

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027173.D
 Acq On : 27 Aug 2023 03:05
 Operator : MA/JU
 Sample : 04051-14
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D1-20230816

Quant Time: Aug 27 03:46:32 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)

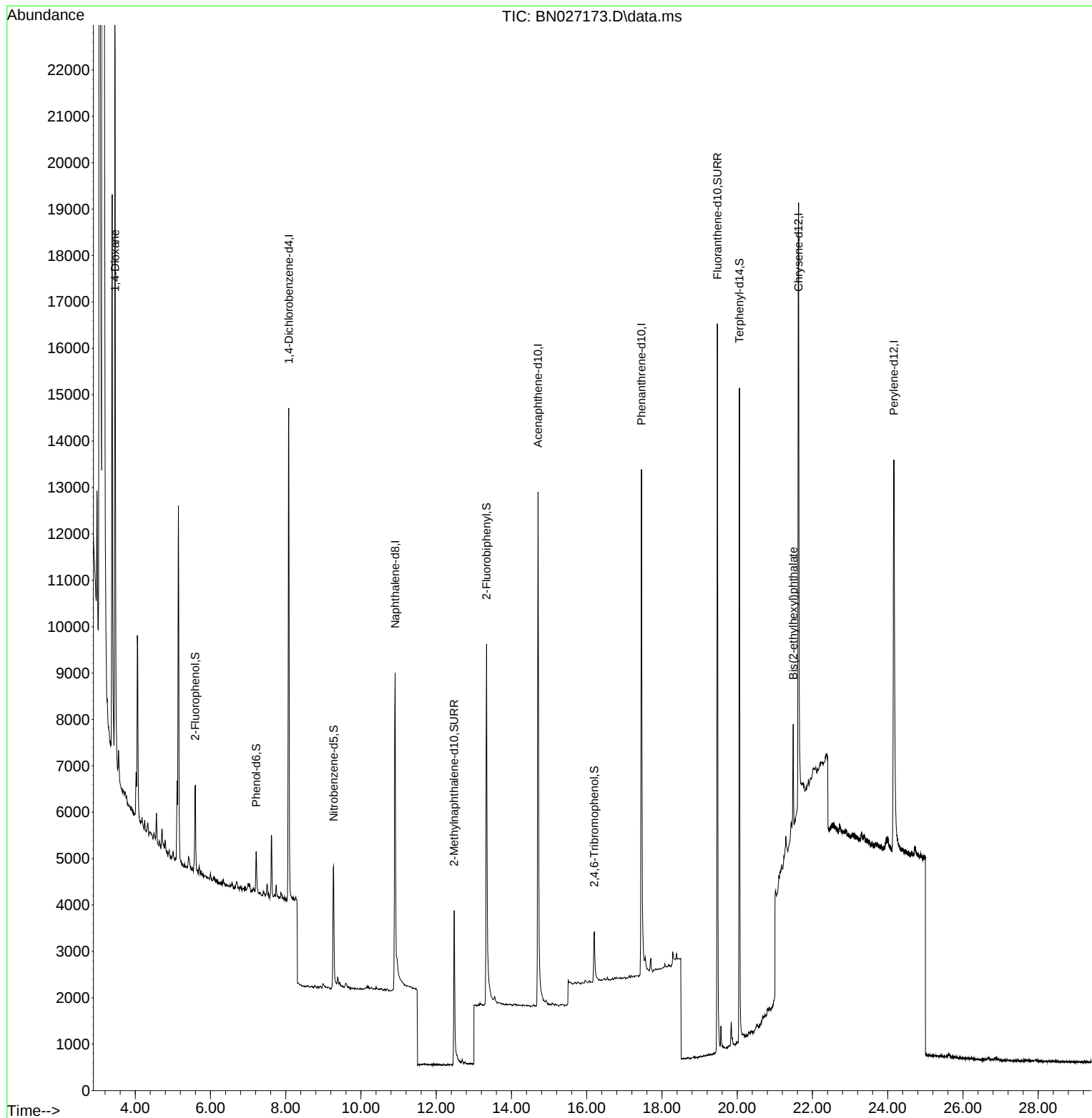
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.080	152	5387	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	11944	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	7957	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	18065	0.400	ng	0.00
29) Chrysene-d12	21.632	240	15979	0.400	ng	0.00
35) Perylene-d12	24.165	264	15337	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	1596	0.105	ng	0.00
5) Phenol-d6	7.214	99	994	0.053	ng	0.00
8) Nitrobenzene-d5	9.273	82	2716	0.269	ng	0.00
11) 2-Methylnaphthalene-d10	12.476	152	5884	0.310	ng	0.00
14) 2,4,6-Tribromophenol	16.201	330	848	0.200	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	8851	0.300	ng	0.00
27) Fluoranthene-d10	19.472	212	18618	0.402	ng	0.00
31) Terphenyl-d14	20.057	244	14659	0.439	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.465	88	11822	2.041	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.488	149	2135	0.051	ng	98

