

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052223\
 Data File : BN025562.D
 Acq On : 23 May 2023 07:00
 Operator : CG/JU
 Sample : 02852-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-32-G3-SO-18-051823

Quant Time: May 23 07:34:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 23 03:22:57 2023
 Response via : Initial Calibration

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

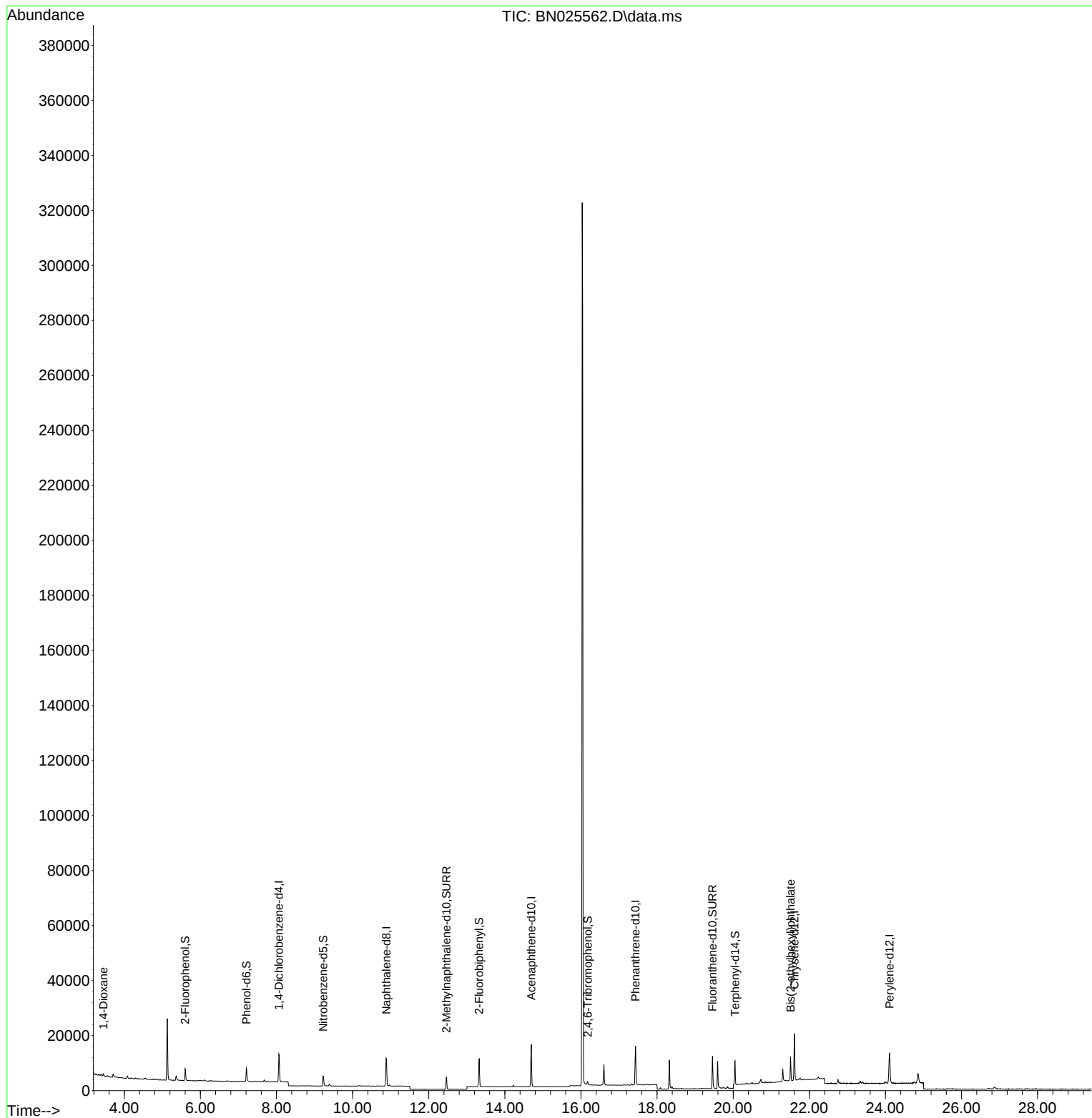
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	5101	0.400	ng	0.00
7) Naphthalene-d8	10.889	136	14741	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	8339	0.400	ng	0.00
19) Phenanthrene-d10	17.435	188	18536	0.400	ng	0.00
29) Chrysene-d12	21.607	240	15031	0.400	ng	0.00
35) Perylene-d12	24.109	264	16080	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.600	112	3548	0.270	ng	0.00
5) Phenol-d6	7.211	99	4518	0.273	ng	0.00
8) Nitrobenzene-d5	9.223	82	3315	0.244	ng	-0.01
11) 2-Methylnaphthalene-d10	12.464	152	6055	0.280	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	696	0.200	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	8927	0.247	ng	0.00
27) Fluoranthene-d10	19.456	212	12520	0.285	ng	0.00
31) Terphenyl-d14	20.049	244	8128	0.261	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.448	88	555	0.094	ng	Qvalue # 64
34) Bis(2-ethylhexyl)phtha...	21.509	149	8146	0.220	ng	98

