

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102622\
 Data File : BN022334.D
 Acq On : 26 Oct 2022 13:30
 Operator : CG/JU
 Sample : N5231-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20221020

Quant Time: Oct 27 05:58:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 05:55:40 2022
 Response via : Initial Calibration

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

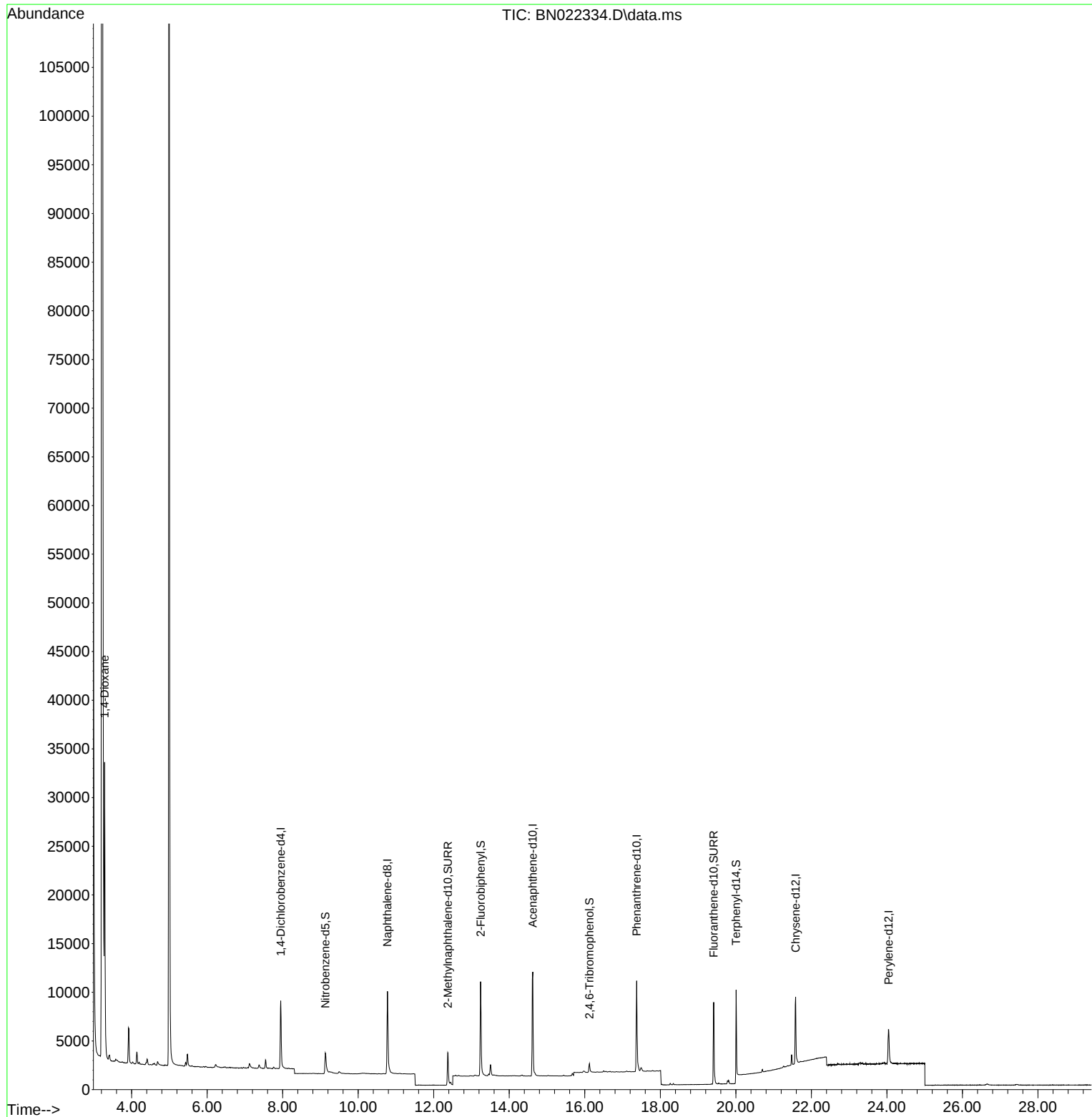
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	3803	0.400	ng	0.00
7) Naphthalene-d8	10.773	136	12877	0.400	ng	0.00
13) Acenaphthene-d10	14.621	164	7380	0.400	ng	0.01
19) Phenanthrene-d10	17.375	188	13114	0.400	ng	# 0.00
29) Chrysene-d12	21.582	240	6989	0.400	ng	0.00
35) Perylene-d12	24.043	264	5816	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.479	112	1230	0.140	ng	0.00
5) Phenol-d6	7.119	99	843	0.074	ng	0.01
8) Nitrobenzene-d5	9.129	82	2881	0.278	ng	0.01
11) 2-Methylnaphthalene-d10	12.372	152	6082	0.257	ng	0.00
14) 2,4,6-Tribromophenol	16.121	330	583	0.207	ng	0.00
15) 2-Fluorobiphenyl	13.242	172	9777	0.303	ng	0.00
27) Fluoranthene-d10	19.411	212	9938	0.285	ng	0.00
31) Terphenyl-d14	20.006	244	7925	0.564	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.284	88	17238	3.503	ng	Qvalue 99

