

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027161.D
 Acq On : 26 Aug 2023 19:40
 Operator : MA/JU
 Sample : 04095-13
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20230818

Quant Time: Aug 26 22:35:35 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

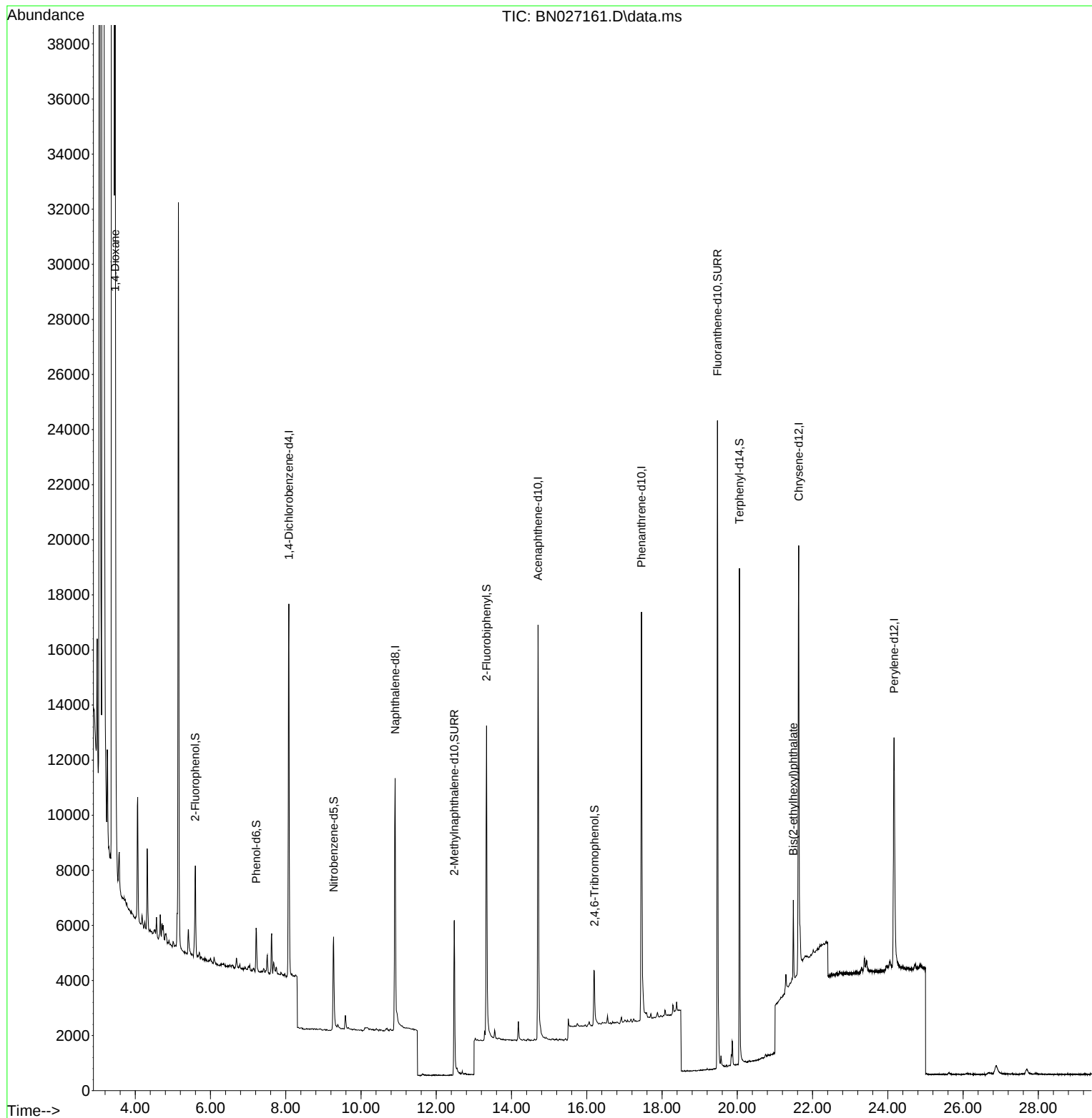
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.080	152	6564	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	14723	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	9671	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	22715	0.400	ng	0.00
29) Chrysene-d12	21.632	240	17328	0.400	ng	0.00
35) Perylene-d12	24.165	264	15291	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2739	0.148	ng	0.00
5) Phenol-d6	7.214	99	1703	0.075	ng	0.00
8) Nitrobenzene-d5	9.272	82	3318	0.267	ng	0.00
11) 2-Methylnaphthalene-d10	12.479	152	9137	0.390	ng	0.00
14) 2,4,6-Tribromophenol	16.201	330	1535	0.298	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	11514	0.321	ng	0.00
27) Fluoranthene-d10	19.472	212	26971	0.463	ng	0.00
31) Terphenyl-d14	20.057	244	17865	0.493	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.465	88	26533	3.759	ng	96
34) Bis(2-ethylhexyl)phtha...	21.488	149	2782	0.062	ng	# 96