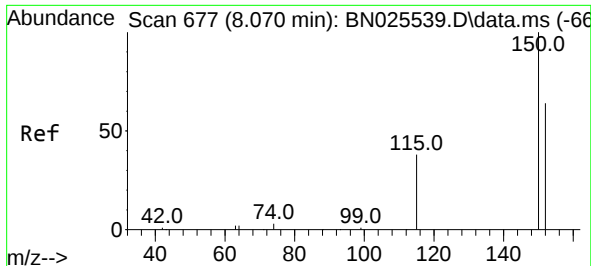
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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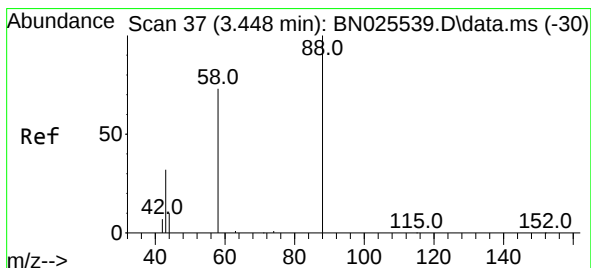
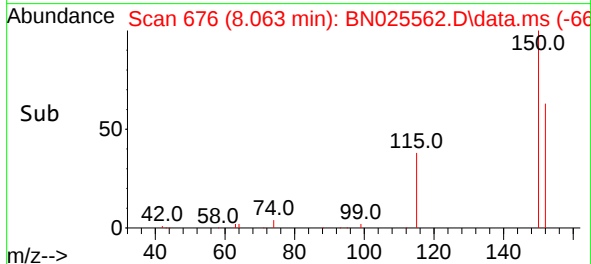
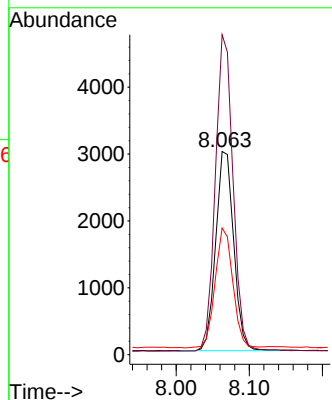
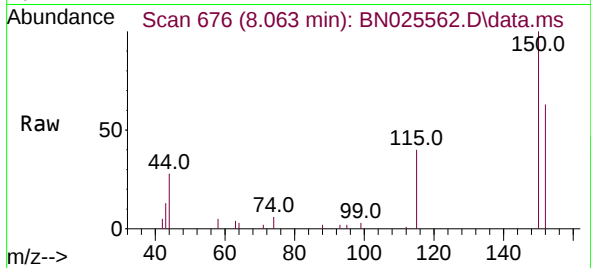




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.063 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN025562.D
Acq: 23 May 2023 07:00

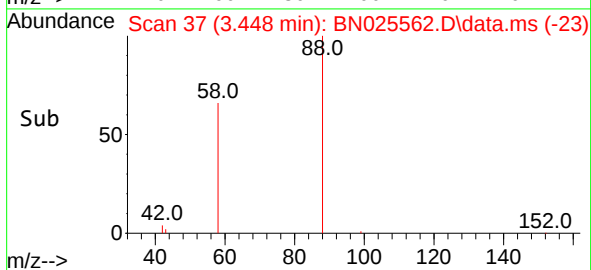
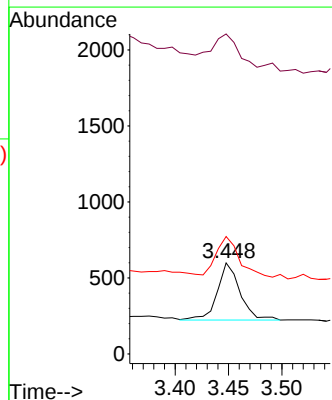
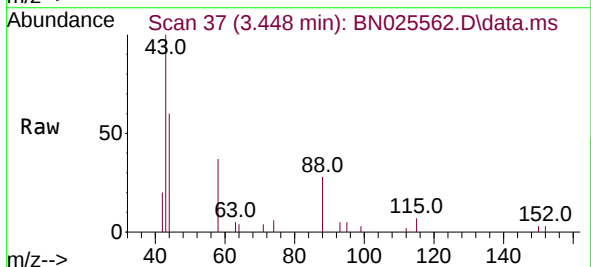
Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-18-051823

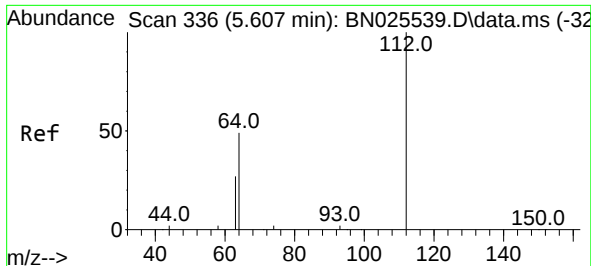
Tgt Ion:152 Resp: 5101
Ion Ratio Lower Upper
152 100
150 157.5 124.6 187.0
115 62.4 49.1 73.7



#2
1,4-Dioxane
Concen: 0.094 ng
RT: 3.448 min Scan# 37
Delta R.T. 0.000 min
Lab File: BN025562.D
Acq: 23 May 2023 07:00