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

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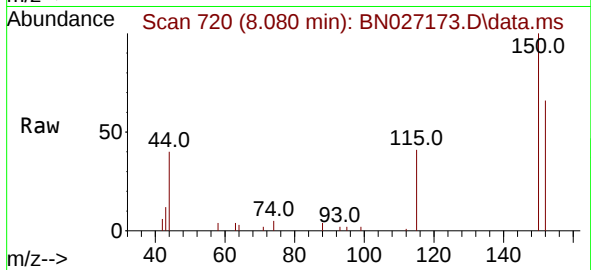
Quant Time: Aug 27 03:46:32 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



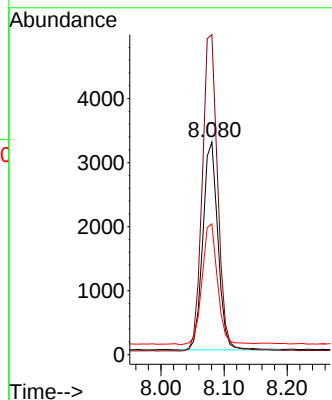
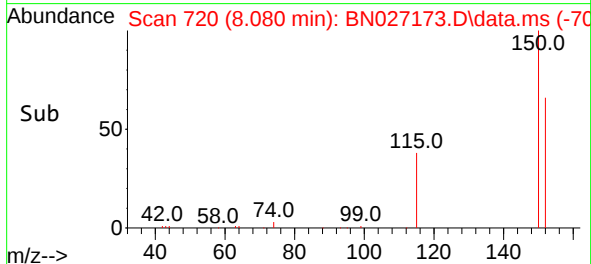


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.080 min Scan# 71
Delta R.T. -0.008 min
Lab File: BN027173.D
Acq: 27 Aug 2023 03:05

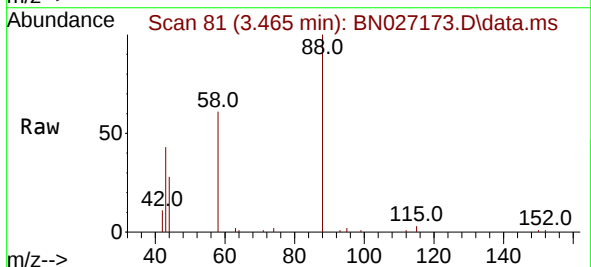
Instrument :
BNA_N
ClientSampleId :
RE109D1-20230816



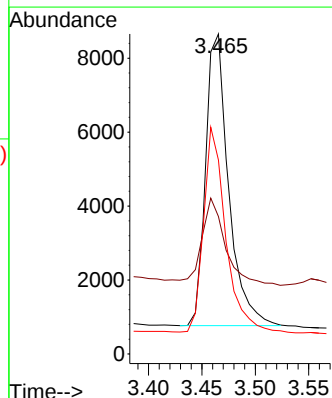
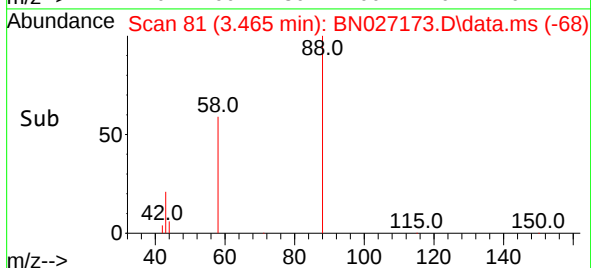
Tgt Ion:152 Resp: 5387
Ion Ratio Lower Upper
152 100
150 150.5 123.8 185.6
115 61.5 49.7 74.5



#2
1,4-Dioxane
Concen: 2.041 ng
RT: 3.465 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN027173.D
Acq: 27 Aug 2023 03:05



Tgt Ion: 88 Resp: 11822
Ion Ratio Lower Upper
88 100
43 30.7 19.2 28.8#
58 67.5 54.5 81.7

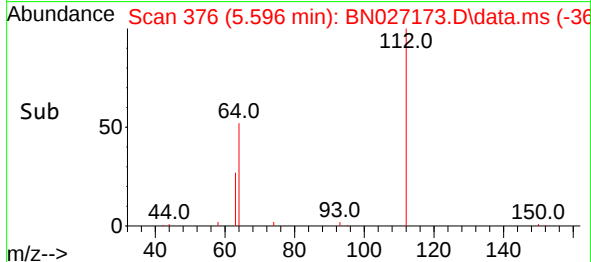
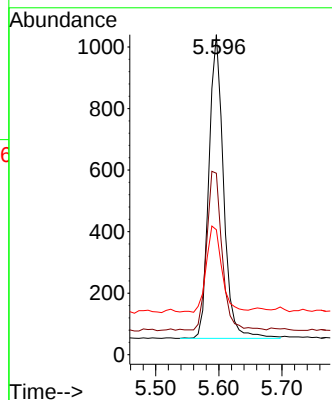
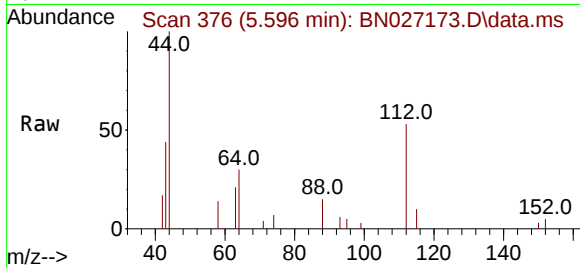