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

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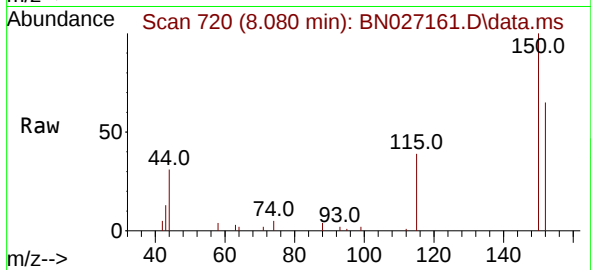
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



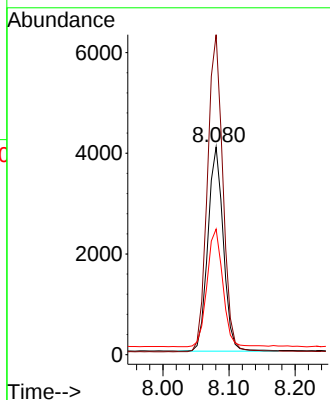
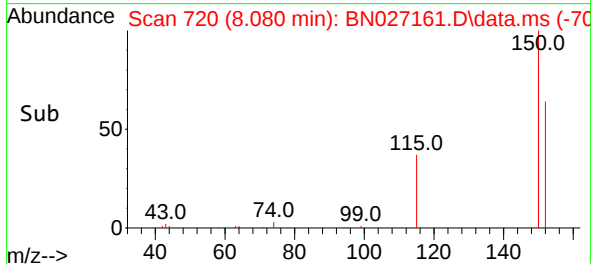


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.080 min Scan# 71
 Delta R.T. -0.008 min
 Lab File: BN027161.D
 Acq: 26 Aug 2023 19:40

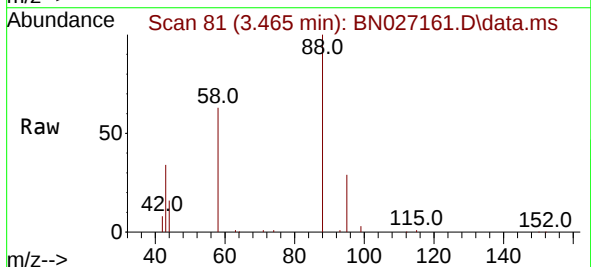
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 TT101D2-20230818



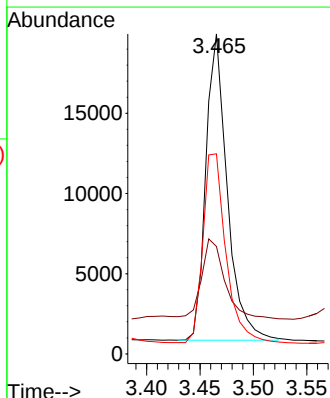
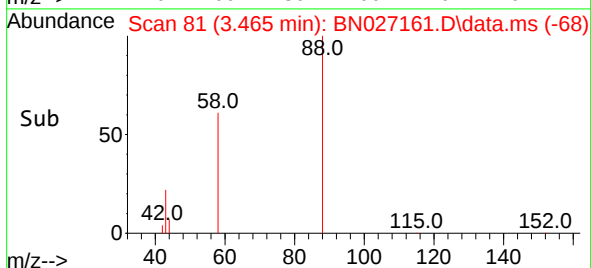
Tgt Ion:152 Resp: 6564
 Ion Ratio Lower Upper
 152 100
 150 154.1 123.8 185.6
 115 60.5 49.7 74.5



#2
 1,4-Dioxane
 Concen: 3.759 ng
 RT: 3.465 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BN027161.D
 Acq: 26 Aug 2023 19:40



Tgt Ion: 88 Resp: 26533
 Ion Ratio Lower Upper
 88 100
 43 28.3 19.2 28.8
 58 66.3 54.5 81.7

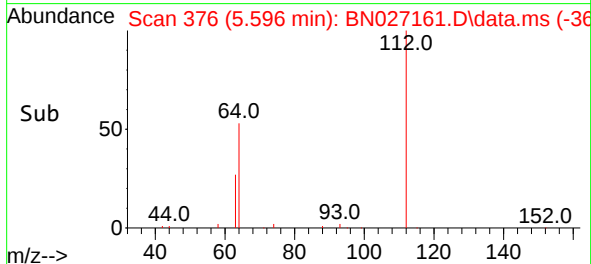
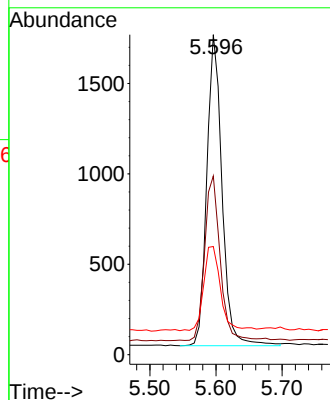
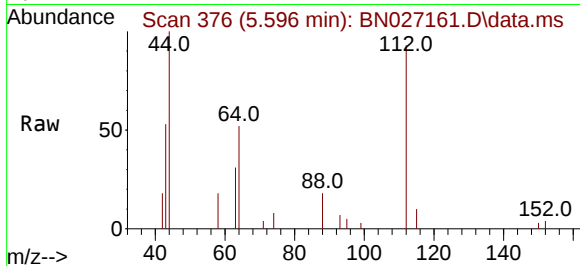