Tgt Ion: 88 Resp: 555
Ion Ratio Lower Upper
88 100
43 90.6 25.8 38.8#
58 71.7 54.9 82.3

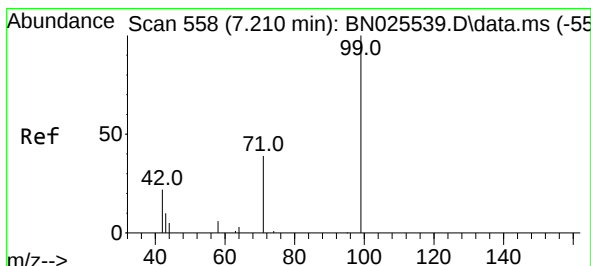
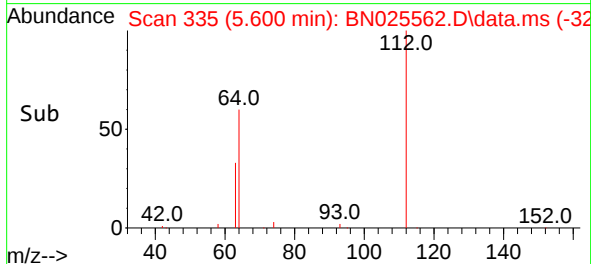
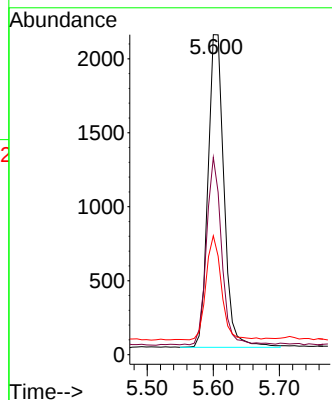
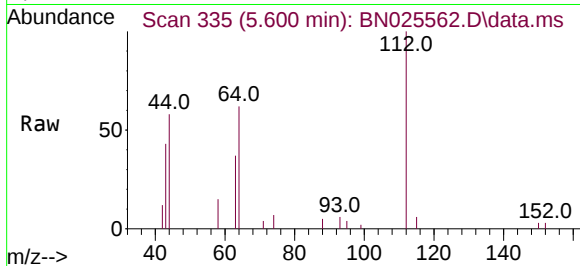




#4
2-Fluorophenol
Concen: 0.270 ng
RT: 5.600 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN025562.D
Acq: 23 May 2023 07:00

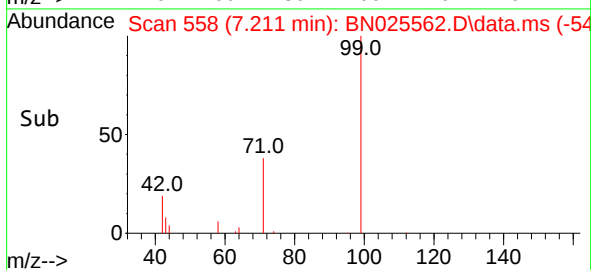
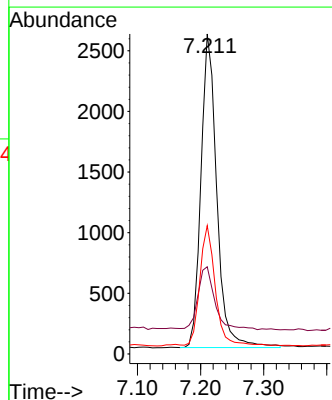
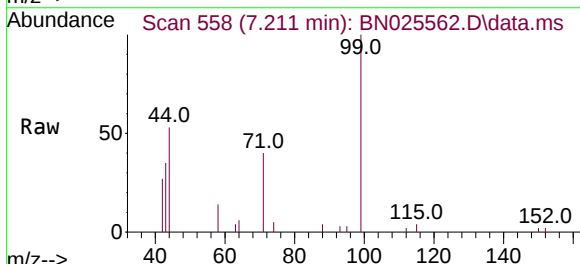
Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-18-051823

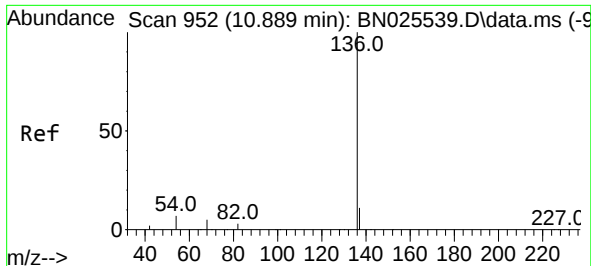
Tgt Ion:112 Resp: 3548
Ion Ratio Lower Upper
112 100
64 56.5 44.2 66.4
63 31.8 25.4 38.2



#5
Phenol-d6
Concen: 0.273 ng
RT: 7.211 min Scan# 558
Delta R.T. 0.000 min
Lab File: BN025562.D
Acq: 23 May 2023 07:00

Tgt Ion: 99 Resp: 4518
Ion Ratio Lower Upper
99 100
42 21.2 17.5 26.3
71 36.9 30.1 45.1