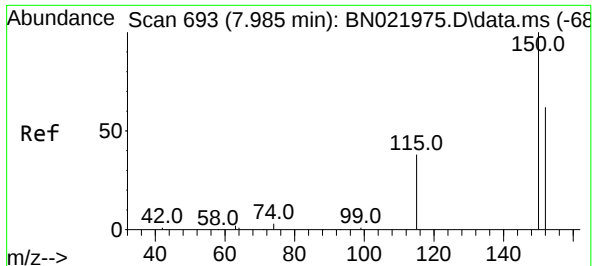
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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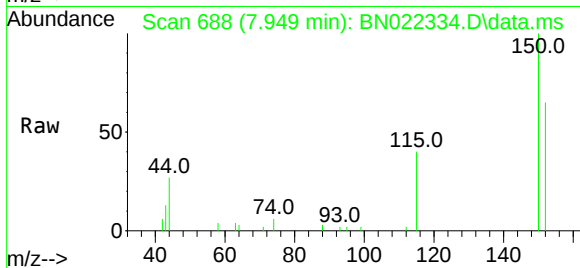
Quant Time: Oct 27 05:58:49 2022
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Response via : Initial Calibration



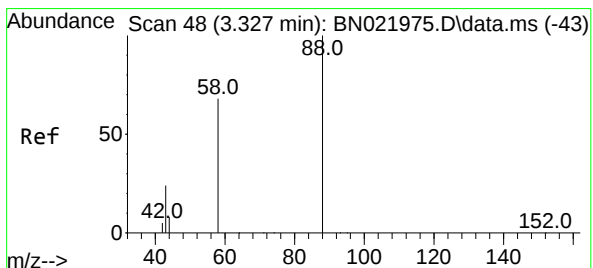
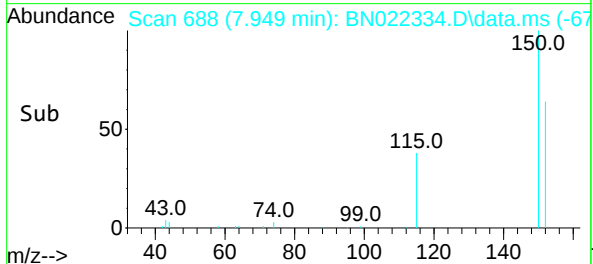
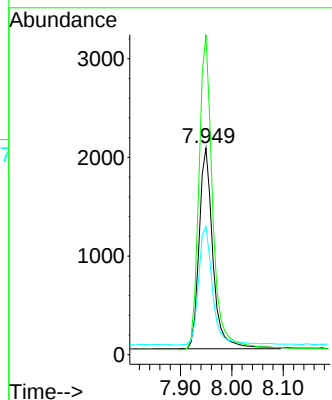


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.949 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN022334.D
 Acq: 26 Oct 2022 13:30

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20221020

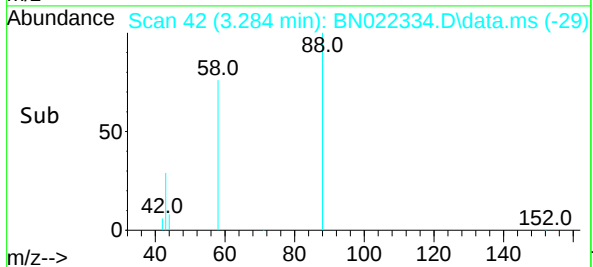
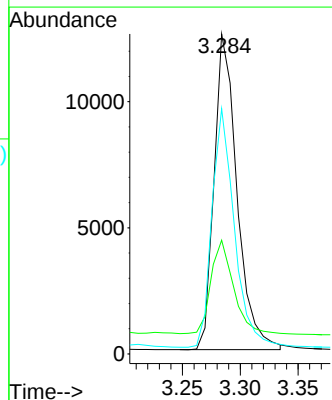
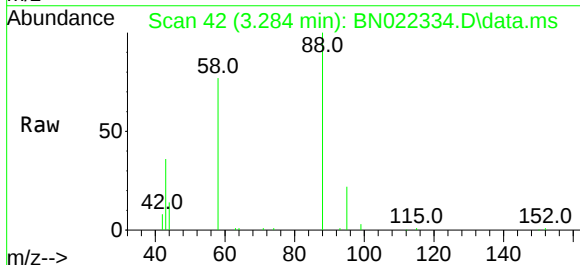