#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.596 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027173.D
Acq: 27 Aug 2023 03:05

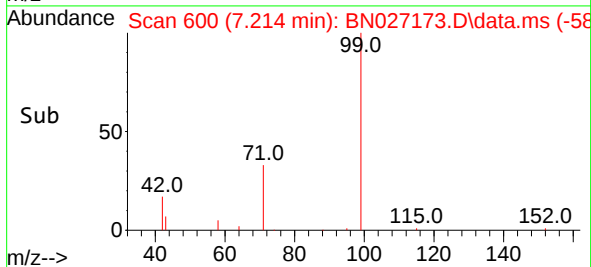
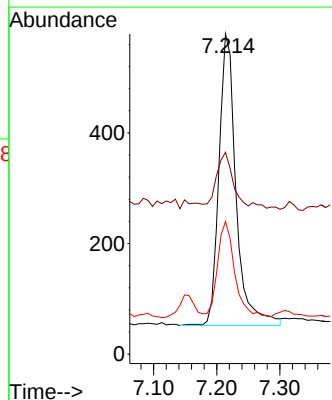
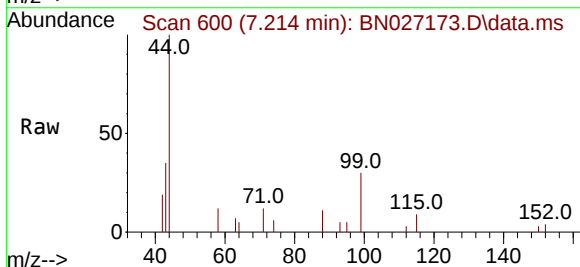
Instrument :
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ClientSampleId :
RE109D1-20230816

Tgt Ion:112 Resp: 1596
Ion Ratio Lower Upper
112 100
64 53.9 41.5 62.3
63 29.8 21.7 32.5



#5
Phenol-d6
Concen: 0.053 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027173.D
Acq: 27 Aug 2023 03:05

Tgt Ion: 99 Resp: 994
Ion Ratio Lower Upper
99 100
42 17.0 13.6 20.4
71 32.1 26.0 39.0

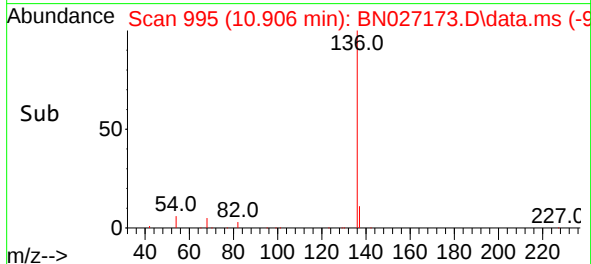
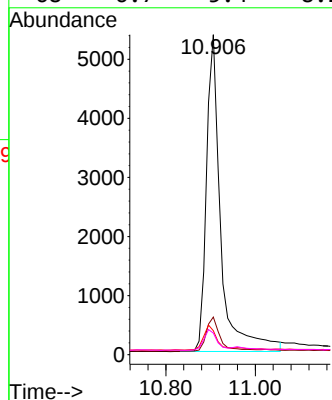
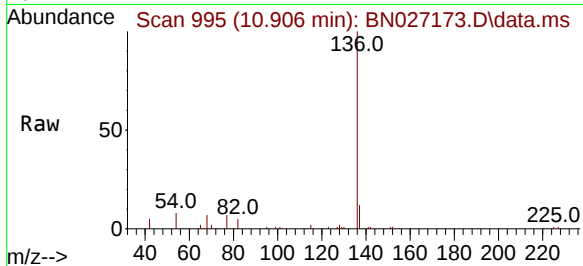




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN027173.D
Acq: 27 Aug 2023 03:05

