

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027169.D
 Acq On : 27 Aug 2023 00:36
 Operator : MA/JU
 Sample : 04051-20
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20230816

Quant Time: Aug 27 01:23:05 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)

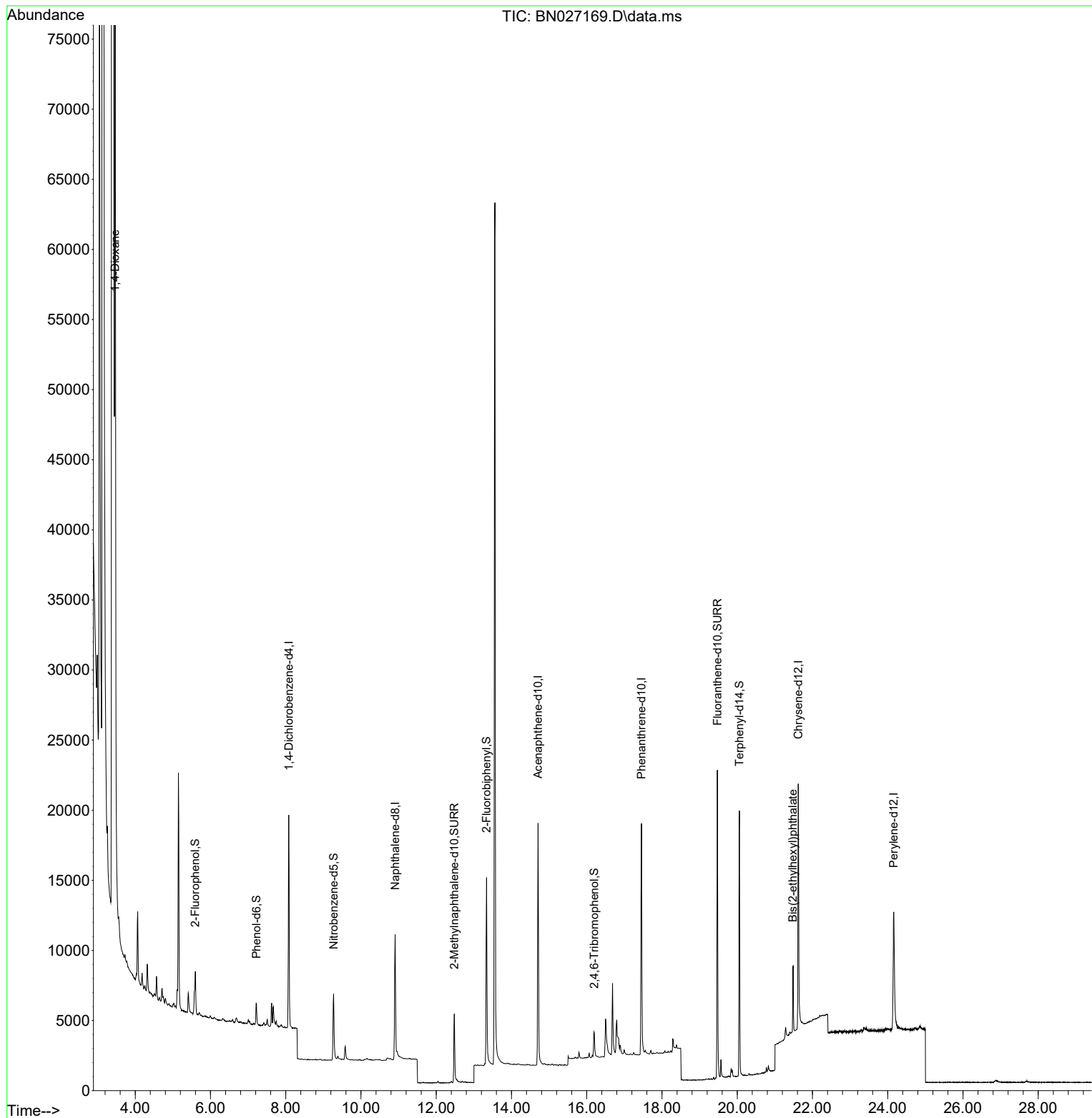
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.080	152	6819	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	13881	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	10392	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	24026	0.400	ng	0.00
29) Chrysene-d12	21.623	240	18314	0.400	ng	# 0.00
35) Perylene-d12	24.159	264	15548	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2428	0.126	ng	0.00
5) Phenol-d6	7.221	99	1700	0.072	ng	0.00
8) Nitrobenzene-d5	9.272	82	4303	0.367	ng	0.00
11) 2-Methylnaphthalene-d10	12.479	152	8041	0.364	ng	0.00
14) 2,4,6-Tribromophenol	16.201	330	1303	0.236	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	12870	0.334	ng	0.00
27) Fluoranthene-d10	19.472	212	24040	0.390	ng	0.00
31) Terphenyl-d14	20.057	244	18968	0.496	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.465	88	54463	7.427	ng	97
34) Bis(2-ethylhexyl)phtha...	21.479	149	5151	0.108	ng	98