#4
2-Fluorophenol
Concen: 0.148 ng
RT: 5.596 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027161.D
Acq: 26 Aug 2023 19:40

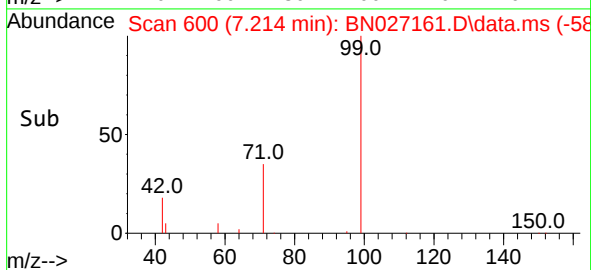
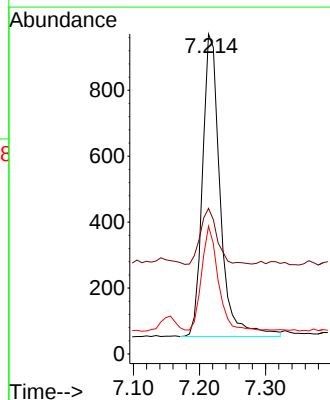
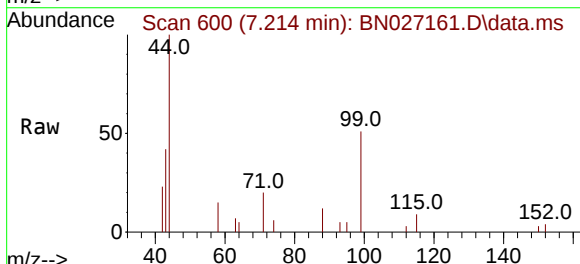
Instrument :
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Tgt Ion:	112	Resp:	2739
Ion	Ratio	Lower	Upper
112	100		
64	54.4	41.5	62.3
63	30.0	21.7	32.5



#5
Phenol-d6
Concen: 0.075 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027161.D
Acq: 26 Aug 2023 19:40

Tgt Ion:	99	Resp:	1703
Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.6	20.4
71	31.4	26.0	39.0

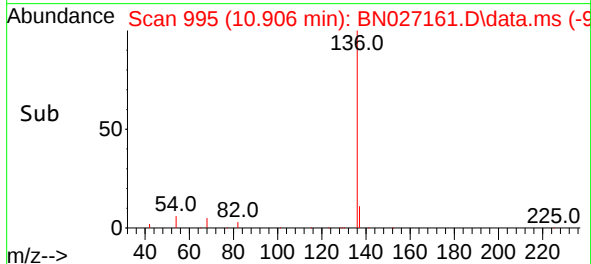
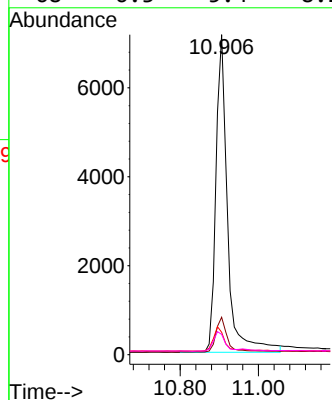
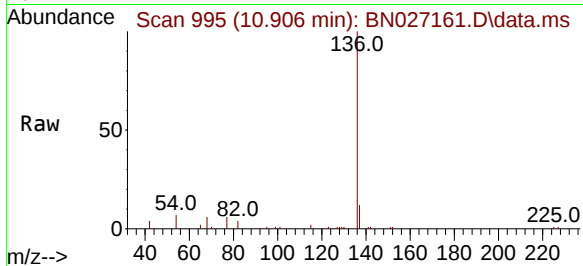




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 998
Delta R.T. -0.000 min
Lab File: BN027161.D
Acq: 26 Aug 2023 19:40

