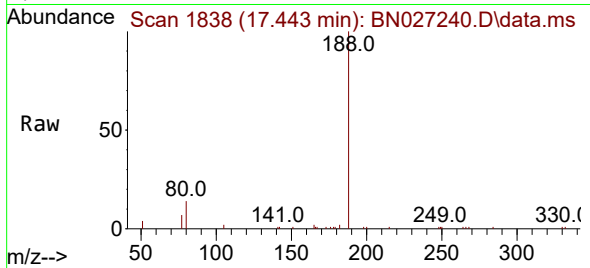




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BN027240.D
Acq: 29 Aug 2023 14:16

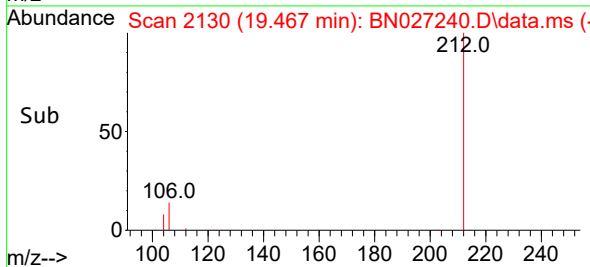
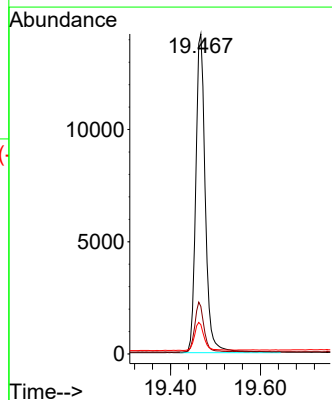
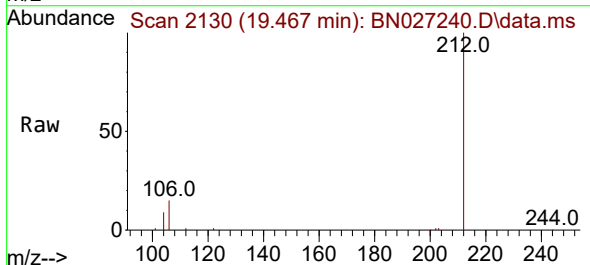
Instrument :
BNA_N
ClientSampleId :
DUP07-20230819

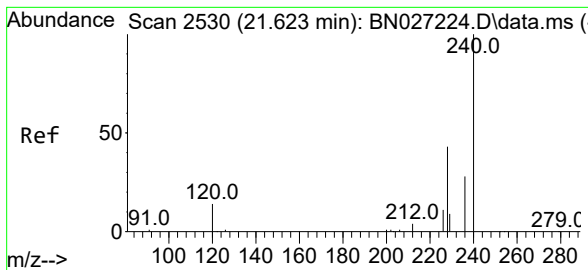
Tgt Ion:188 Resp: 14081
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 11.0 16.6



#27
Fluoranthene-d10
Concen: 0.600 ng
RT: 19.467 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BN027240.D
Acq: 29 Aug 2023 14:16

Tgt Ion:212 Resp: 21008
Ion Ratio Lower Upper
212 100
106 15.1 12.1 18.1
104 8.7 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.623 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027240.D

Acq: 29 Aug 2023 14:16

Instrument :

BNA_N

ClientSampleId :

DUP07-20230819

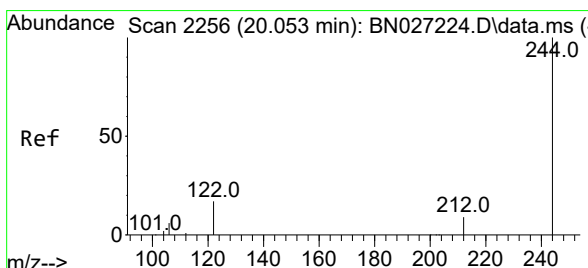
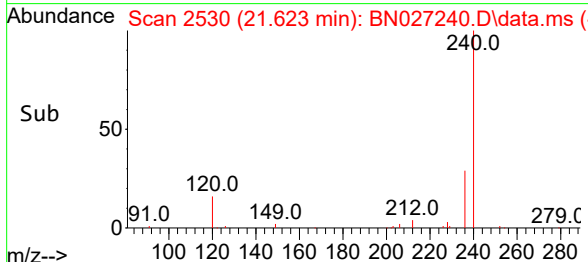
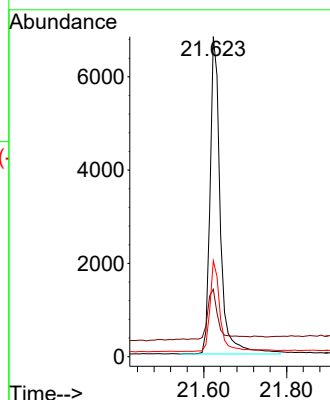
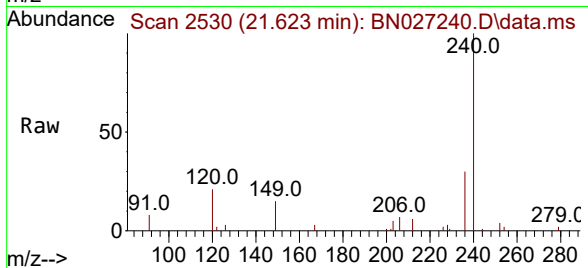
Tgt Ion:240 Resp: 11714