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

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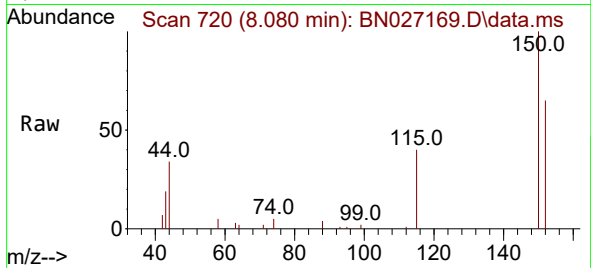
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



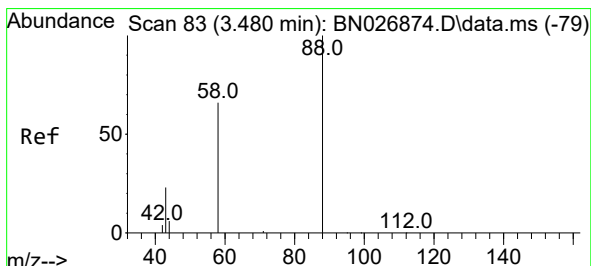
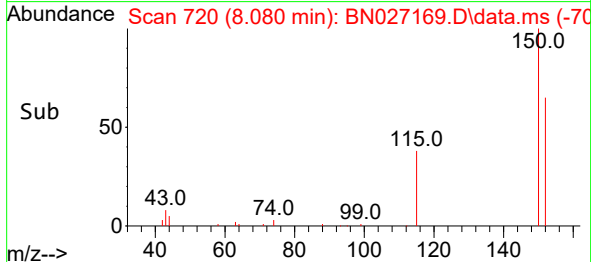
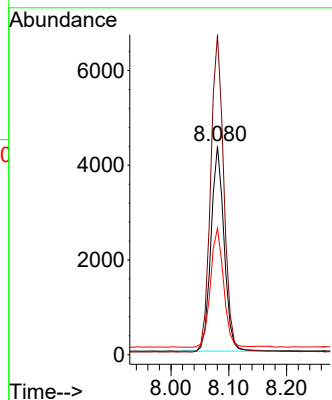


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.080 min Scan# 71
Delta R.T. -0.008 min
Lab File: BN027169.D
Acq: 27 Aug 2023 00:36

Instrument :
BNA_N
ClientSampleId :
RE120D1-20230816

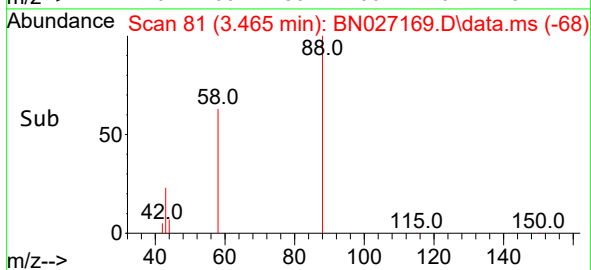
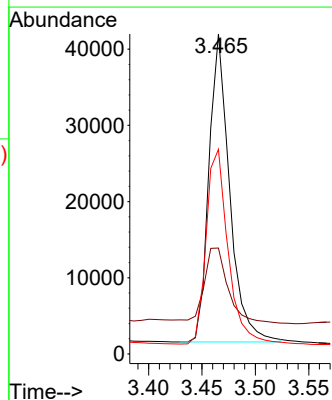
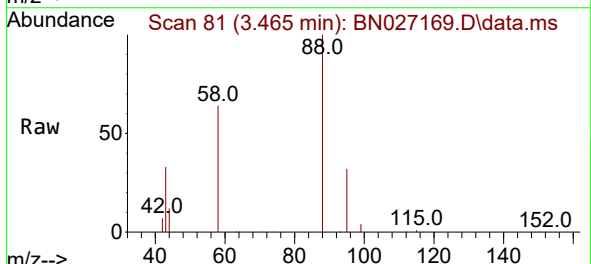


Tgt Ion:152 Resp: 6819
Ion Ratio Lower Upper
152 100
150 153.4 123.8 185.6
115 60.6 49.7 74.5



#2
1,4-Dioxane
Concen: 7.427 ng
RT: 3.465 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN027169.D
Acq: 27 Aug 2023 00:36

Tgt Ion: 88 Resp: 54463
Ion Ratio Lower Upper
88 100
43 28.3 19.2 28.8
58 67.2 54.5 81.7