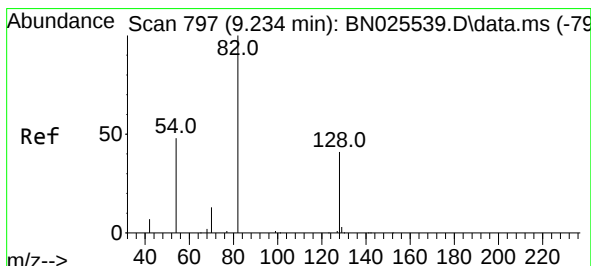
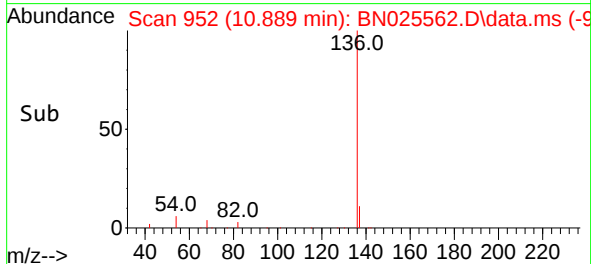
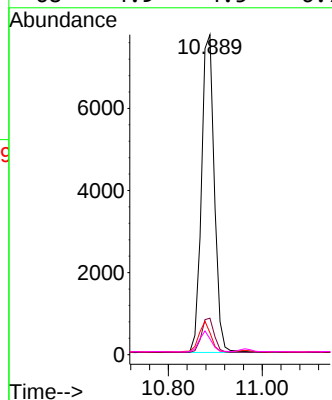
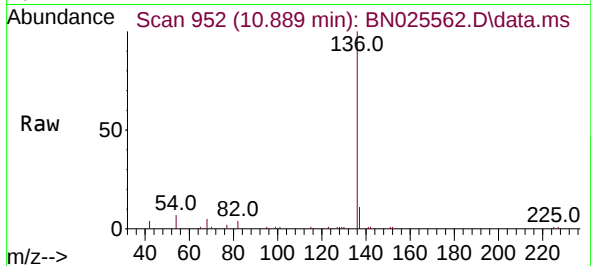




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.889 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN025562.D
Acq: 23 May 2023 07:00

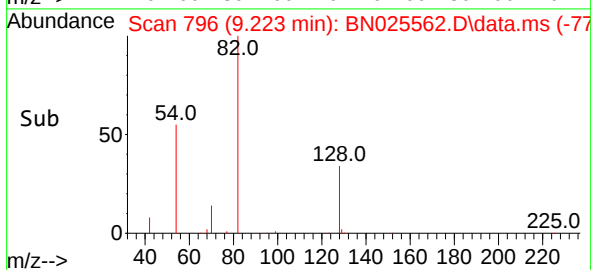
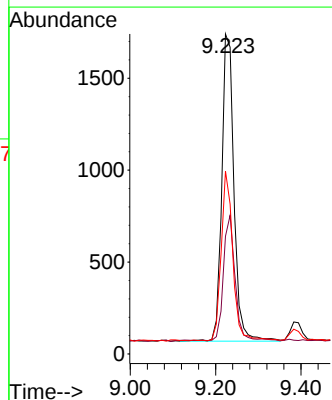
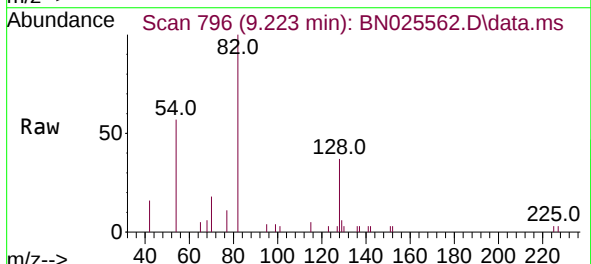
Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-18-051823

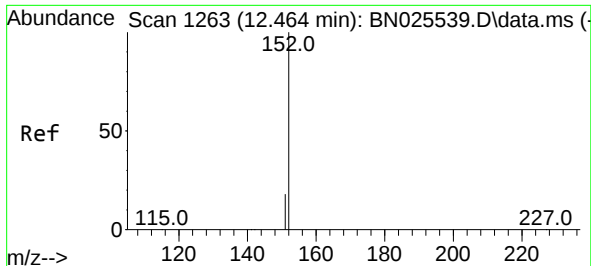
Tgt Ion:	136	Resp:	14741
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	6.8	6.2	9.4
68	4.9	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.244 ng
RT: 9.223 min Scan# 796
Delta R.T. -0.011 min
Lab File: BN025562.D
Acq: 23 May 2023 07:00

Tgt Ion:	82	Resp:	3315
Ion Ratio	Lower	Upper	
82	100		
128	36.8	33.8	50.8
54	57.2	39.8	59.6