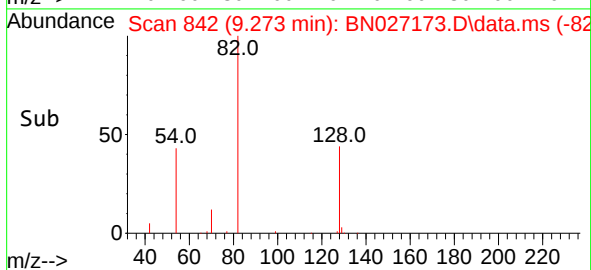
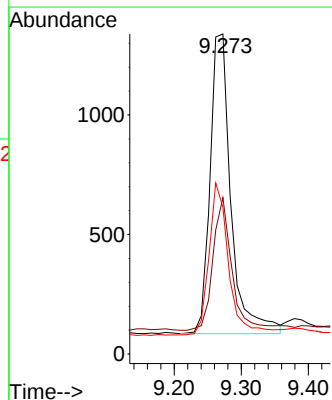
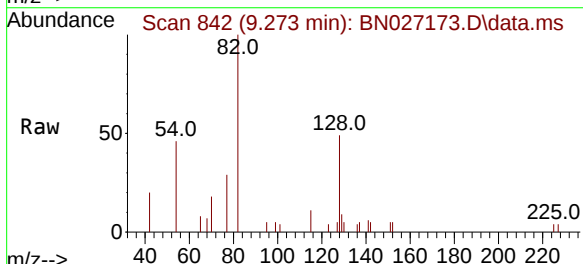
Instrument :
BNA_N
ClientSampleId :
RE109D1-20230816

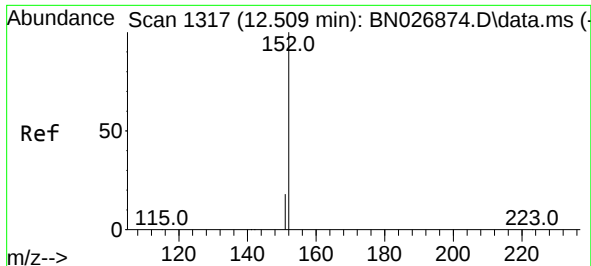
Tgt Ion:	136	Resp:	11944
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	7.5	5.5	8.3
68	6.7	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 9.273 min Scan# 842
Delta R.T. 0.000 min
Lab File: BN027173.D
Acq: 27 Aug 2023 03:05

Tgt Ion:	82	Resp:	2716
Ion	Ratio	Lower	Upper
82	100		
128	48.8	34.1	51.1
54	45.9	37.0	55.4

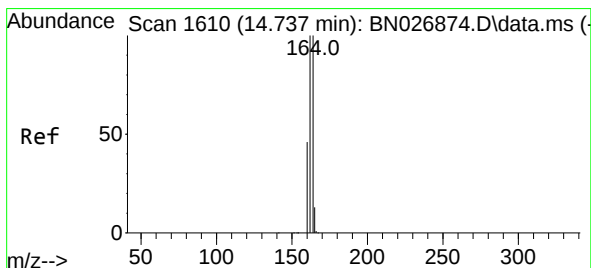
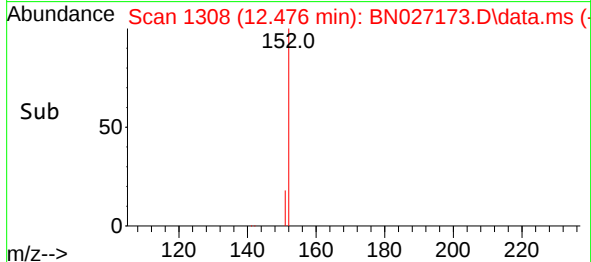
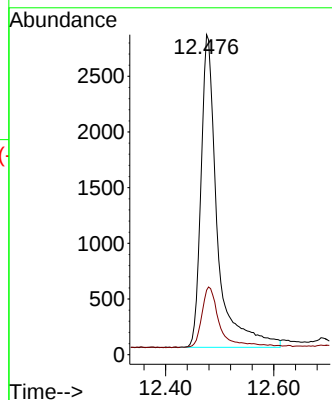
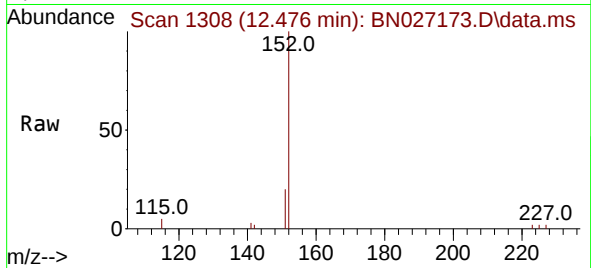




#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.476 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN027173.D
Acq: 27 Aug 2023 03:05