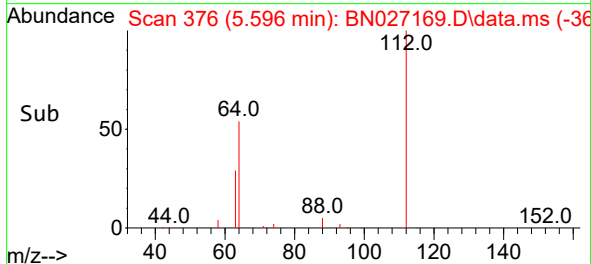
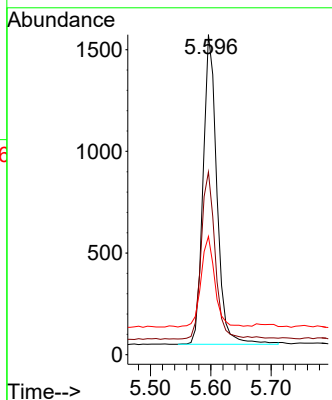
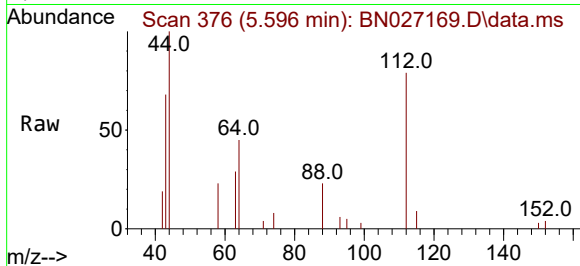




#4
2-Fluorophenol
Concen: 0.126 ng
RT: 5.596 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027169.D
Acq: 27 Aug 2023 00:36

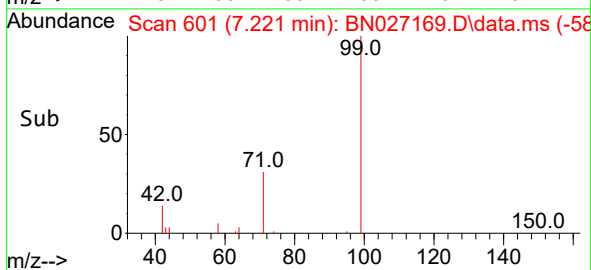
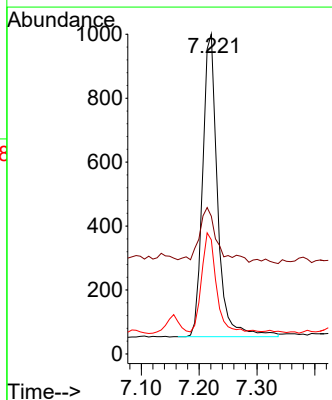
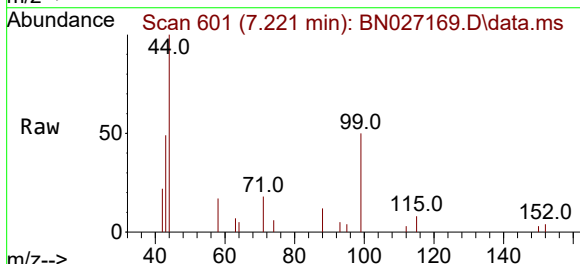
Instrument :
BNA_N
ClientSampleId :
RE120D1-20230816

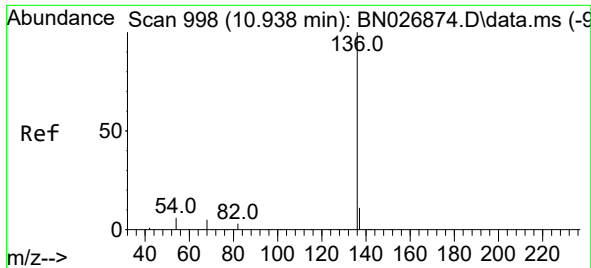
Tgt Ion:112 Resp: 2428
Ion Ratio Lower Upper
112 100
64 54.1 41.5 62.3
63 29.2 21.7 32.5



#5
Phenol-d6
Concen: 0.072 ng
RT: 7.221 min Scan# 601
Delta R.T. -0.000 min
Lab File: BN027169.D
Acq: 27 Aug 2023 00:36

Tgt Ion: 99 Resp: 1700
Ion Ratio Lower Upper
99 100
42 17.5 13.6 20.4
71 31.8 26.0 39.0