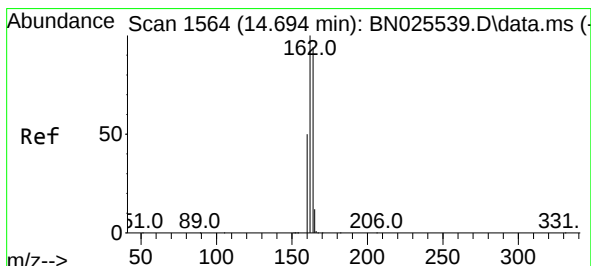
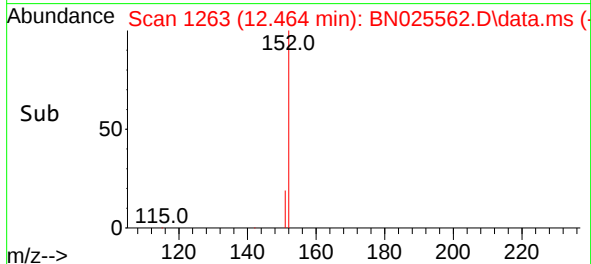
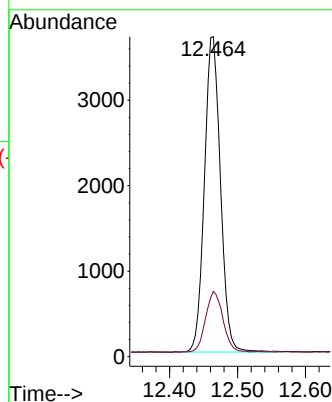
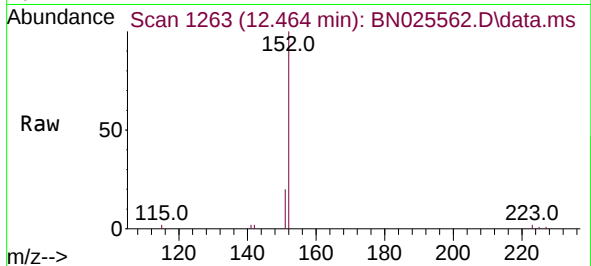




#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.464 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025562.D
Acq: 23 May 2023 07:00

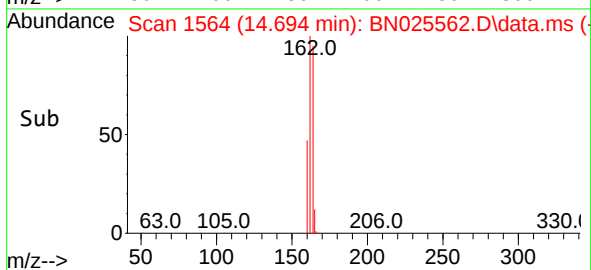
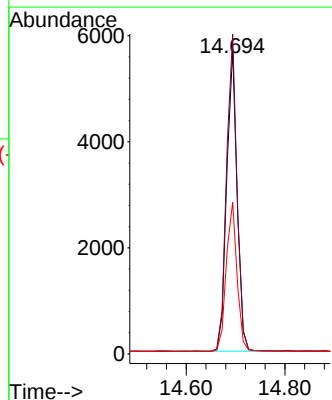
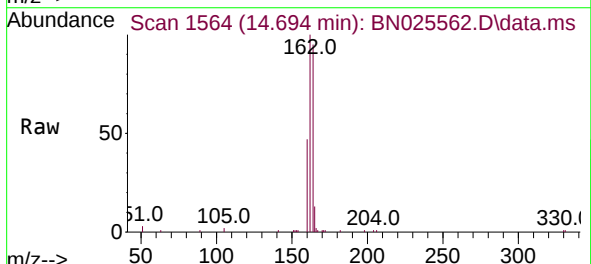
Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-18-051823

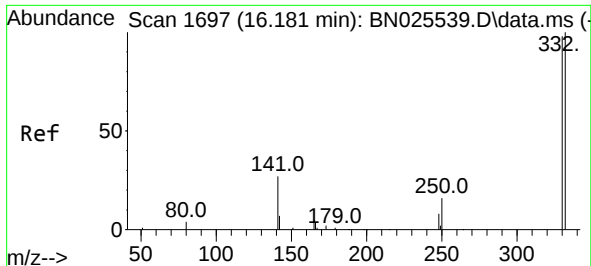
Tgt Ion:152 Resp: 6055
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BN025562.D
Acq: 23 May 2023 07:00

Tgt Ion:164 Resp: 8339
Ion Ratio Lower Upper
164 100
162 105.2 85.5 128.3
160 49.9 42.9 64.3

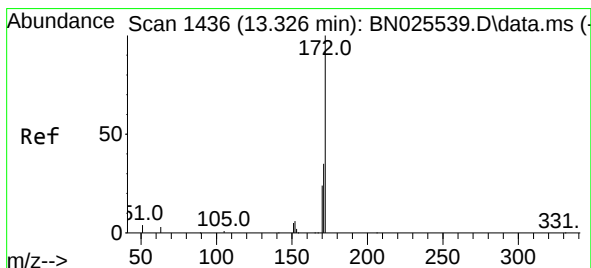
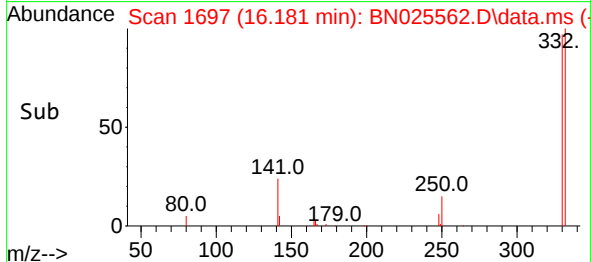
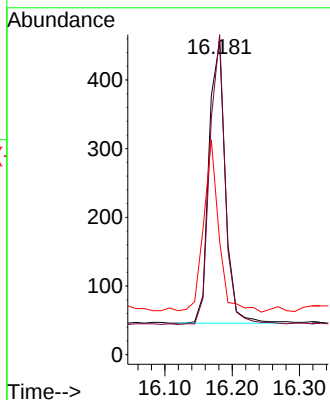
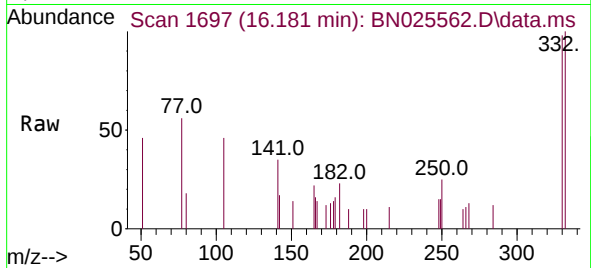