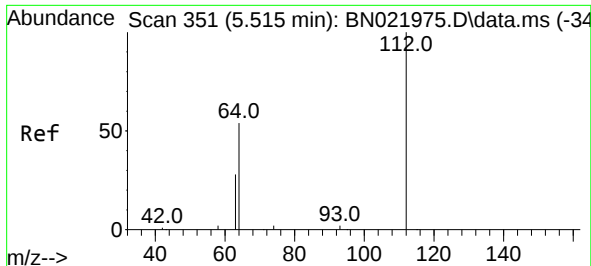
Tgt Ion: 152 Resp: 3803
 Ion Ratio Lower Upper
 152 100
 150 154.9 127.2 190.8
 115 62.0 51.4 77.0



#2
 1,4-Dioxane
 Concen: 3.503 ng
 RT: 3.284 min Scan# 42
 Delta R.T. -0.007 min
 Lab File: BN022334.D
 Acq: 26 Oct 2022 13:30

Tgt Ion: 88 Resp: 17238
 Ion Ratio Lower Upper
 88 100
 43 28.9 22.6 34.0
 58 73.7 58.6 88.0

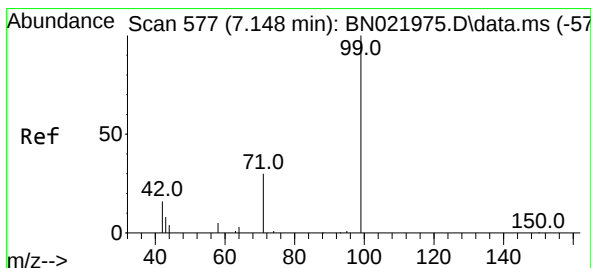
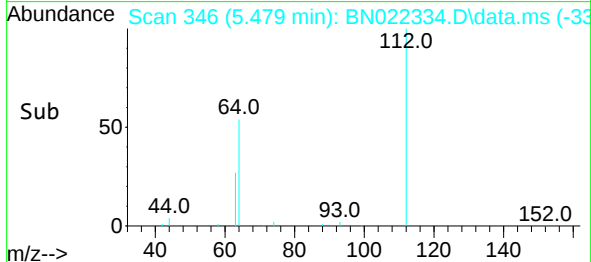
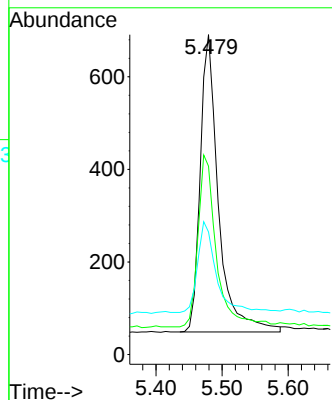
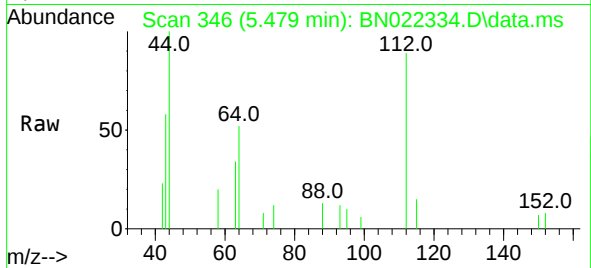




#4
2-Fluorophenol
Concen: 0.140 ng
RT: 5.479 min Scan# 34
Delta R.T. 0.007 min
Lab File: BN022334.D
Acq: 26 Oct 2022 13:30