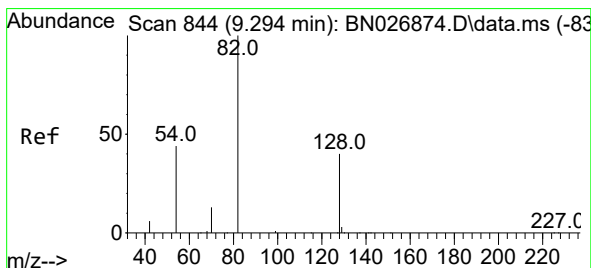
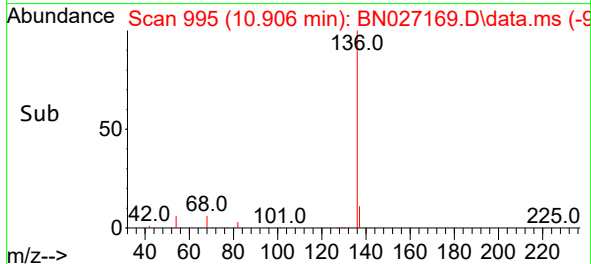
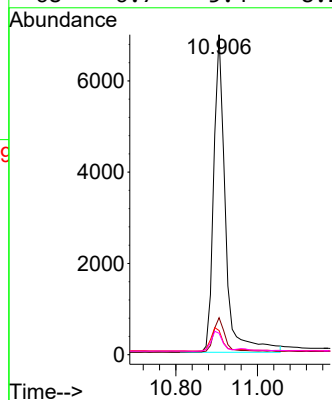
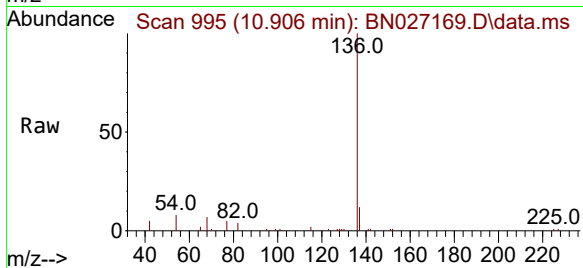




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN027169.D
Acq: 27 Aug 2023 00:36

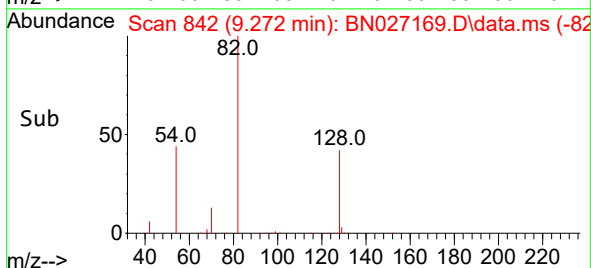
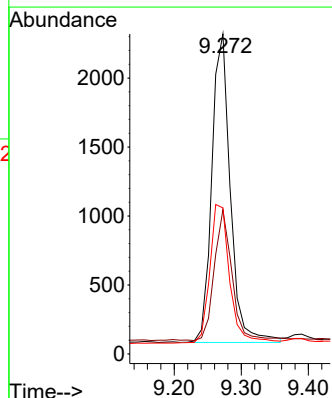
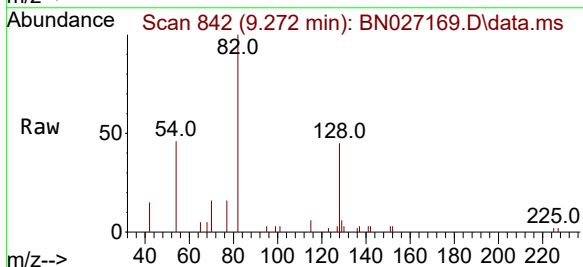
Instrument :
BNA_N
ClientSampleId :
RE120D1-20230816

Tgt Ion:	136	Resp:	13881
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	7.5	5.5	8.3
68	6.7	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 9.272 min Scan# 842
Delta R.T. 0.000 min
Lab File: BN027169.D
Acq: 27 Aug 2023 00:36

Tgt Ion:	82	Resp:	4303
Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.1	51.1
54	45.6	37.0	55.4

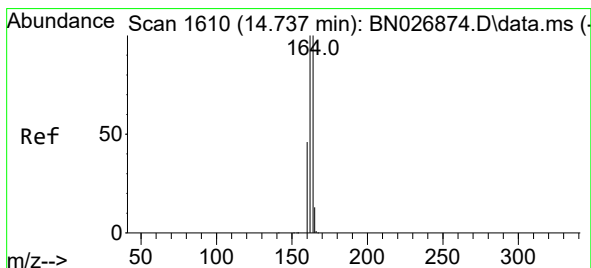
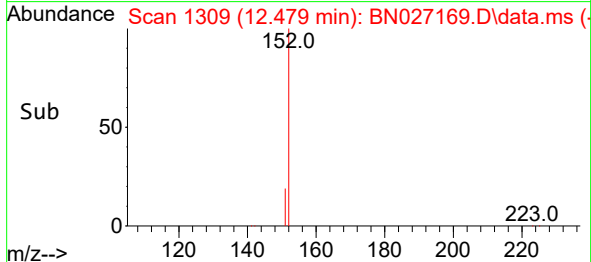
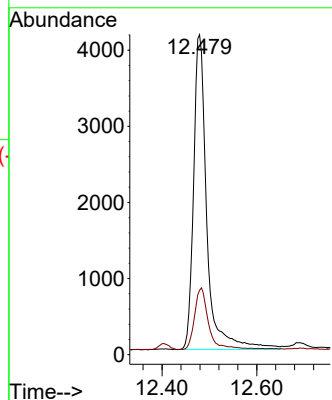
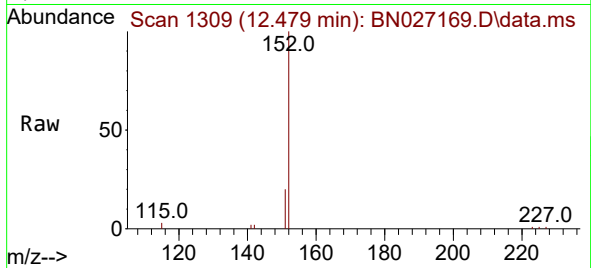