#14
2,4,6-Tribromophenol
Concen: 0.200 ng
RT: 16.181 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN025562.D
Acq: 23 May 2023 07:00

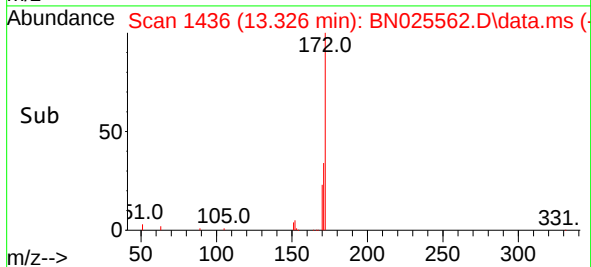
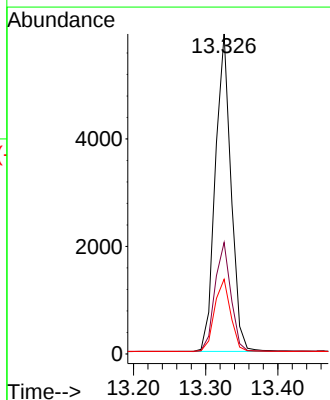
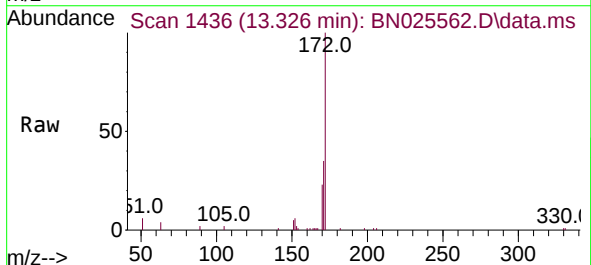
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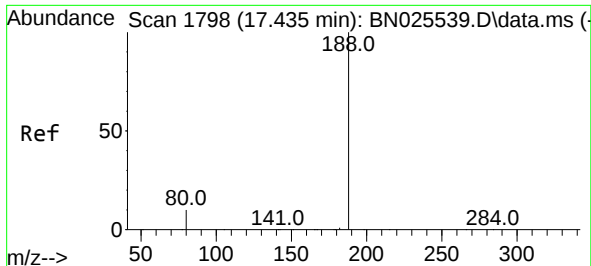
Tgt Ion:	330	Resp:	696
Ion Ratio	Lower	Upper	
330	100		
332	97.4	76.7	115.1
141	57.0	43.0	64.6



#15
2-Fluorobiphenyl
Concen: 0.247 ng
RT: 13.326 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BN025562.D
Acq: 23 May 2023 07:00

Tgt Ion:	172	Resp:	8927
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.3	42.5
170	23.3	19.3	28.9

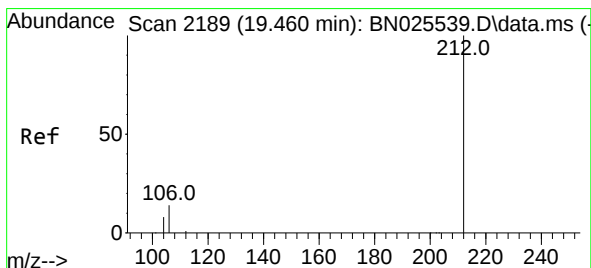
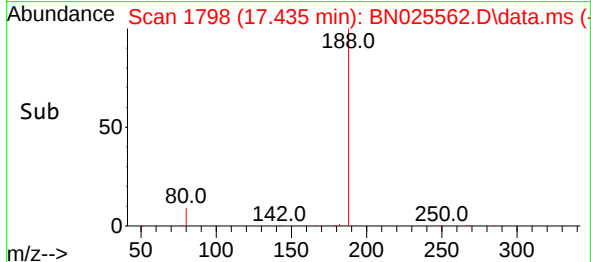
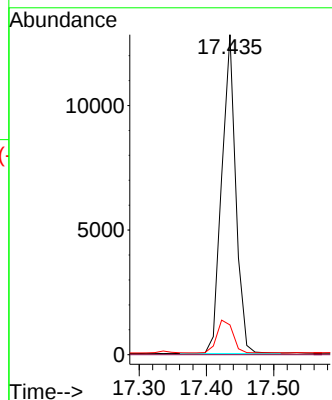
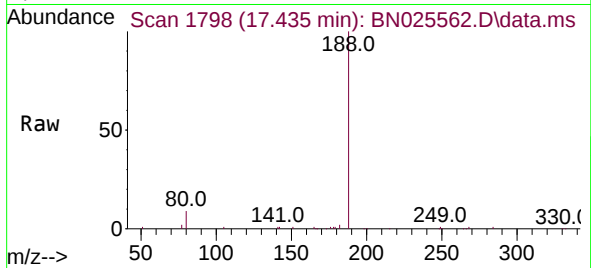




