

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027289.D
 Acq On : 31 Aug 2023 00:51
 Operator : MA/JU
 Sample : 04095-18DL 2X
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20230818DL

Quant Time: Aug 31 04:31:05 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)

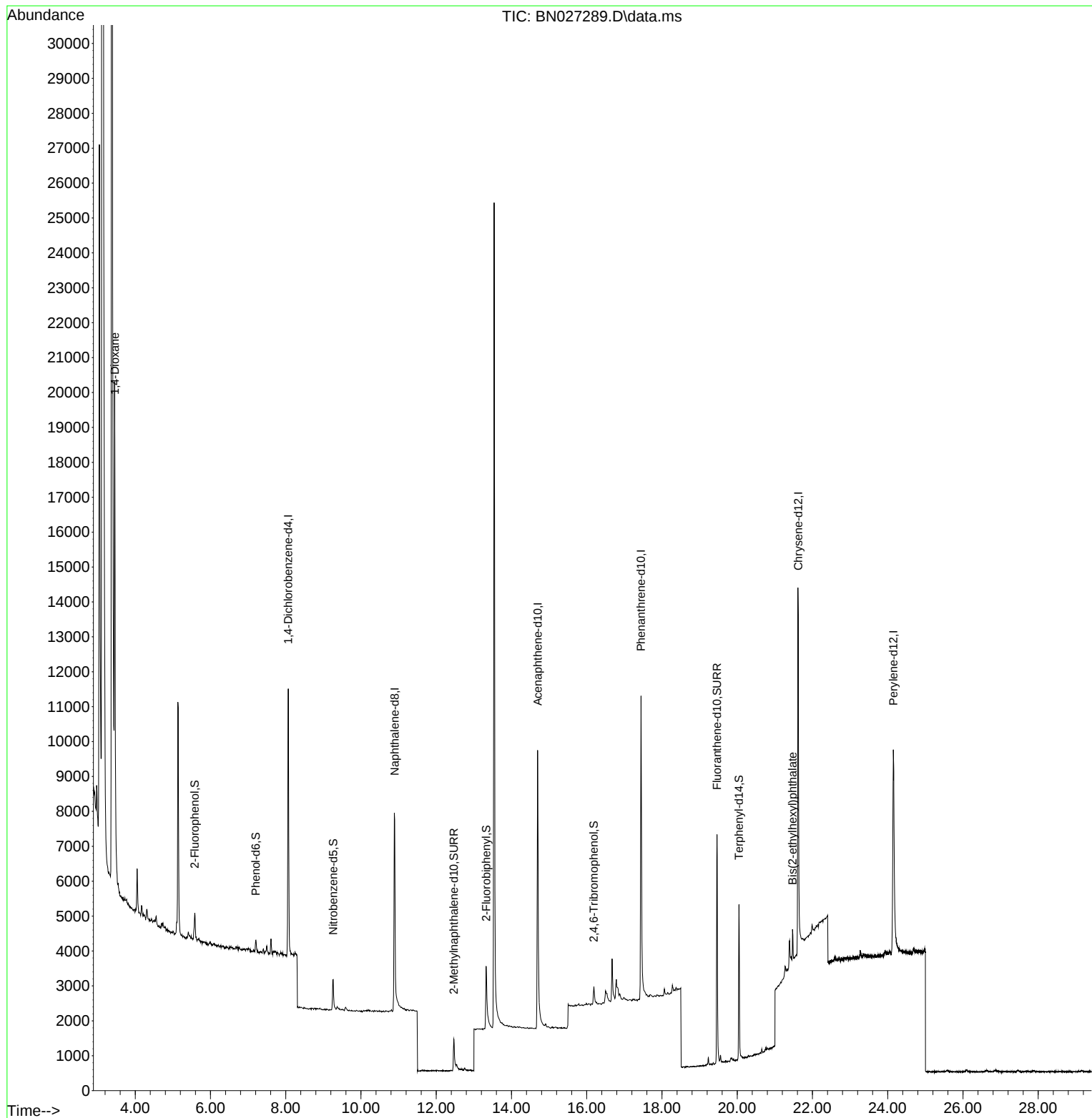
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	3818	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	9891	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	5979	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	14486	0.400	ng	0.00
29) Chrysene-d12	21.623	240	12619	0.400	ng	0.00
35) Perylene-d12	24.151	264	11824	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	694	0.070	ng	0.00
5) Phenol-d6	7.207	99	416	0.034	ng	0.00
8) Nitrobenzene-d5	9.262	82	945	0.131	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	2070	0.143	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	375	0.169	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	2580	0.113	ng	0.00
27) Fluoranthene-d10	19.463	212	7807	0.217	ng	0.00
31) Terphenyl-d14	20.048	244	4725	0.186	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	10147	2.177	ng	94
34) Bis(2-ethylhexyl)phtha...	21.471	149	849	0.041	ng	# 88