#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 12.479 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027169.D
Acq: 27 Aug 2023 00:36

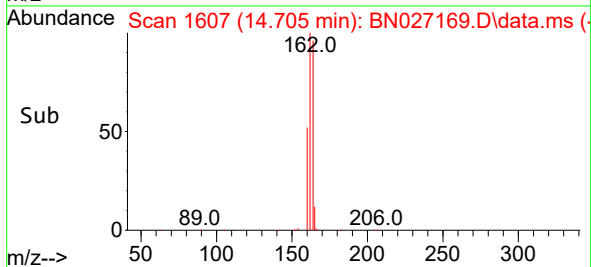
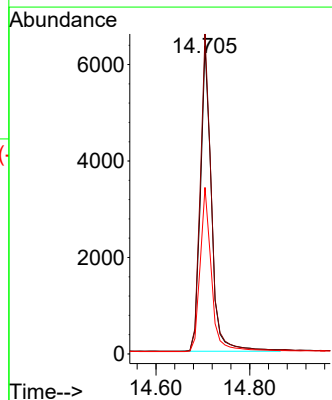
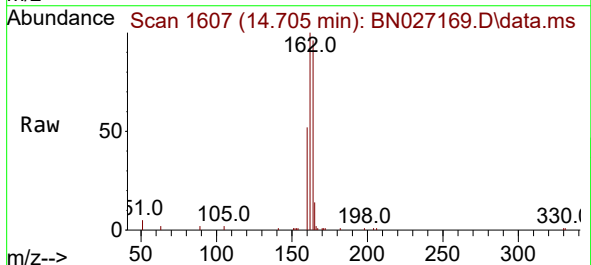
Instrument :
BNA_N
ClientSampleId :
RE120D1-20230816

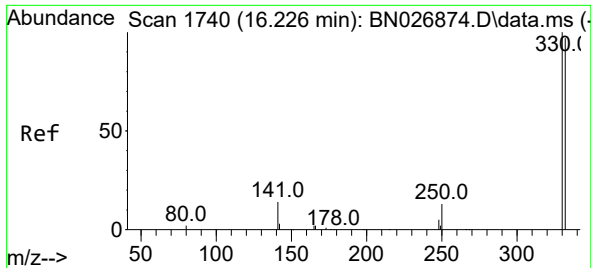
Tgt Ion:152 Resp: 8041
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BN027169.D
Acq: 27 Aug 2023 00:36

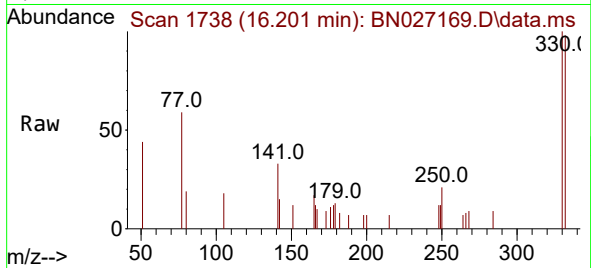
Tgt Ion:164 Resp: 10392
Ion Ratio Lower Upper
164 100
162 103.9 79.7 119.5
160 54.1 37.4 56.0



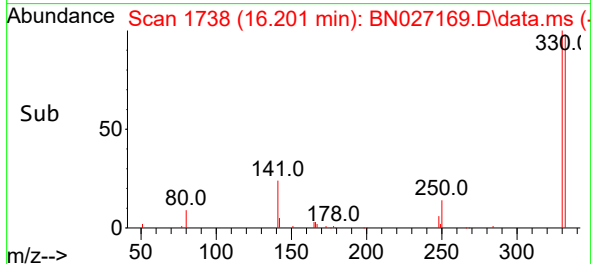
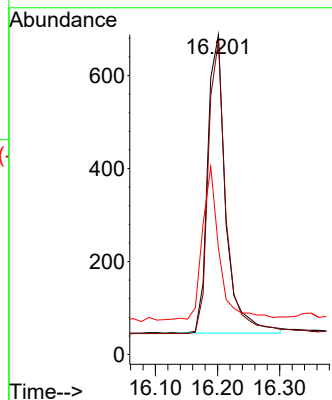


#14
2,4,6-Tribromophenol
Concen: 0.236 ng
RT: 16.201 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027169.D
Acq: 27 Aug 2023 00:36