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.435 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025562.D
Acq: 23 May 2023 07:00

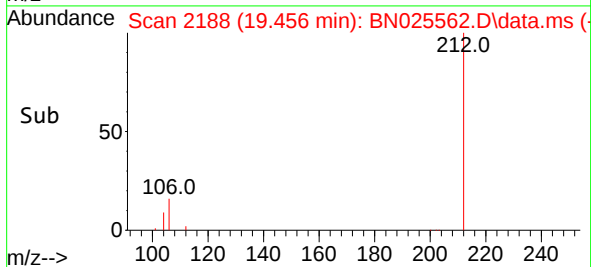
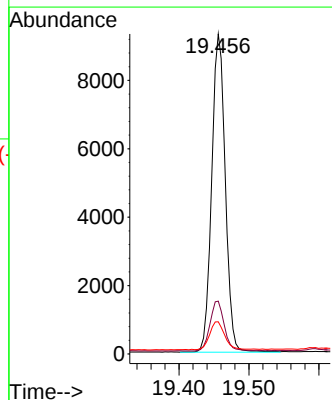
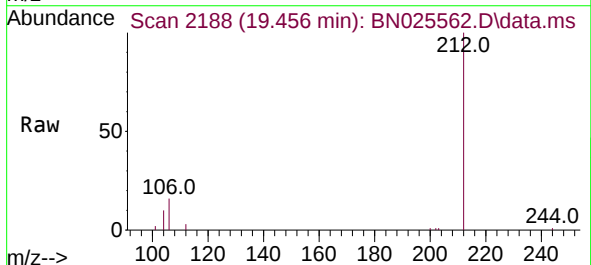
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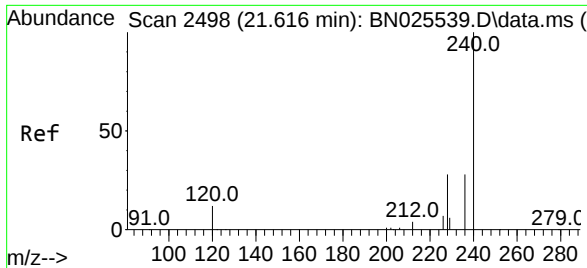
Tgt Ion:188 Resp: 18536
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 8.8 13.2



#27
Fluoranthene-d10
Concen: 0.285 ng
RT: 19.456 min Scan# 2188
Delta R.T. -0.004 min
Lab File: BN025562.D
Acq: 23 May 2023 07:00

Tgt Ion:212 Resp: 12520
Ion Ratio Lower Upper
212 100
106 16.3 11.4 17.2
104 9.8 6.8 10.2

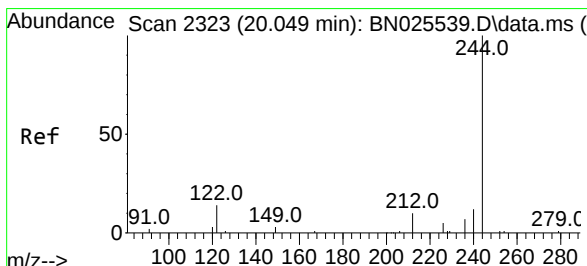
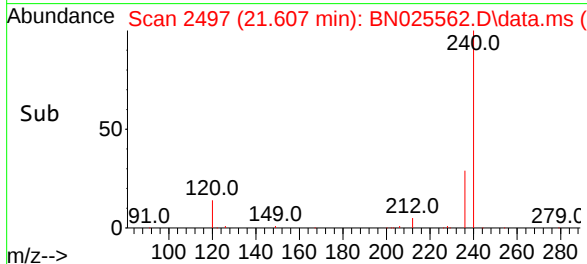
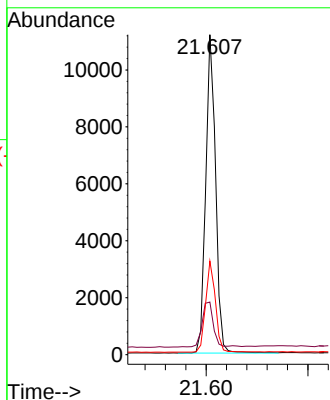
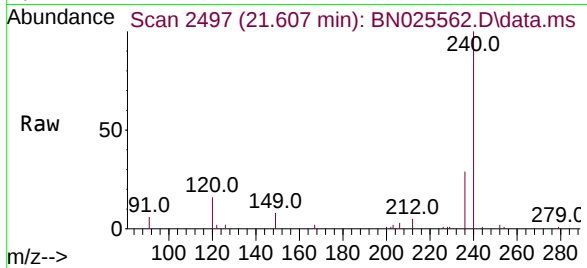




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.607 min Scan# 2498
Delta R.T. -0.009 min
Lab File: BN025562.D
Acq: 23 May 2023 07:00