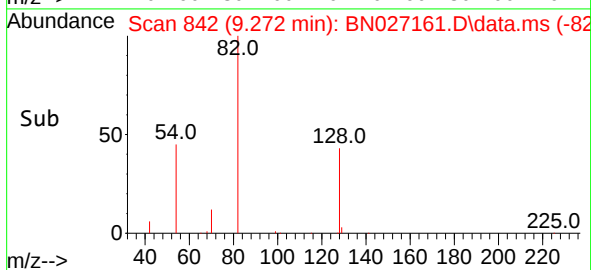
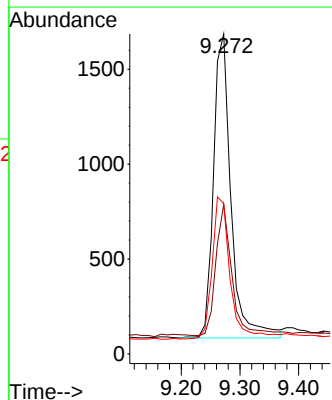
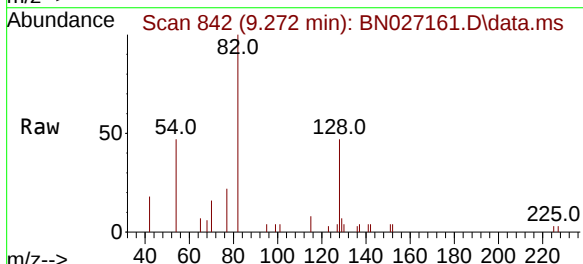
Instrument :
BNA_N
ClientSampleId :
TT101D2-20230818

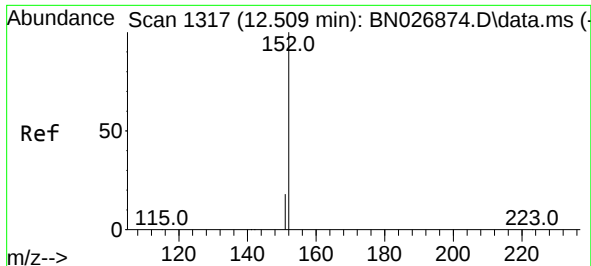
Tgt Ion:	136	Resp:	14723
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	7.0	5.5	8.3
68	6.3	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.267 ng
RT: 9.272 min Scan# 842
Delta R.T. -0.000 min
Lab File: BN027161.D
Acq: 26 Aug 2023 19:40

Tgt Ion:	82	Resp:	3318
Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.1	51.1
54	46.9	37.0	55.4

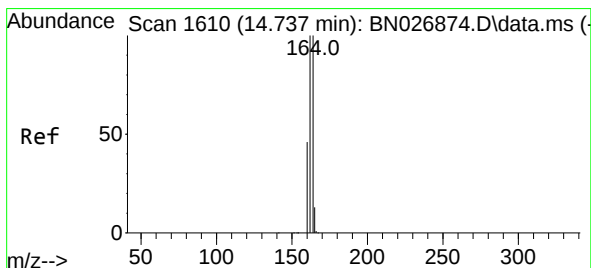
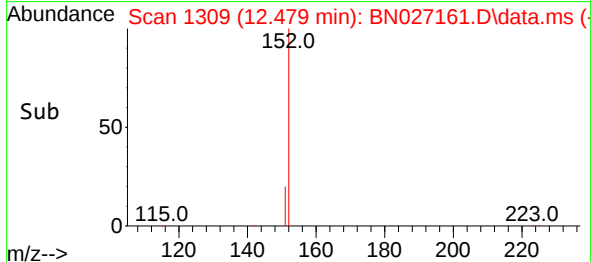
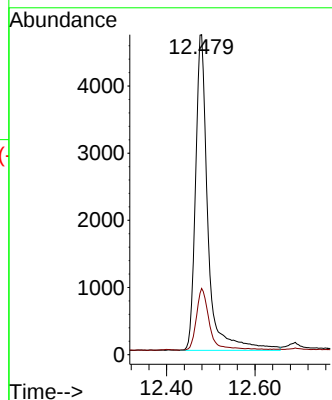
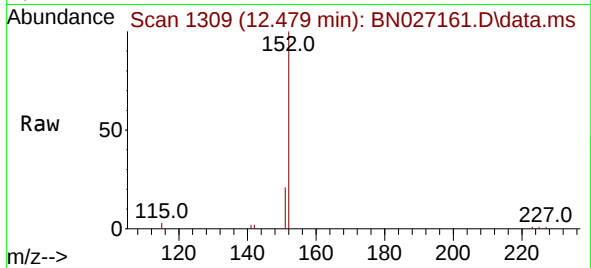




#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 12.479 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027161.D
Acq: 26 Aug 2023 19:40