Instrument :
BNA_N
ClientSampleId :
RE120D1-20230816

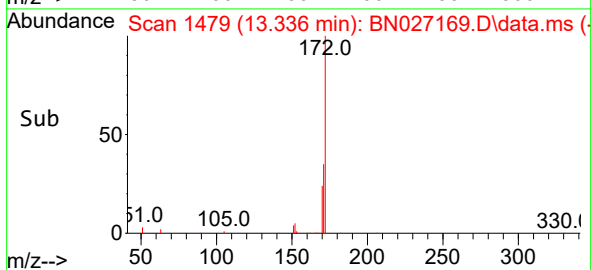
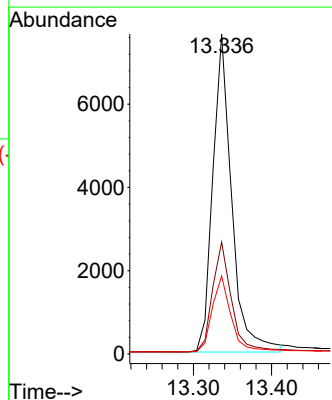
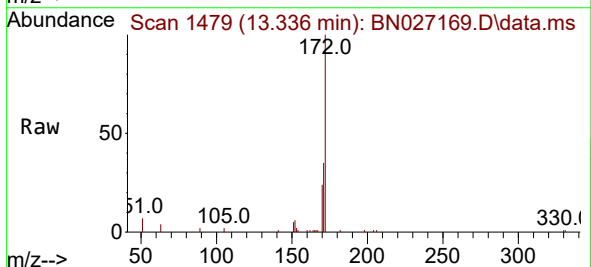


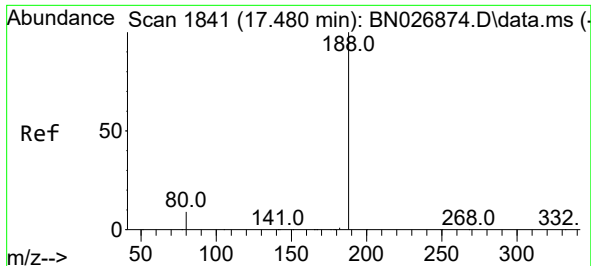
Tgt Ion:330 Resp: 1303
Ion Ratio Lower Upper
330 100
332 96.3 76.6 114.8
141 47.2 32.3 48.5



#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 13.336 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BN027169.D
Acq: 27 Aug 2023 00:36

Tgt Ion:172 Resp: 12870
Ion Ratio Lower Upper
172 100
171 34.9 27.4 41.0
170 24.3 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: BN027169.D

Acq: 27 Aug 2023 00:36

Instrument :

BNA_N

ClientSampleId :

RE120D1-20230816

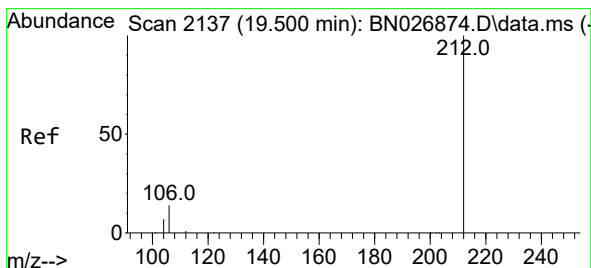
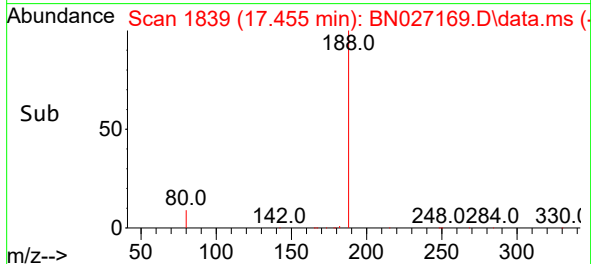
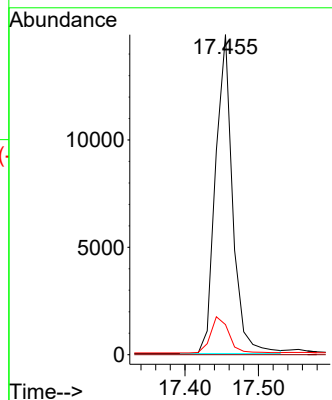
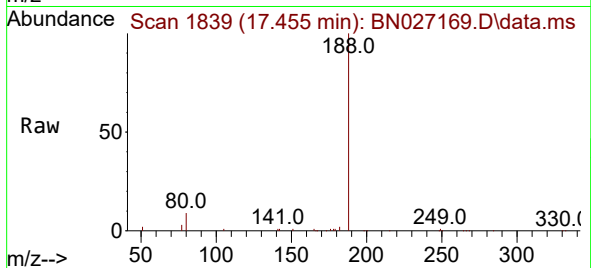
Tgt Ion:188 Resp: 24026