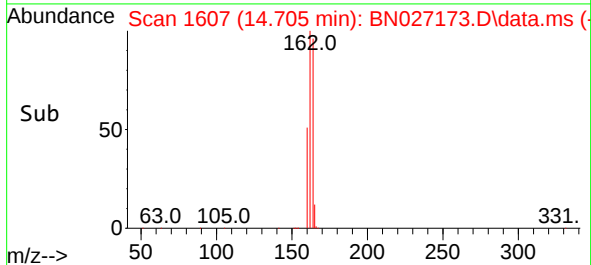
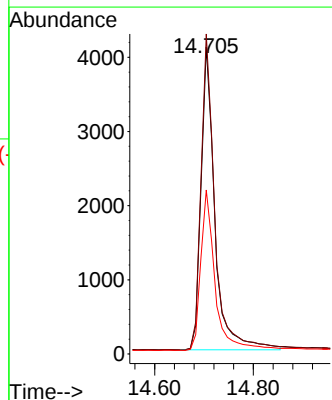
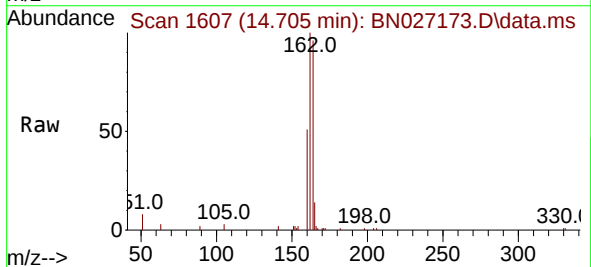
Instrument :
BNA_N
ClientSampleId :
RE109D1-20230816

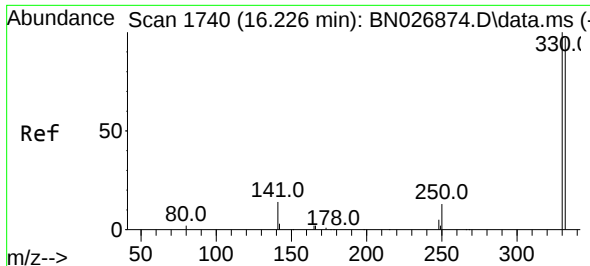
Tgt Ion:152 Resp: 5884
Ion Ratio Lower Upper
152 100
151 22.1 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BN027173.D
Acq: 27 Aug 2023 03:05

Tgt Ion:164 Resp: 7957
Ion Ratio Lower Upper
164 100
162 104.2 79.7 119.5
160 53.4 37.4 56.0

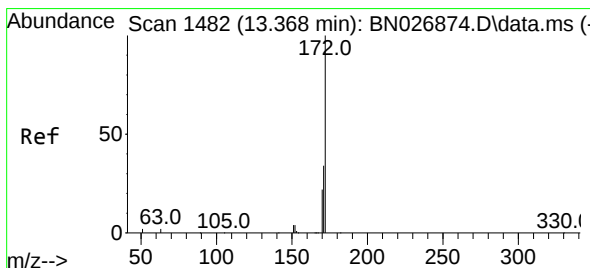
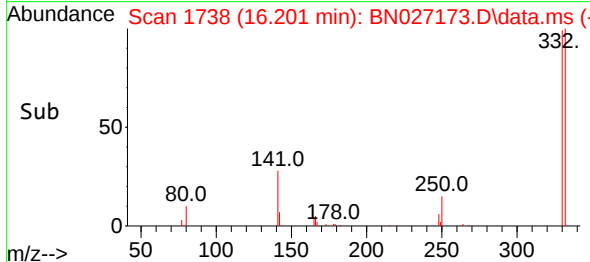
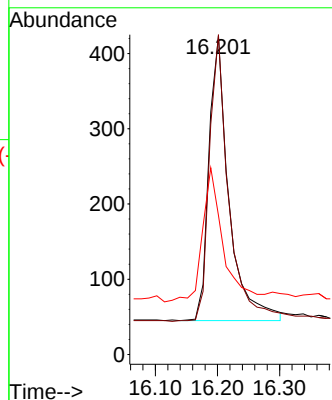
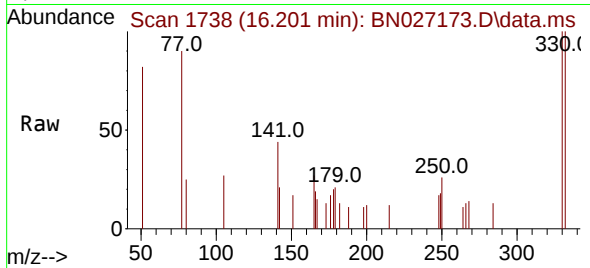




#14
2,4,6-Tribromophenol
Concen: 0.200 ng
RT: 16.201 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027173.D
Acq: 27 Aug 2023 03:05