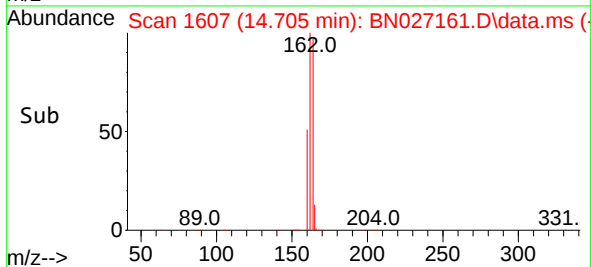
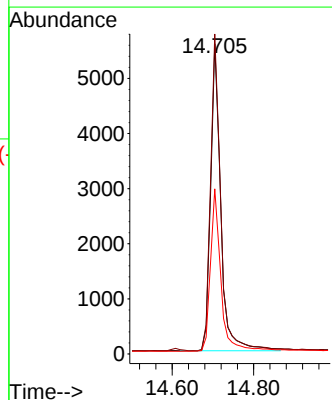
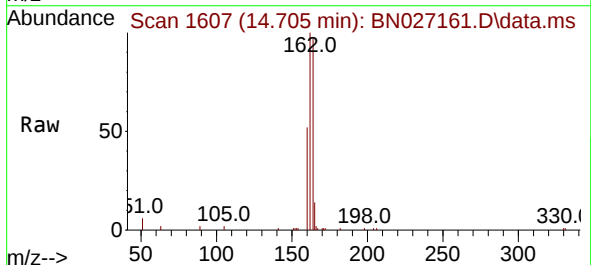
Instrument :
BNA_N
ClientSampleId :
TT101D2-20230818

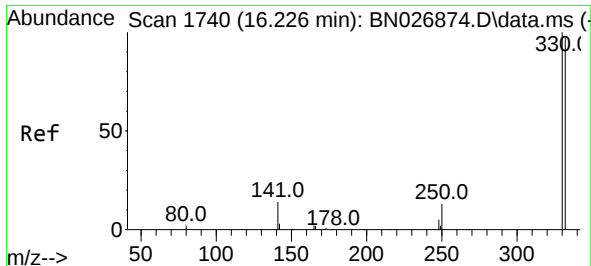
Tgt Ion:152 Resp: 9137
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BN027161.D
Acq: 26 Aug 2023 19:40

Tgt Ion:164 Resp: 9671
Ion Ratio Lower Upper
164 100
162 103.1 79.7 119.5
160 53.2 37.4 56.0

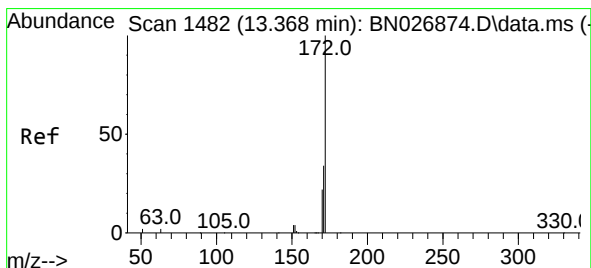
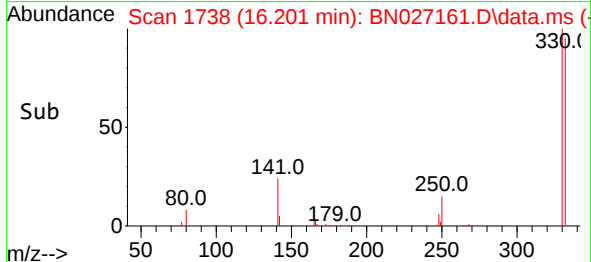
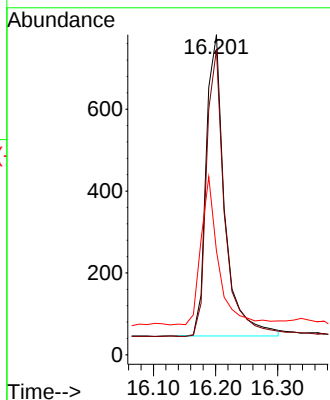
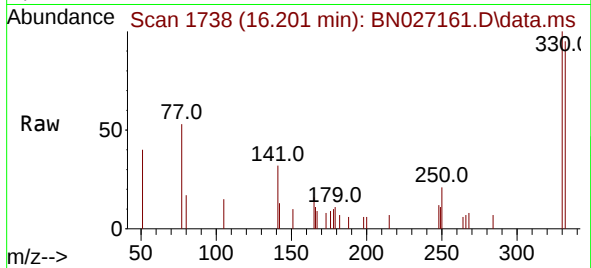




#14
2,4,6-Tribromophenol
Concen: 0.298 ng
RT: 16.201 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027161.D
Acq: 26 Aug 2023 19:40