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

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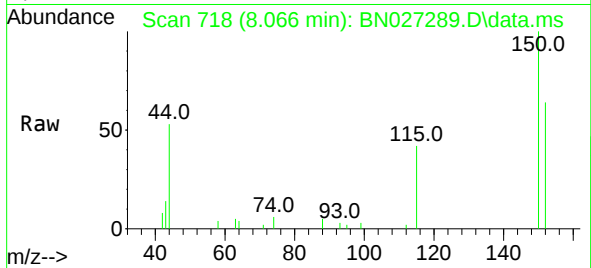
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration



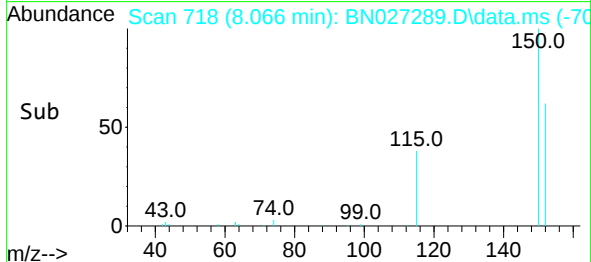
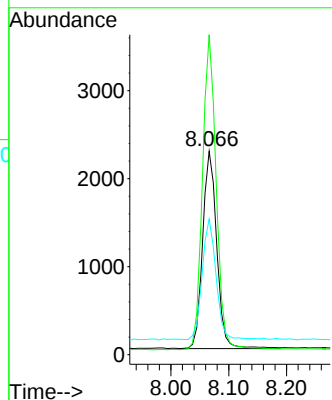


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.066 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027289.D
 Acq: 31 Aug 2023 00:51

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20230818DL

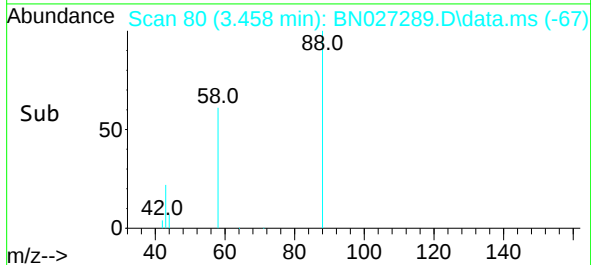
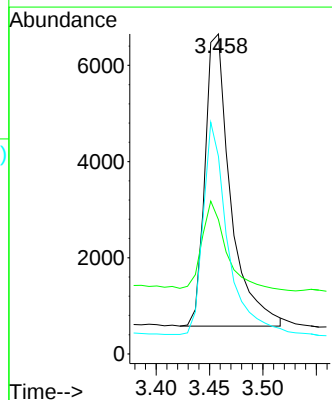
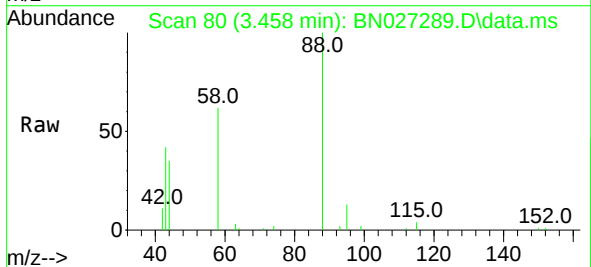


Tgt Ion:152 Resp: 3818
 Ion Ratio Lower Upper
 152 100
 150 157.3 122.7 184.1
 115 66.7 48.6 73.0



#2
 1,4-Dioxane
 Concen: 2.177 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: BN027289.D
 Acq: 31 Aug 2023 00:51

Tgt Ion: 88 Resp: 10147
 Ion Ratio Lower Upper
 88 100
 43 28.1 19.1 28.7
 58 69.3 52.2 78.2