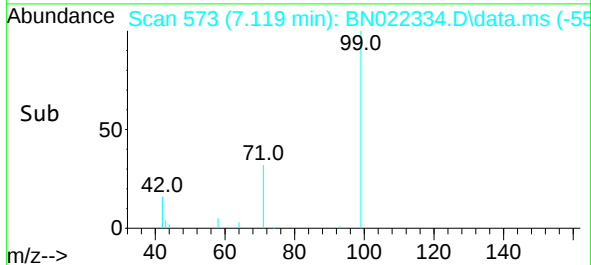
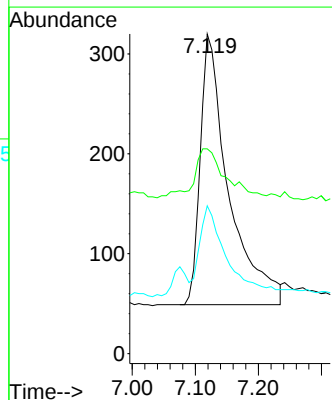
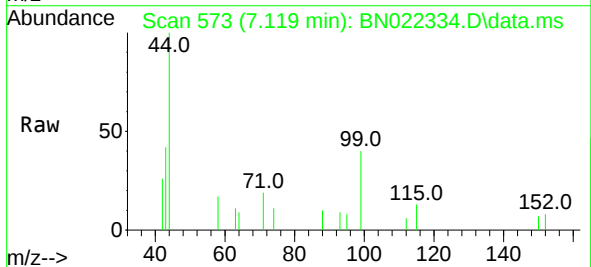
Instrument :
BNA_N
ClientSampleId :
SP-100-20221020

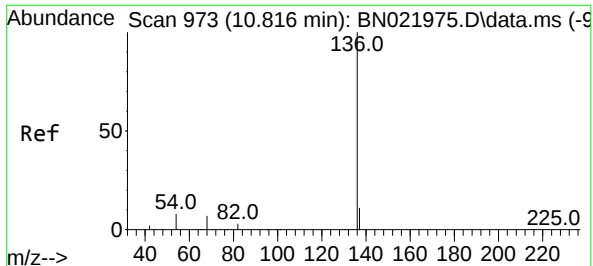
Tgt Ion:112 Resp: 1230
Ion Ratio Lower Upper
112 100
64 58.3 46.9 70.3
63 31.1 24.6 37.0



#5
Phenol-d6
Concen: 0.074 ng
RT: 7.119 min Scan# 573
Delta R.T. 0.014 min
Lab File: BN022334.D
Acq: 26 Oct 2022 13:30

Tgt Ion: 99 Resp: 843
Ion Ratio Lower Upper
99 100
42 19.8 15.9 23.9
71 28.4 25.6 38.4

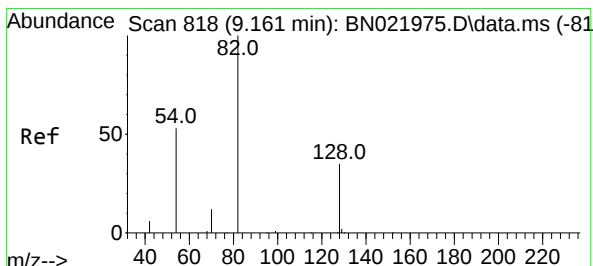
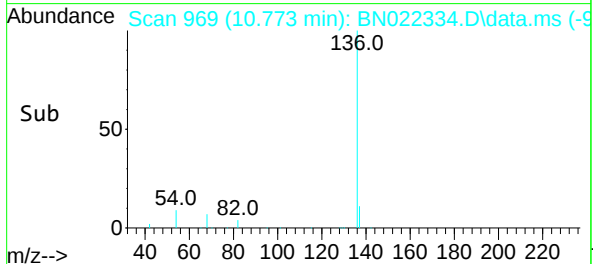
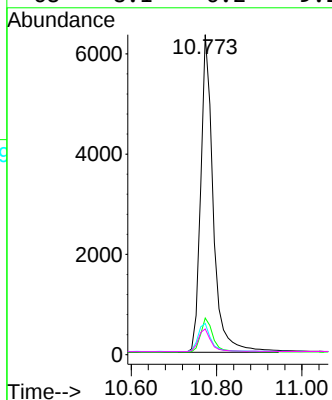
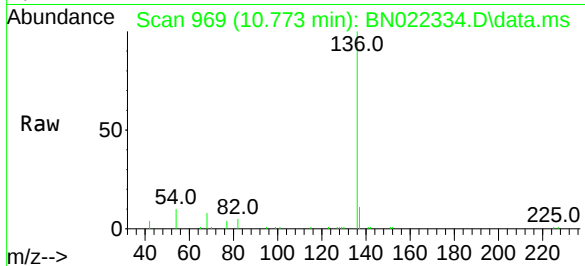