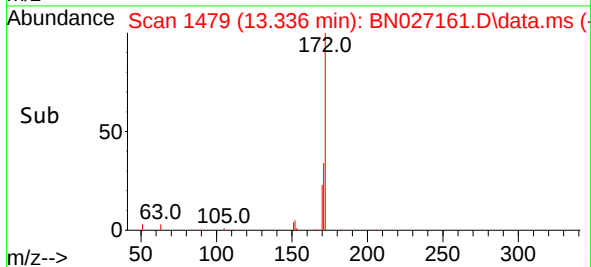
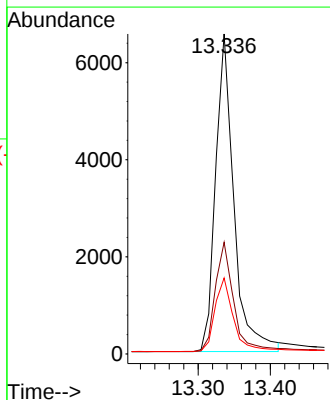
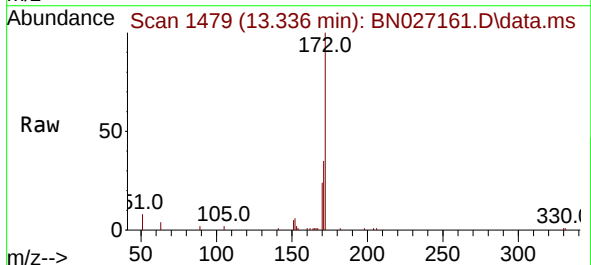
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TT101D2-20230818

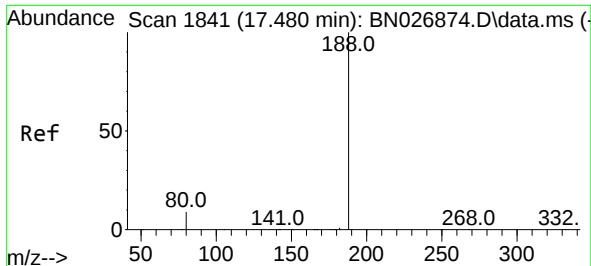
Tgt Ion:330 Resp: 1535
Ion Ratio Lower Upper
330 100
332 93.8 76.6 114.8
141 46.4 32.3 48.5



#15
2-Fluorobiphenyl
Concen: 0.321 ng
RT: 13.336 min Scan# 1479
Delta R.T. -0.000 min
Lab File: BN027161.D
Acq: 26 Aug 2023 19:40

Tgt Ion:172 Resp: 11514
Ion Ratio Lower Upper
172 100
171 34.9 27.4 41.0
170 23.8 18.0 27.0

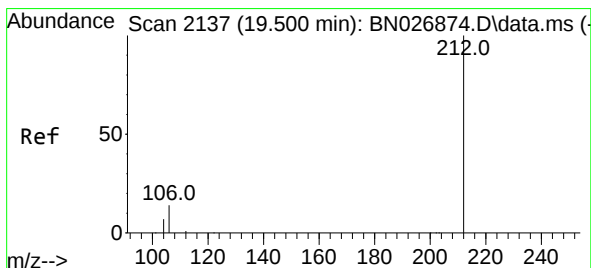
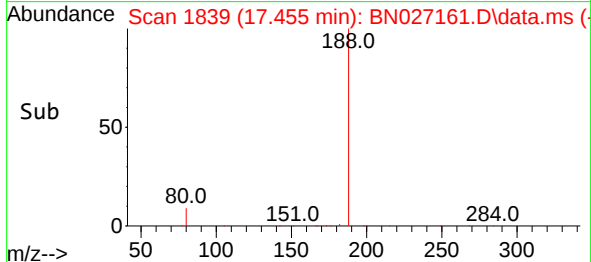
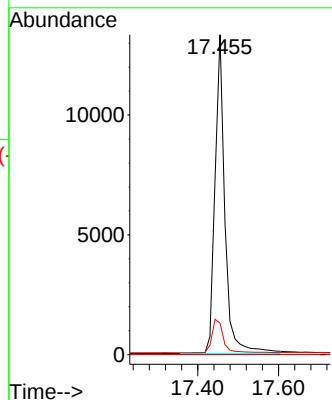
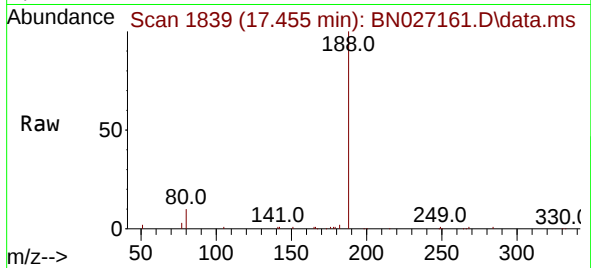




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BN027161.D
Acq: 26 Aug 2023 19:40