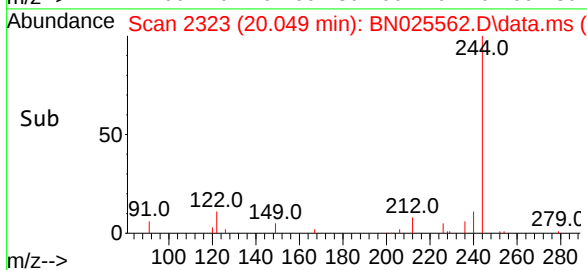
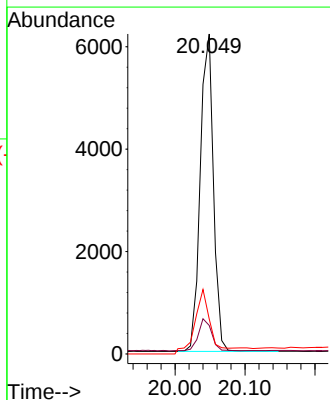
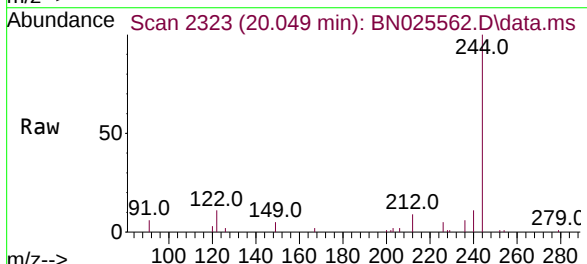
Instrument :
BNA_N
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CB-32-G3-SO-18-051823

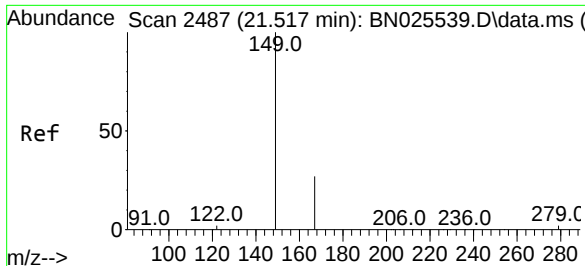
Tgt Ion:240 Resp: 15031
Ion Ratio Lower Upper
240 100
120 16.5 11.7 17.5
236 29.2 23.0 34.6



#31
Terphenyl-d14
Concen: 0.261 ng
RT: 20.049 min Scan# 2323
Delta R.T. 0.000 min
Lab File: BN025562.D
Acq: 23 May 2023 07:00

Tgt Ion:244 Resp: 8128
Ion Ratio Lower Upper
244 100
212 8.9 8.4 12.6
122 10.9 11.4 17.0#

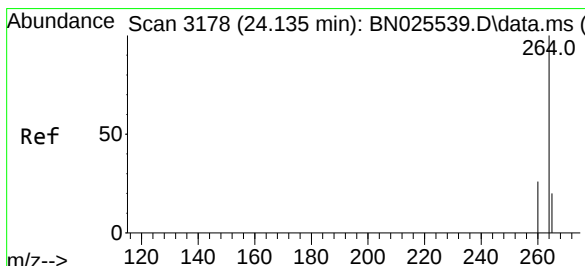
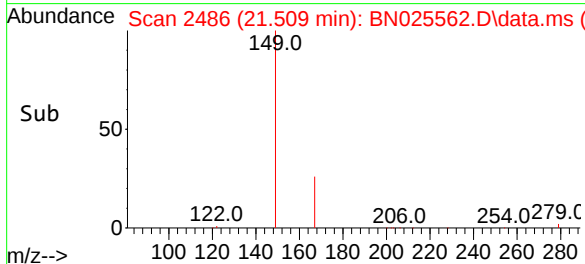
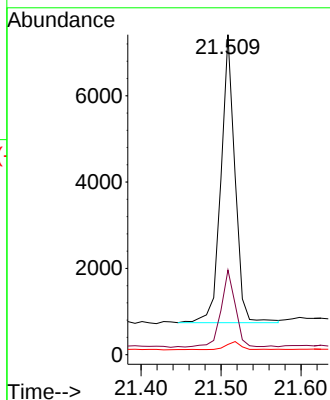
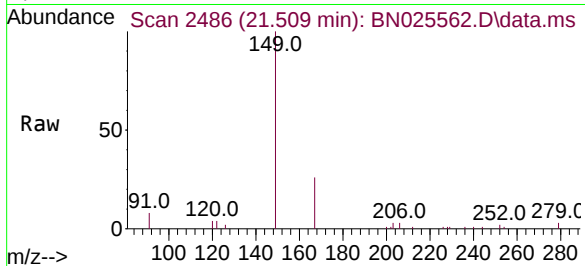




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.220 ng
 RT: 21.509 min Scan# 2487
 Delta R.T. -0.009 min
 Lab File: BN025562.D
 Acq: 23 May 2023 07:00

Instrument :
 BNA_N
 ClientSampleId :
 CB-32-G3-SO-18-051823

Tgt Ion:	149	Resp:	8146
Ion Ratio	Lower	Upper	
149	100		
167	27.8	21.5	32.3
279	2.8	2.6	4.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.109 min Scan# 3169
 Delta R.T. -0.026 min
 Lab File: BN025562.D
 Acq: 23 May 2023 07:00

Tgt Ion:	264	Resp:	16080
Ion Ratio	Lower	Upper	
264	100		
260	26.8	21.1	31.7
265	40.6	35.5	53.3