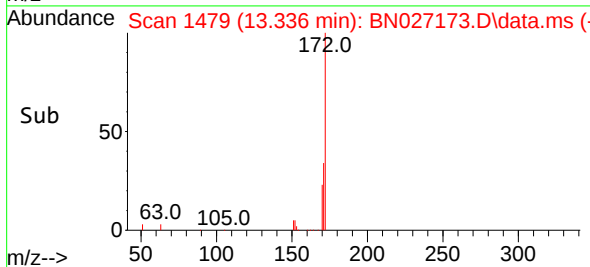
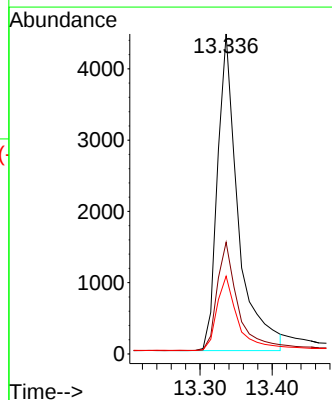
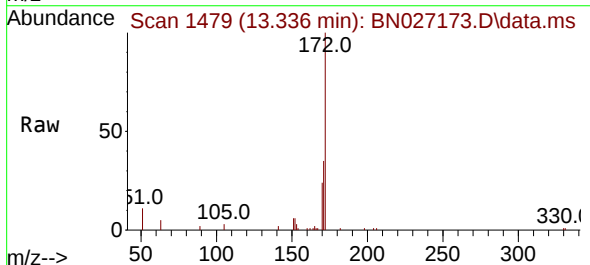
Instrument :
BNA_N
ClientSampleId :
RE109D1-20230816

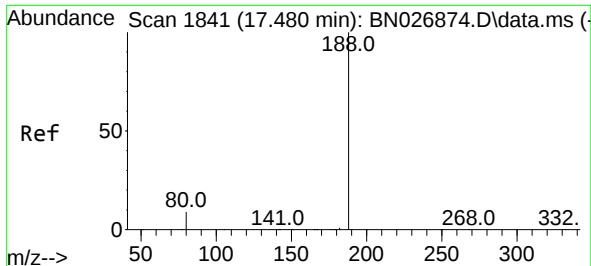
Tgt Ion:330 Resp: 848
Ion Ratio Lower Upper
330 100
332 97.5 76.6 114.8
141 46.5 32.3 48.5



#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 13.336 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BN027173.D
Acq: 27 Aug 2023 03:05

Tgt Ion:172 Resp: 8851
Ion Ratio Lower Upper
172 100
171 34.9 27.4 41.0
170 24.3 18.0 27.0

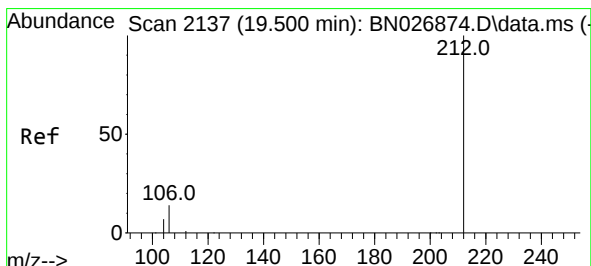
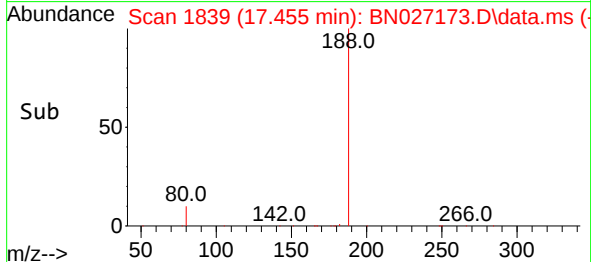
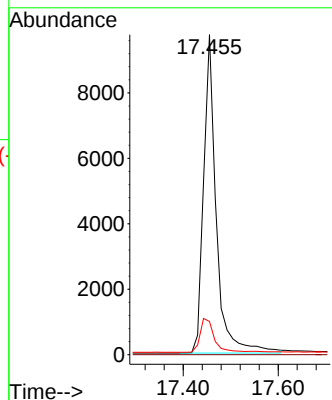
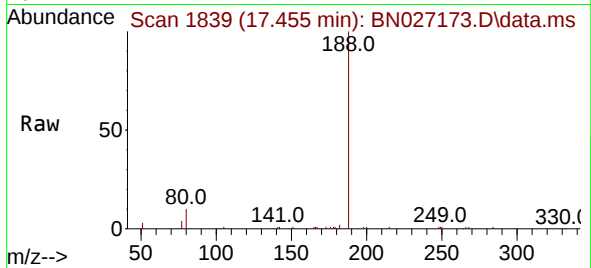




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN027173.D
Acq: 27 Aug 2023 03:05