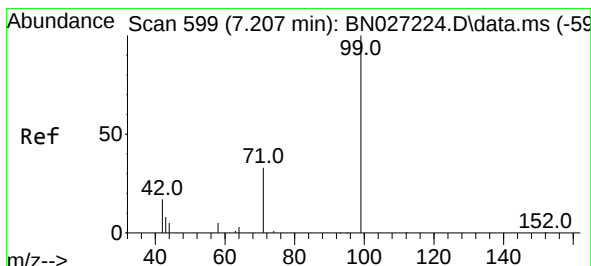
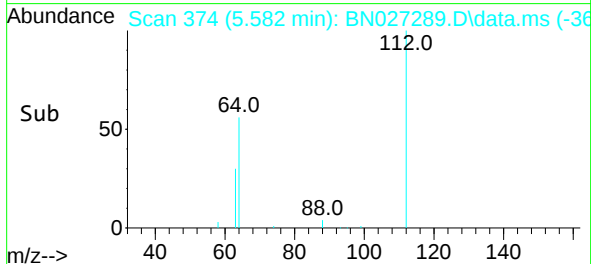
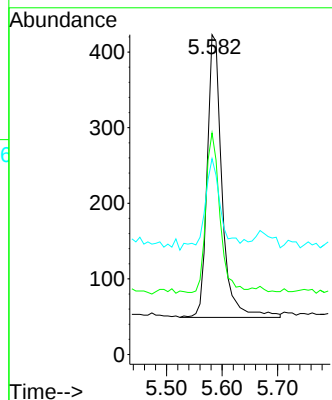
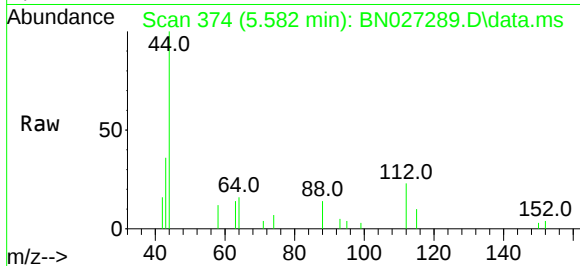




#4
2-Fluorophenol
Concen: 0.070 ng
RT: 5.582 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027289.D
Acq: 31 Aug 2023 00:51

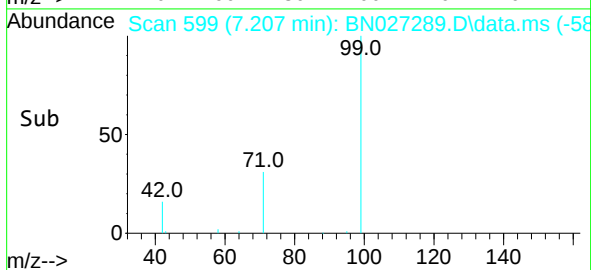
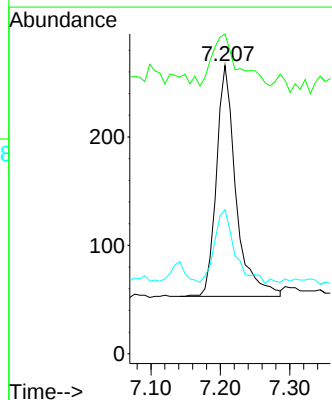
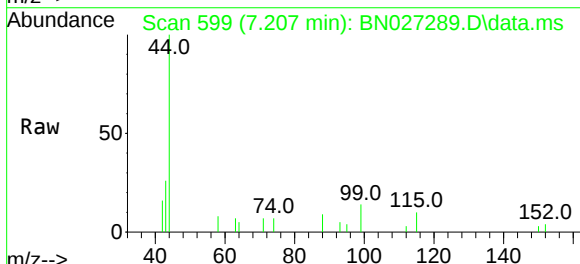
Instrument :
BNA_N
ClientSampleId :
TT101D1-20230818DL

Tgt Ion:112 Resp: 694
Ion Ratio Lower Upper
112 100
64 53.3 44.4 66.6
63 34.7 23.1 34.7#



#5
Phenol-d6
Concen: 0.034 ng
RT: 7.207 min Scan# 599
Delta R.T. 0.000 min
Lab File: BN027289.D
Acq: 31 Aug 2023 00:51

Tgt Ion: 99 Resp: 416
Ion Ratio Lower Upper
99 100
42 34.1 14.5 21.7#
71 32.0 25.8 38.6

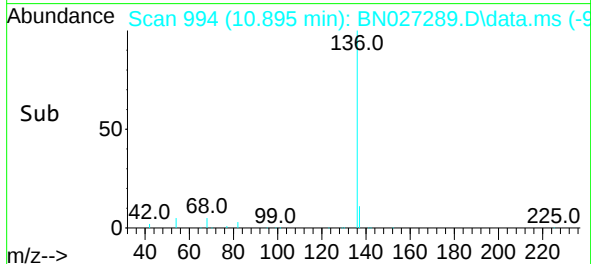
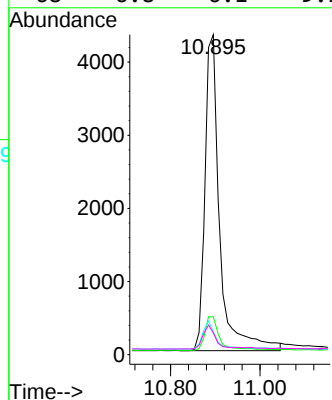
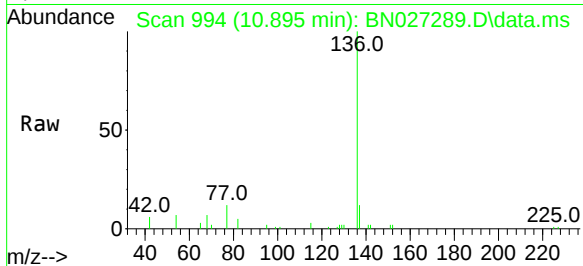