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.773 min Scan# 90
Delta R.T. 0.000 min
Lab File: BN022334.D
Acq: 26 Oct 2022 13:30

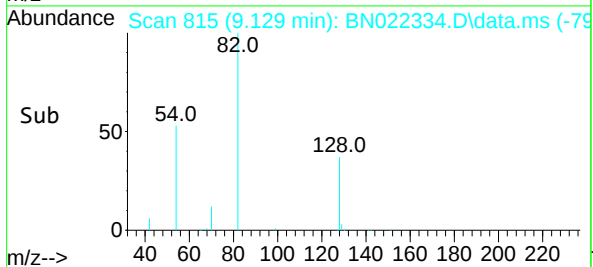
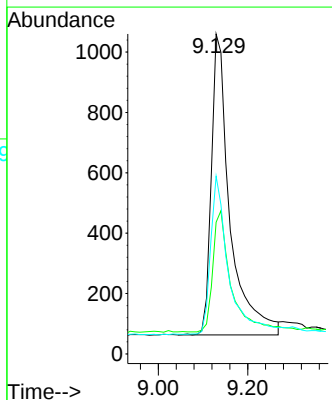
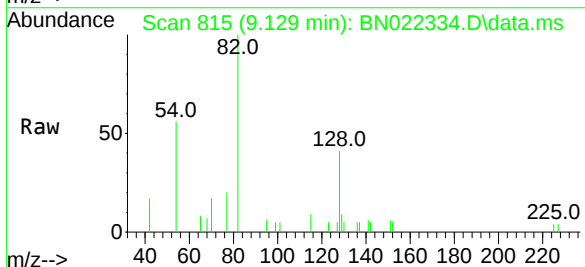
Instrument :
BNA_N
ClientSampleId :
SP-100-20221020

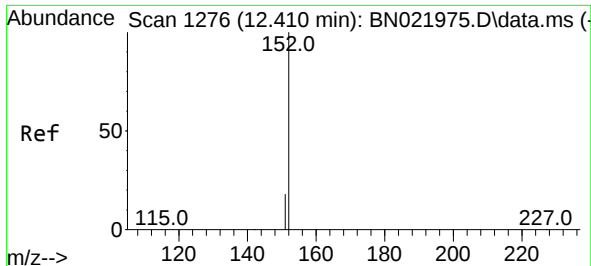
Tgt Ion:	136	Resp:	12877
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.2	13.8
54	9.7	7.1	10.7
68	8.1	6.2	9.2



#8
Nitrobenzene-d5
Concen: 0.278 ng
RT: 9.129 min Scan# 815
Delta R.T. 0.011 min
Lab File: BN022334.D
Acq: 26 Oct 2022 13:30

Tgt Ion:	82	Resp:	2881
Ion Ratio	Lower	Upper	
82	100		
128	41.1	29.9	44.9
54	55.6	43.5	65.3

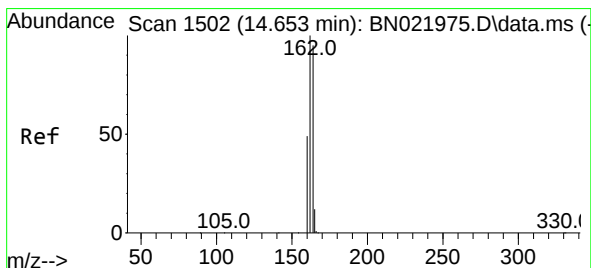
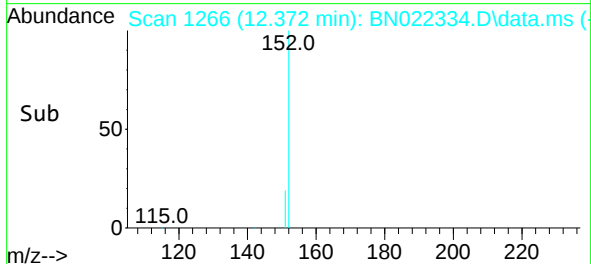
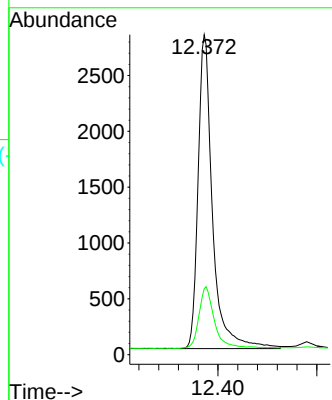
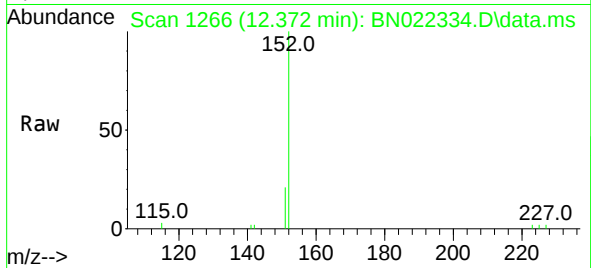