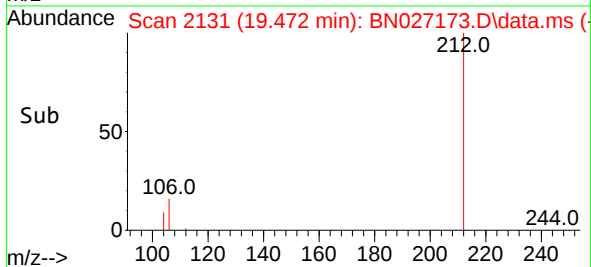
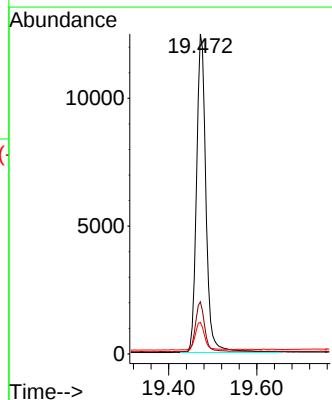
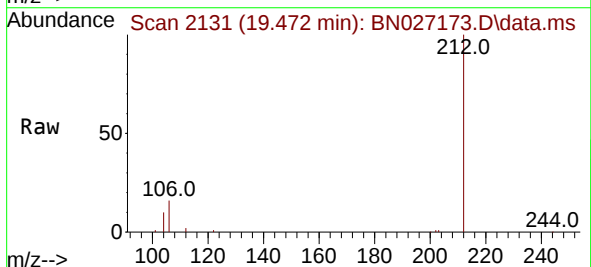
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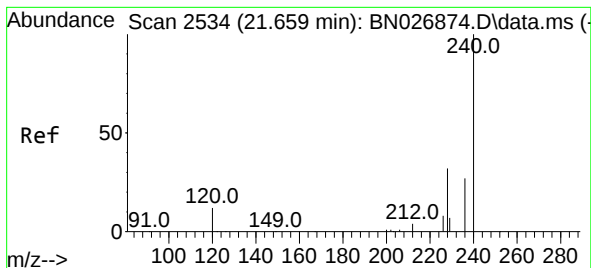
Tgt Ion:188 Resp: 18065
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 7.4 11.2



#27
Fluoranthene-d10
Concen: 0.402 ng
RT: 19.472 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BN027173.D
Acq: 27 Aug 2023 03:05

Tgt Ion:212 Resp: 18618
Ion Ratio Lower Upper
212 100
106 15.5 10.9 16.3
104 8.9 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: BN027173.D

Acq: 27 Aug 2023 03:05

Instrument :

BNA_N

ClientSampleId :

RE109D1-20230816

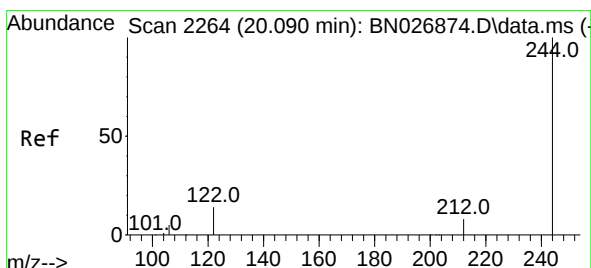
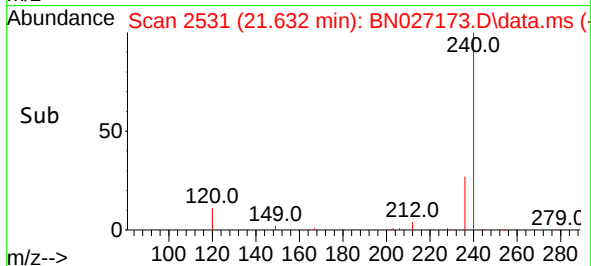
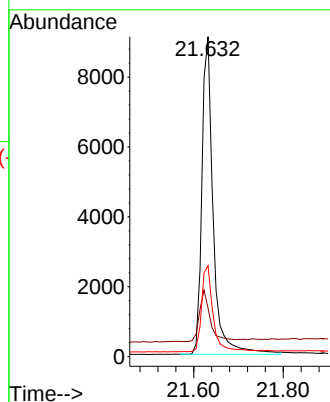
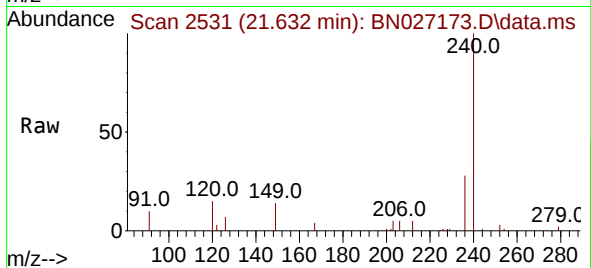
Tgt Ion:240 Resp: 15979