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.4 7.4 11.2



#27

Fluoranthene-d10

Concen: 0.390 ng

RT: 19.472 min Scan# 2131

Delta R.T. -0.005 min

Lab File: BN027169.D

Acq: 27 Aug 2023 00:36

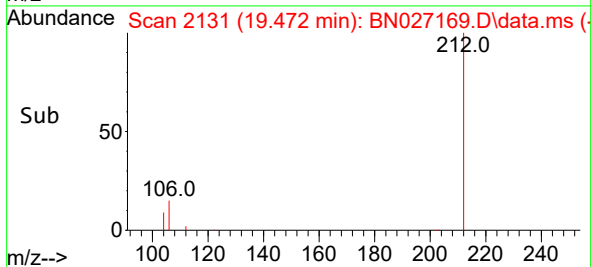
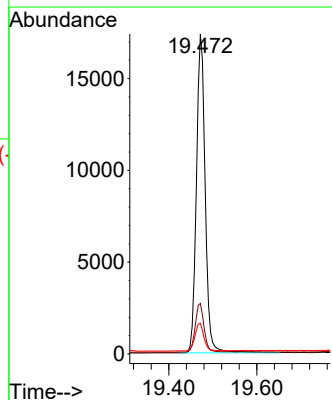
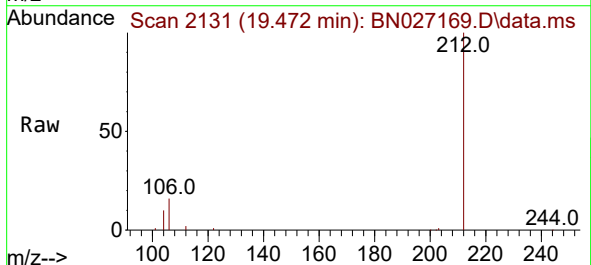
Tgt Ion:212 Resp: 24040

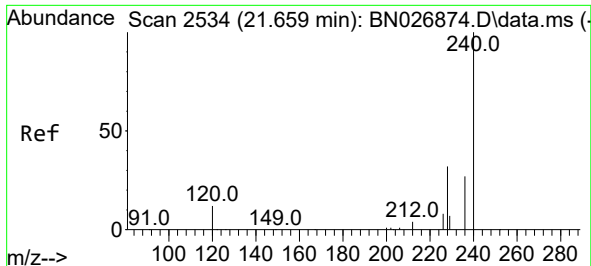
Ion Ratio Lower Upper

212 100

106 15.5 10.9 16.3

104 9.1 5.9 8.9#

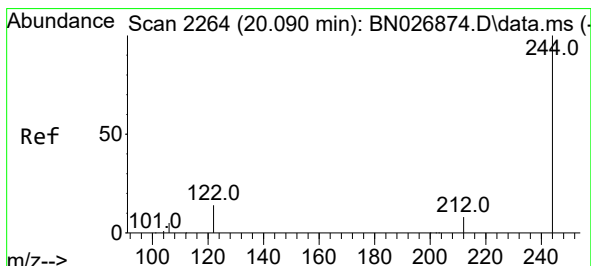
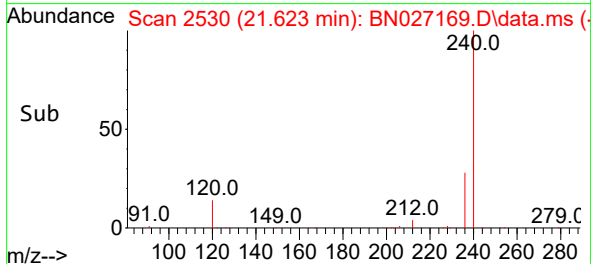
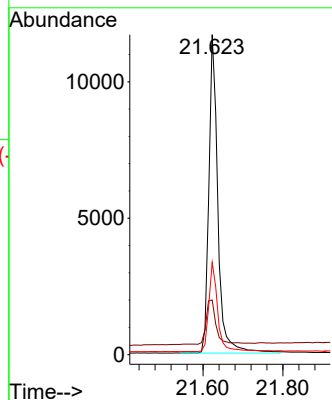
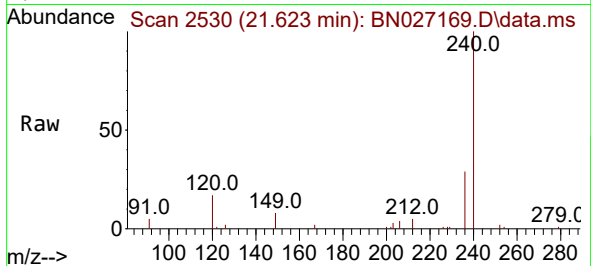




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN027169.D
Acq: 27 Aug 2023 00:36