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 994
Delta R.T. 0.000 min
Lab File: BN027289.D
Acq: 31 Aug 2023 00:51

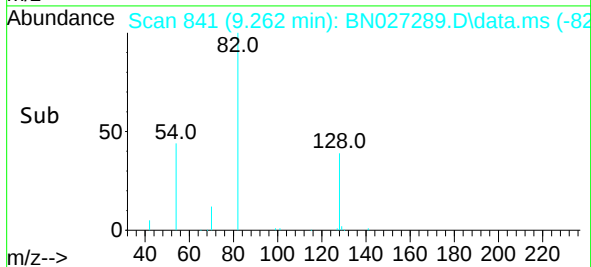
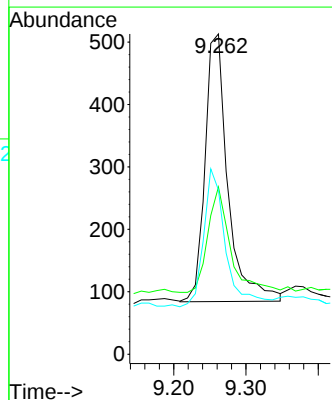
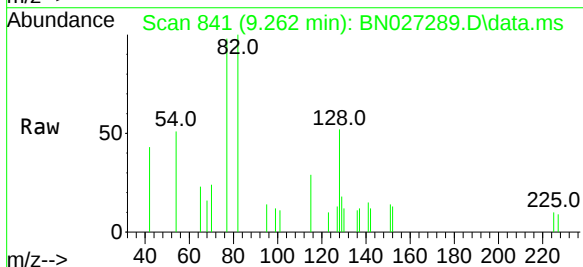
Instrument :
BNA_N
ClientSampleId :
TT101D1-20230818DL

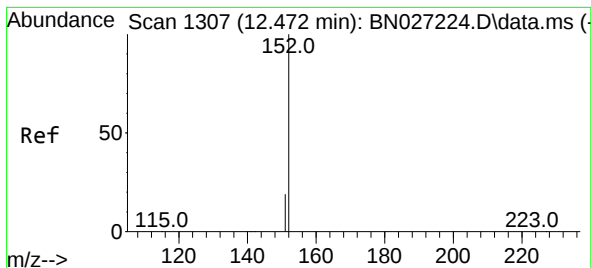
Tgt Ion:	136	Resp:	9891
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	7.1	6.7	10.1
68	6.8	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.131 ng
RT: 9.262 min Scan# 841
Delta R.T. 0.000 min
Lab File: BN027289.D
Acq: 31 Aug 2023 00:51

Tgt Ion:	82	Resp:	945
Ion	Ratio	Lower	Upper
82	100		
128	52.2	33.4	50.0#
54	51.3	37.7	56.5

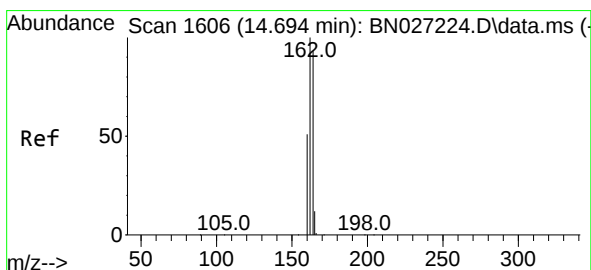
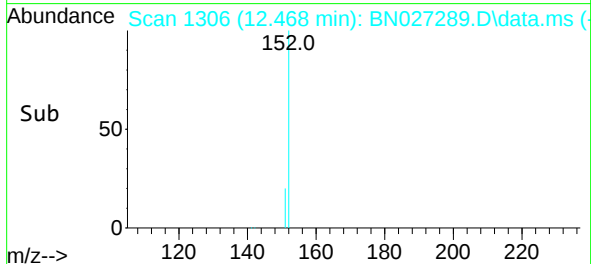
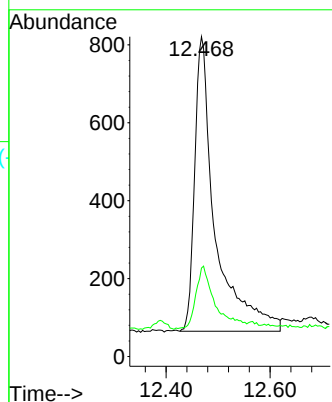
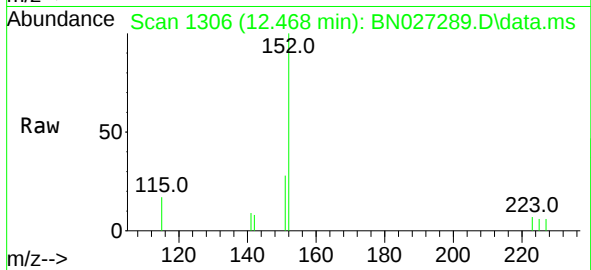