Ion Ratio Lower Upper

240 100

120 15.2 11.1 16.7

236 28.5 22.2 33.2



#31

Terphenyl-d14

Concen: 0.439 ng

RT: 20.057 min Scan# 2257

Delta R.T. -0.005 min

Lab File: BN027173.D

Acq: 27 Aug 2023 03:05

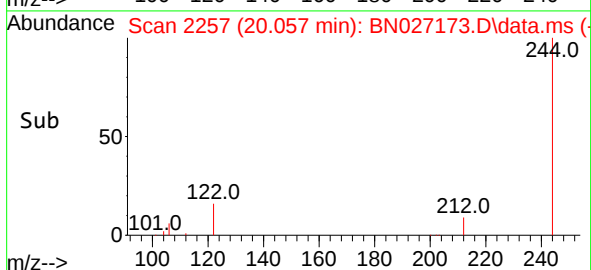
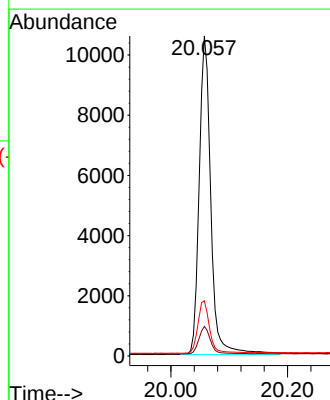
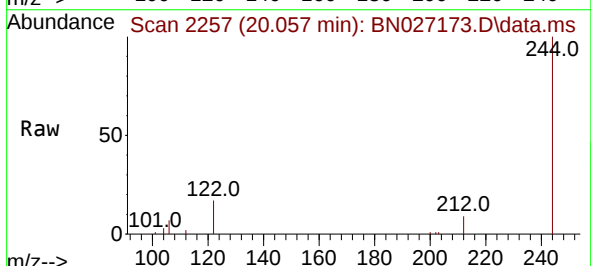
Tgt Ion:244 Resp: 14659

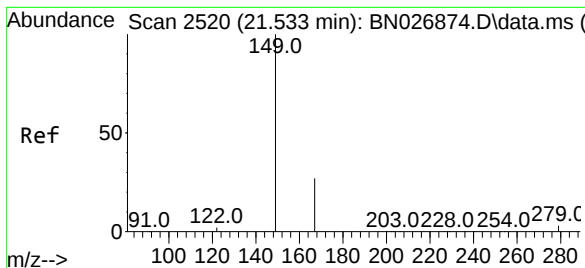
Ion Ratio Lower Upper

244 100

212 9.2 6.9 10.3

122 17.3 11.9 17.9

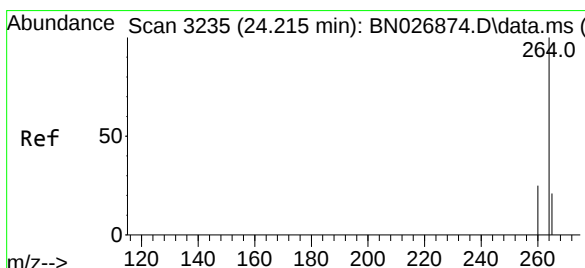
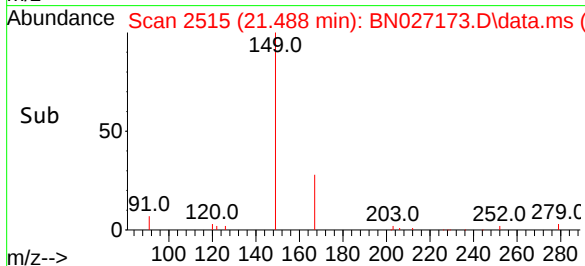
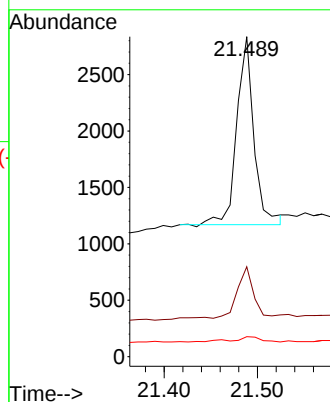
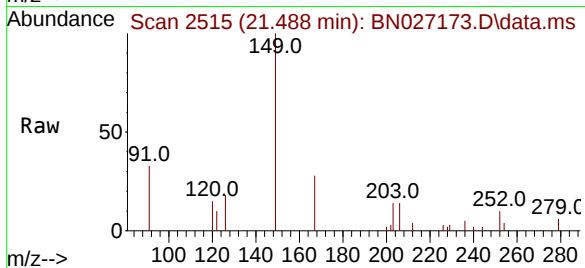




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.051 ng
 RT: 21.488 min Scan# 2149
 Delta R.T. -0.009 min
 Lab File: BN027173.D
 Acq: 27 Aug 2023 03:05

Instrument :
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Tgt Ion:149 Resp: 2135
 Ion Ratio Lower Upper
 149 100
 167 25.2 21.4 32.0
 279 4.5 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: BN027173.D
 Acq: 27 Aug 2023 03:05

Tgt Ion:264 Resp: 15337
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.4 30.6
 265 68.8 27.0 40.6#