Ion Ratio Lower Upper

240 100

120 21.0 14.2 21.4

236 29.9 22.9 34.3



#31

Terphenyl-d14

Concen: 0.662 ng

RT: 20.053 min Scan# 2256

Delta R.T. 0.000 min

Lab File: BN027240.D

Acq: 29 Aug 2023 14:16

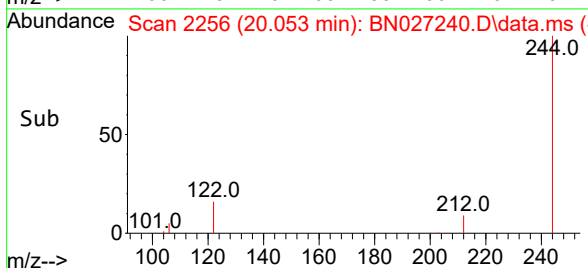
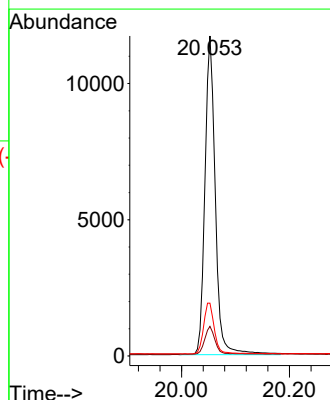
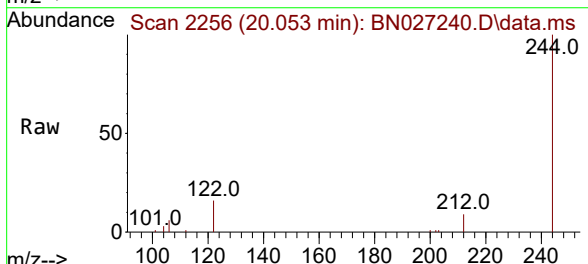
Tgt Ion:244 Resp: 15585

Ion Ratio Lower Upper

244 100

212 9.3 7.5 11.3

122 16.5 14.0 21.0

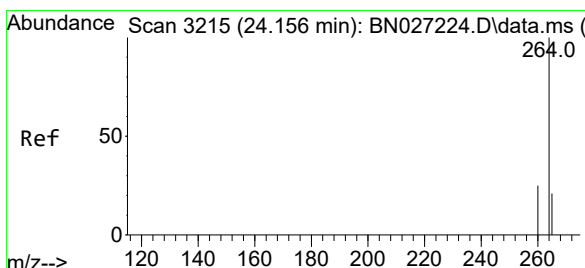
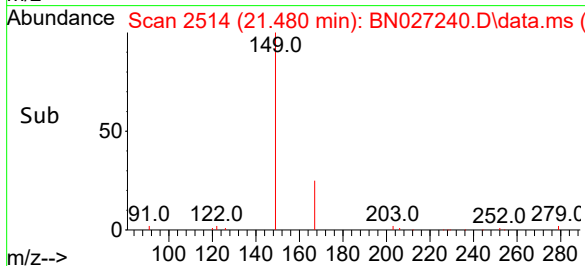
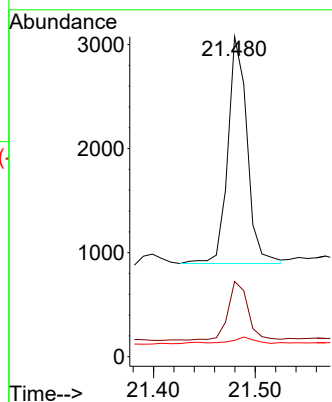
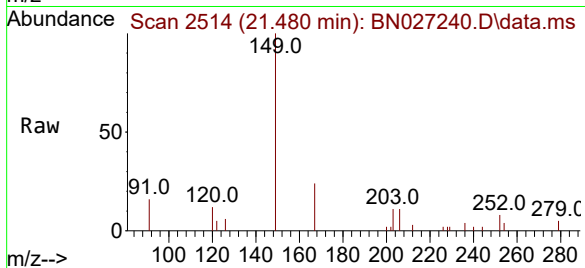




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.148 ng
 RT: 21.480 min Scan# 2148
 Delta R.T. 0.000 min
 Lab File: BN027240.D
 Acq: 29 Aug 2023 14:16

Instrument :
 BNA_N
 ClientSampleId :
 DUP07-20230819

Tgt Ion:149 Resp: 2866
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.1 33.1
 279 3.1 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.159 min Scan# 3216
 Delta R.T. 0.003 min
 Lab File: BN027240.D
 Acq: 29 Aug 2023 14:16

Tgt Ion:264 Resp: 11325
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.7 31.1
 265 82.7 53.3 79.9#