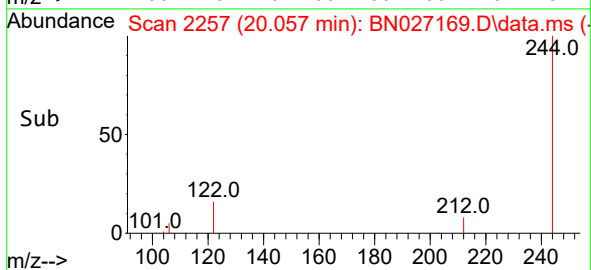
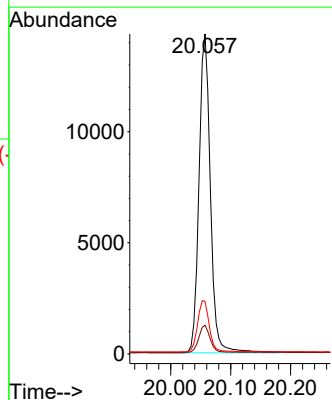
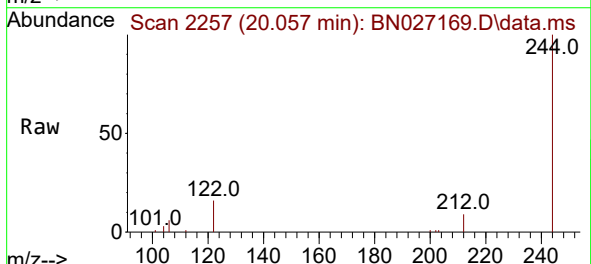
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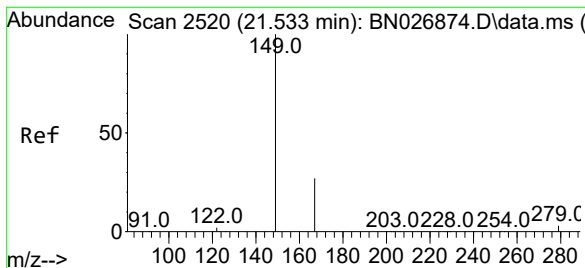
Tgt Ion:240 Resp: 18314
Ion Ratio Lower Upper
240 100
120 17.1 11.1 16.7#
236 28.8 22.2 33.2



#31
Terphenyl-d14
Concen: 0.496 ng
RT: 20.057 min Scan# 2257
Delta R.T. -0.005 min
Lab File: BN027169.D
Acq: 27 Aug 2023 00:36

Tgt Ion:244 Resp: 18968
Ion Ratio Lower Upper
244 100
212 8.9 6.9 10.3
122 16.4 11.9 17.9

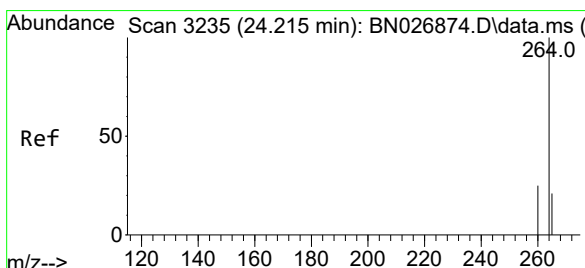
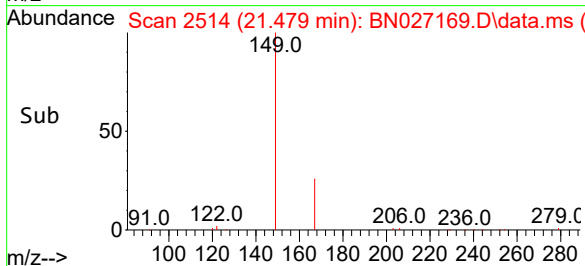
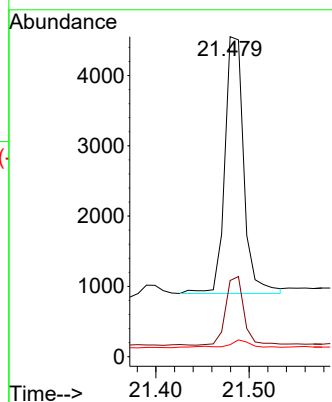
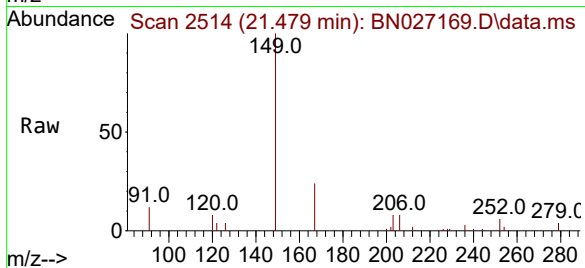




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.108 ng
RT: 21.479 min Scan# 2149
Delta R.T. -0.018 min
Lab File: BN027169.D
Acq: 27 Aug 2023 00:36

Instrument :
BNA_N
ClientSampleId :
RE120D1-20230816

Tgt Ion:149 Resp: 5151
Ion Ratio Lower Upper
149 100
167 25.8 21.4 32.0
279 3.7 3.6 5.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.159 min Scan# 3216
Delta R.T. -0.012 min
Lab File: BN027169.D
Acq: 27 Aug 2023 00:36

Tgt Ion:264 Resp: 15548
Ion Ratio Lower Upper
264 100
260 25.8 20.4 30.6
265 65.7 27.0 40.6#