#11
2-Methylnaphthalene-d10
Concen: 0.143 ng
RT: 12.468 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027289.D
Acq: 31 Aug 2023 00:51

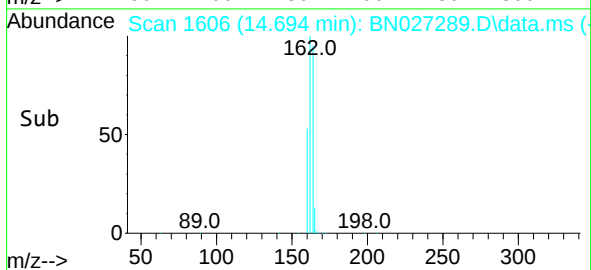
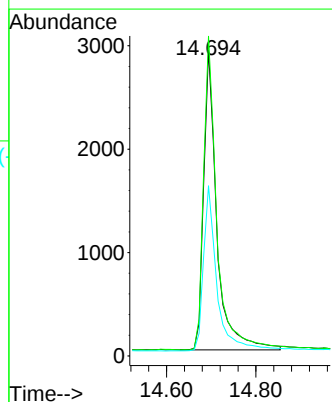
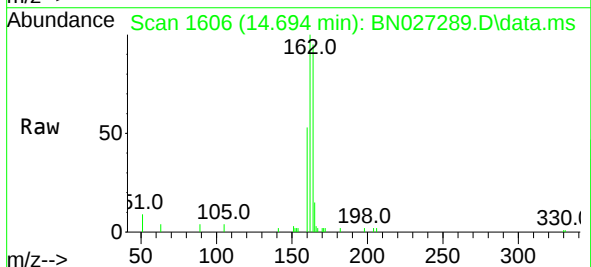
Instrument :
BNA_N
ClientSampleId :
TT101D1-20230818DL

Tgt Ion:152 Resp: 2070
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BN027289.D
Acq: 31 Aug 2023 00:51

Tgt Ion:164 Resp: 5979
Ion Ratio Lower Upper
164 100
162 104.7 85.8 128.8
160 55.7 44.2 66.2

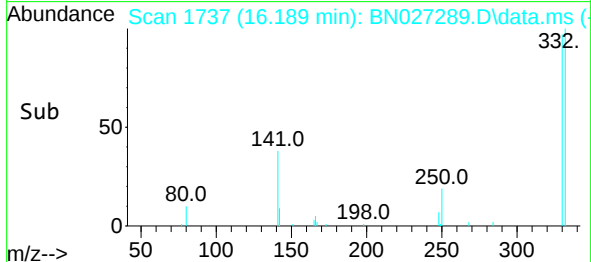
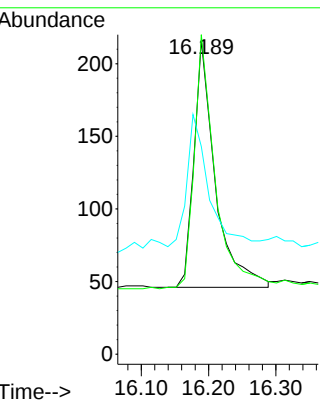
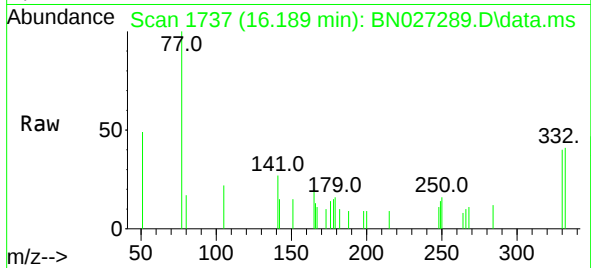




#14
2,4,6-Tribromophenol
Concen: 0.169 ng
RT: 16.189 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN027289.D
Acq: 31 Aug 2023 00:51