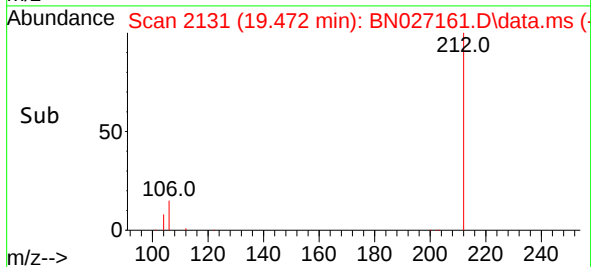
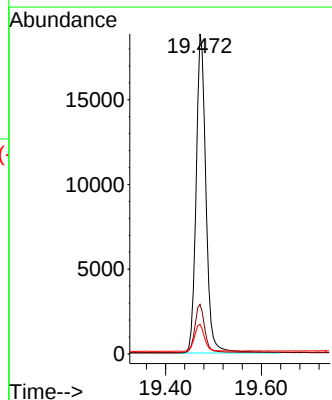
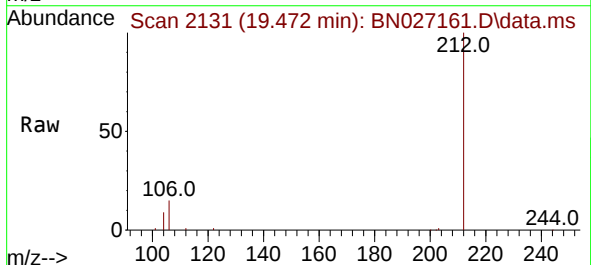
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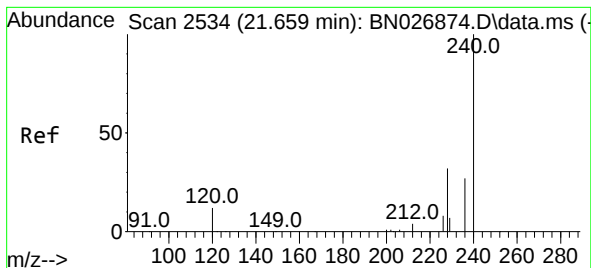
Tgt Ion:188 Resp: 22715
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 7.4 11.2



#27
Fluoranthene-d10
Concen: 0.463 ng
RT: 19.472 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BN027161.D
Acq: 26 Aug 2023 19:40

Tgt Ion:212 Resp: 26971
Ion Ratio Lower Upper
212 100
106 15.1 10.9 16.3
104 8.7 5.9 8.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.632 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN027161.D

Acq: 26 Aug 2023 19:40

Instrument :

BNA_N

ClientSampleId :

TT101D2-20230818

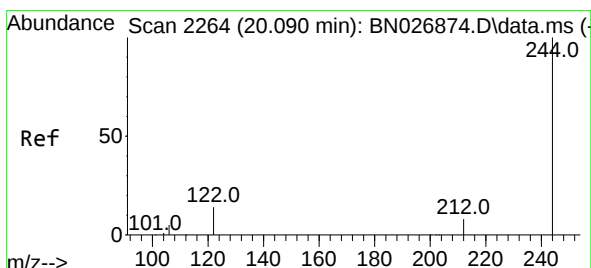
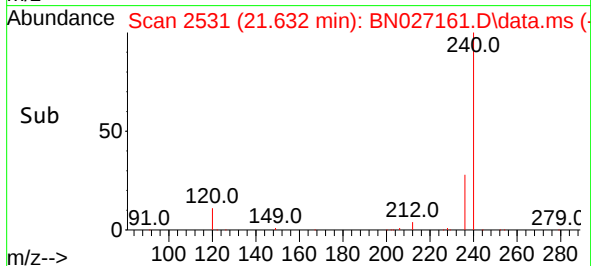
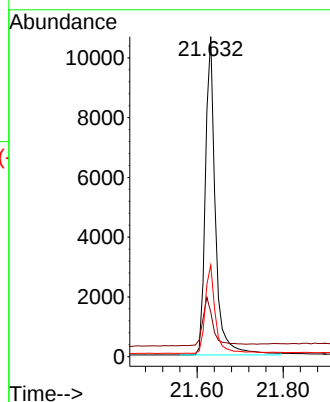
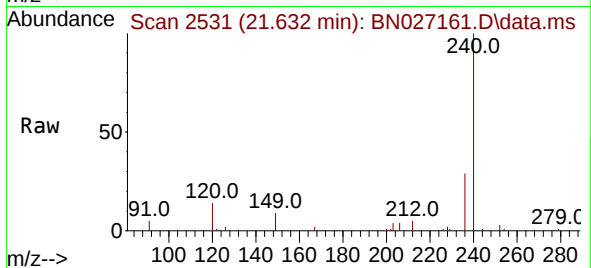
Tgt Ion:240 Resp: 17328