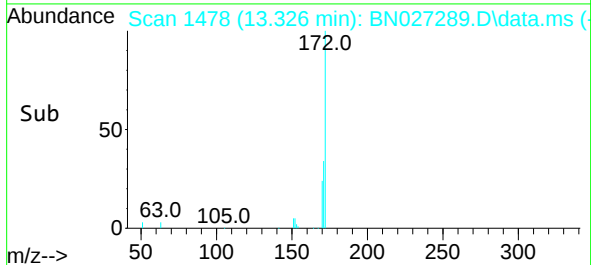
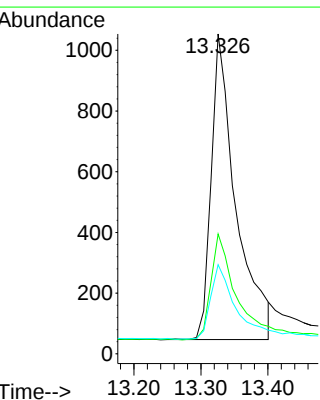
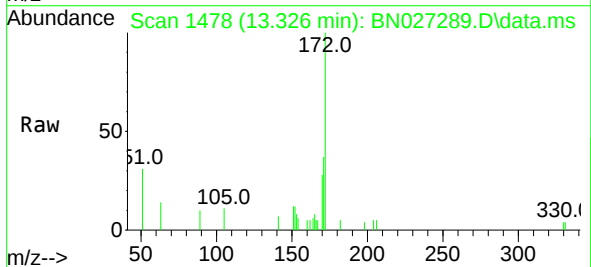
Instrument :
BNA_N
ClientSampleId :
TT101D1-20230818DL

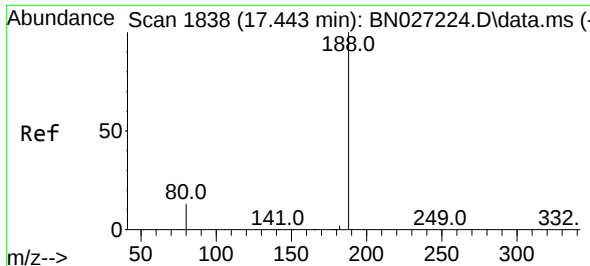
Tgt Ion:330 Resp: 375
Ion Ratio Lower Upper
330 100
332 101.6 75.2 112.8
141 54.9 36.2 54.4#



#15
2-Fluorobiphenyl
Concen: 0.113 ng
RT: 13.326 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN027289.D
Acq: 31 Aug 2023 00:51

Tgt Ion:172 Resp: 2580
Ion Ratio Lower Upper
172 100
171 37.5 27.8 41.8
170 27.9 19.3 28.9

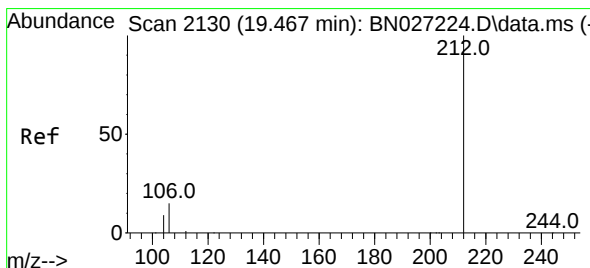
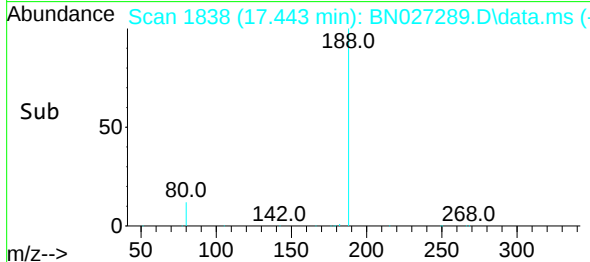
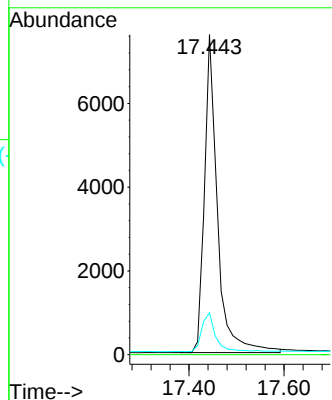
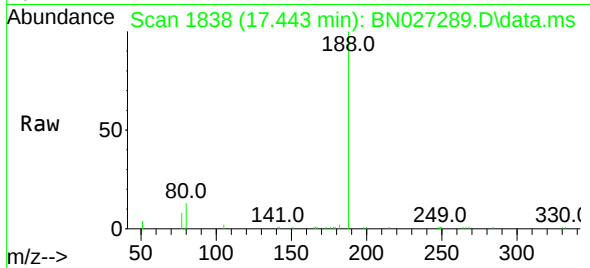




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027289.D
Acq: 31 Aug 2023 00:51

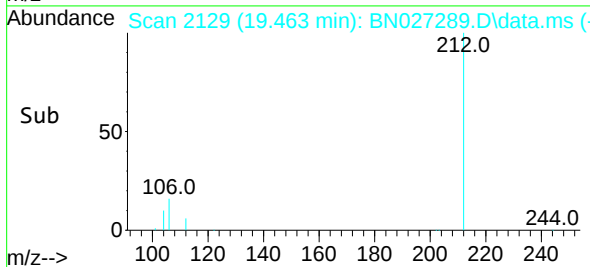
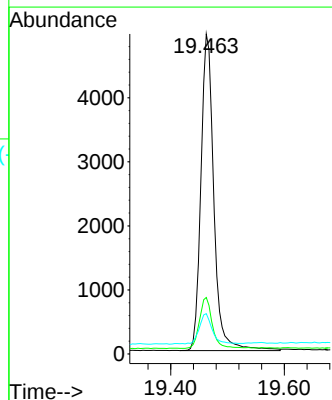
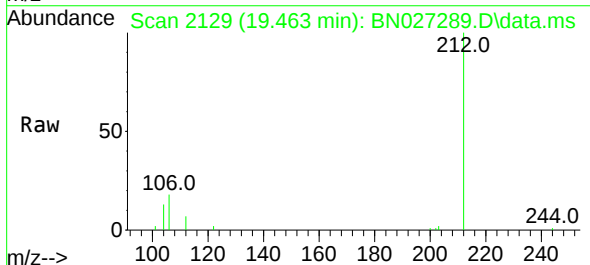
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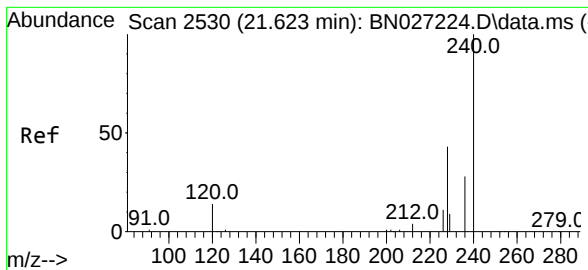
Tgt Ion:188 Resp: 14486
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 11.0 16.6



#27
Fluoranthene-d10
Concen: 0.217 ng
RT: 19.463 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BN027289.D
Acq: 31 Aug 2023 00:51

Tgt Ion:212 Resp: 7807
Ion Ratio Lower Upper
212 100
106 16.1 12.1 18.1
104 9.5 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: BN027289.D

Acq: 31 Aug 2023 00:51

Instrument :

BNA_N

ClientSampleId :

TT101D1-20230818DL

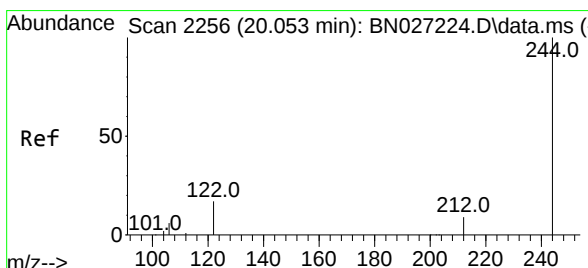
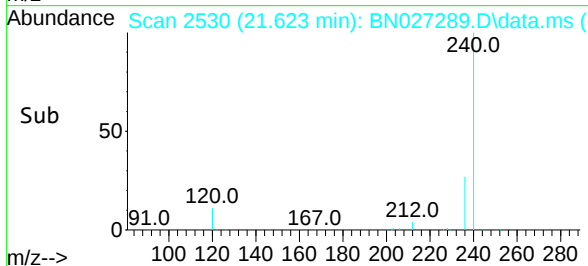
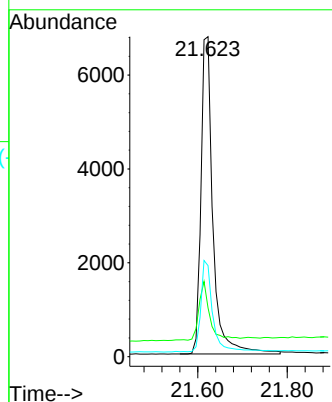
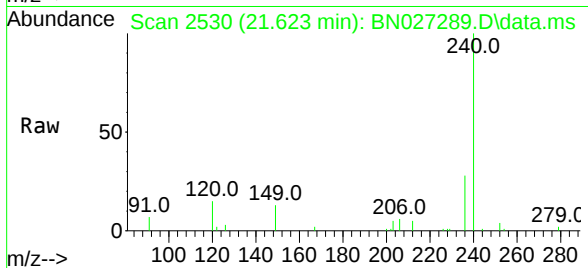
Tgt Ion:240 Resp: 12619