Ion Ratio Lower Upper

240 100

120 13.9 11.1 16.7

236 28.6 22.2 33.2



#31

Terphenyl-d14

Concen: 0.493 ng

RT: 20.057 min Scan# 2257

Delta R.T. -0.005 min

Lab File: BN027161.D

Acq: 26 Aug 2023 19:40

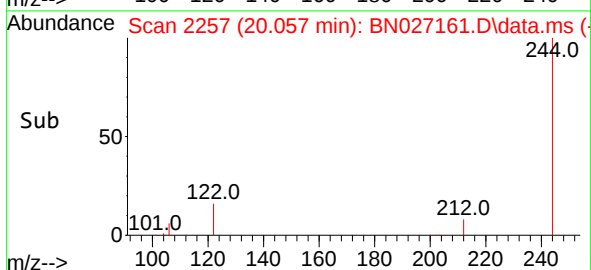
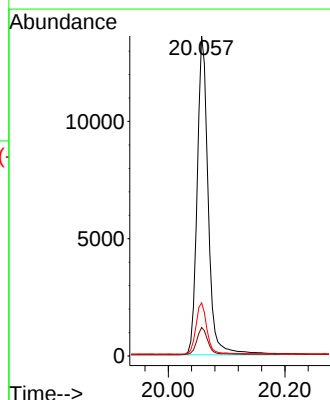
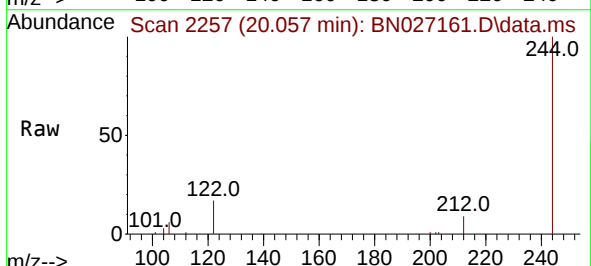
Tgt Ion:244 Resp: 17865

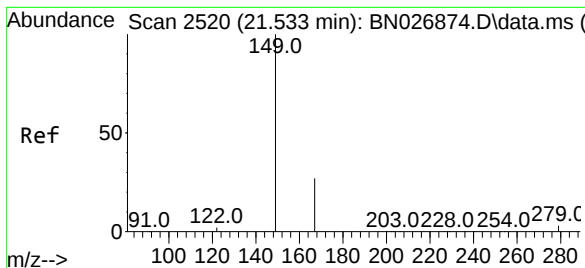
Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

122 16.6 11.9 17.9

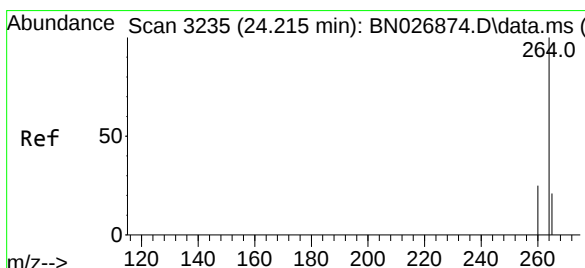
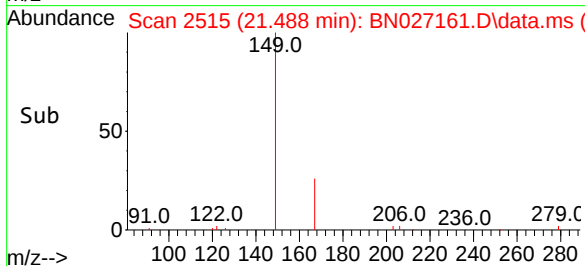
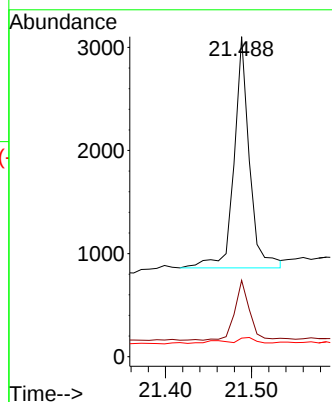
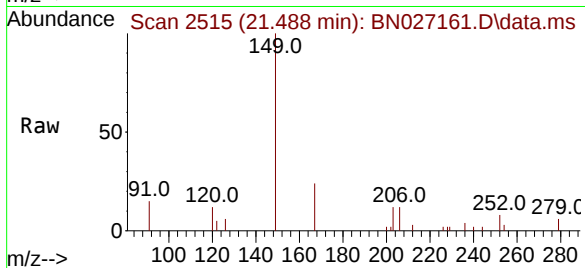




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.062 ng
 RT: 21.488 min Scan# 2149
 Delta R.T. -0.009 min
 Lab File: BN027161.D
 Acq: 26 Aug 2023 19:40

Instrument :
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 ClientSampleId :
 TT101D2-20230818

Tgt Ion:149 Resp: 2782
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.4 32.0
 279 2.3 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.165 min Scan# 3218
 Delta R.T. -0.006 min
 Lab File: BN027161.D
 Acq: 26 Aug 2023 19:40

Tgt Ion:264 Resp: 15291
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.4 30.6
 265 67.1 27.0 40.6#