Ion Ratio Lower Upper

240 100

120 15.3 14.2 21.4

236 28.5 22.9 34.3



#31

Terphenyl-d14

Concen: 0.186 ng

RT: 20.048 min Scan# 2255

Delta R.T. -0.005 min

Lab File: BN027289.D

Acq: 31 Aug 2023 00:51

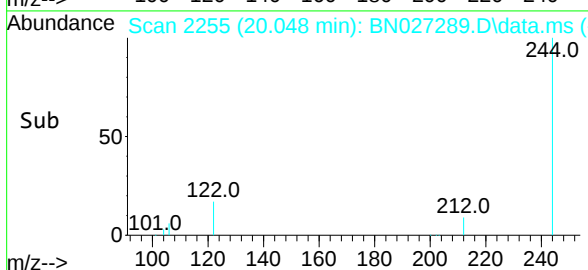
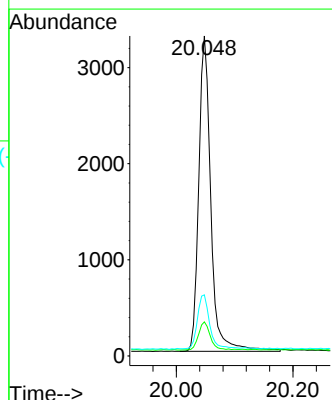
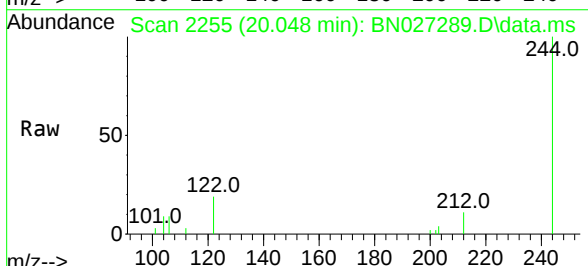
Tgt Ion:244 Resp: 4725

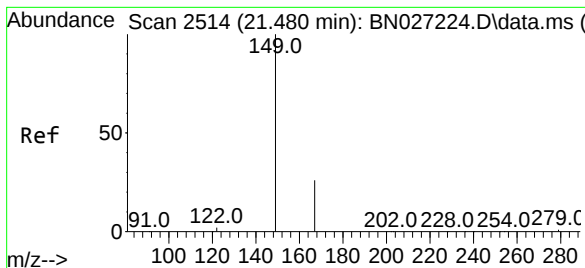
Ion Ratio Lower Upper

244 100

212 10.6 7.5 11.3

122 19.1 14.0 21.0

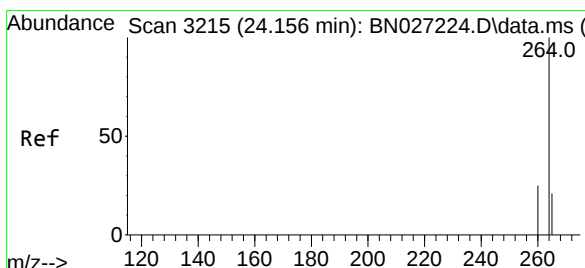
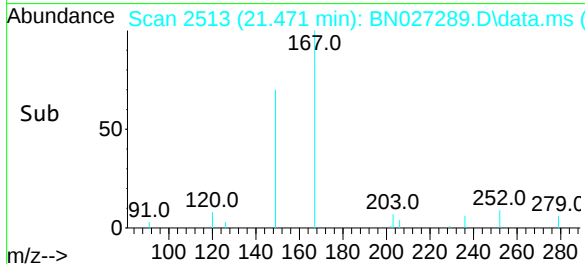
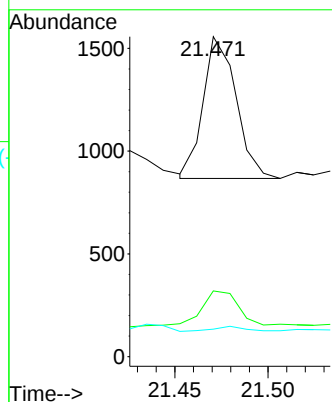
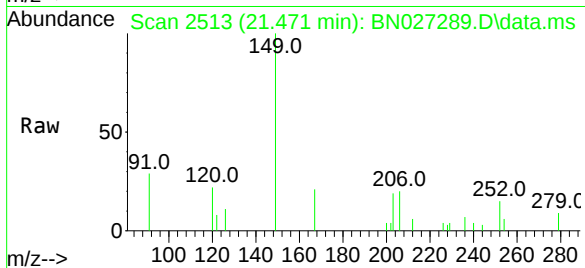




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.041 ng
RT: 21.471 min Scan# 2149
Delta R.T. -0.009 min
Lab File: BN027289.D
Acq: 31 Aug 2023 00:51

Instrument :
BNA_N
ClientSampleId :
TT101D1-20230818DL

Tgt Ion:149 Resp: 849
Ion Ratio Lower Upper
149 100
167 34.6 22.1 33.1#
279 2.4 2.7 4.1#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.151 min Scan# 3213
Delta R.T. -0.006 min
Lab File: BN027289.D
Acq: 31 Aug 2023 00:51

Tgt Ion:264 Resp: 11824
Ion Ratio Lower Upper
264 100
260 26.9 20.7 31.1
265 77.8 53.3 79.9