#11
2-Methylnaphthalene-d10
Concen: 0.257 ng
RT: 12.372 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN022334.D
Acq: 26 Oct 2022 13:30

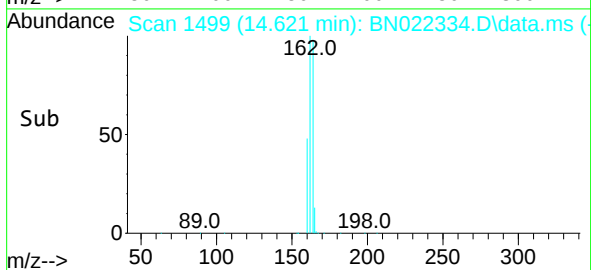
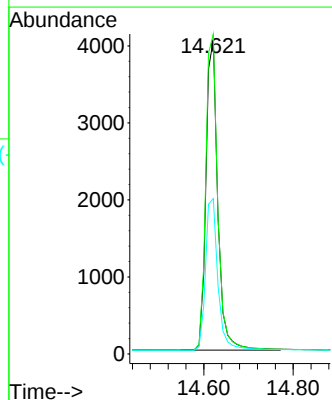
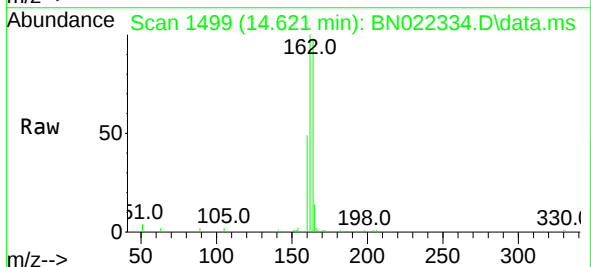
Instrument :
BNA_N
ClientSampleId :
SP-100-20221020

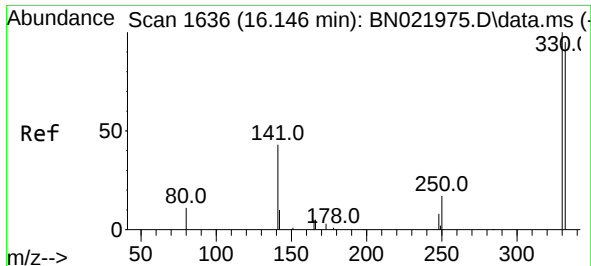
Tgt Ion:152 Resp: 6082
Ion Ratio Lower Upper
152 100
151 19.3 13.8 20.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.621 min Scan# 1499
Delta R.T. 0.011 min
Lab File: BN022334.D
Acq: 26 Oct 2022 13:30

Tgt Ion:164 Resp: 7380
Ion Ratio Lower Upper
164 100
162 101.8 84.3 126.5
160 49.5 41.7 62.5

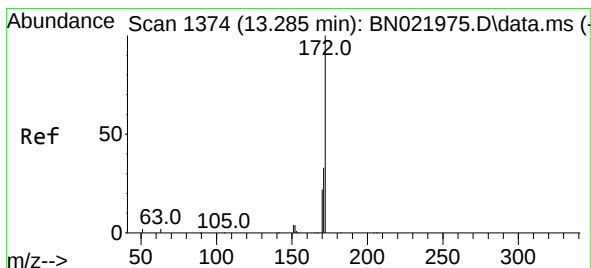
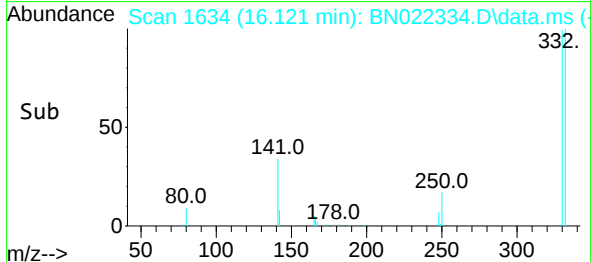
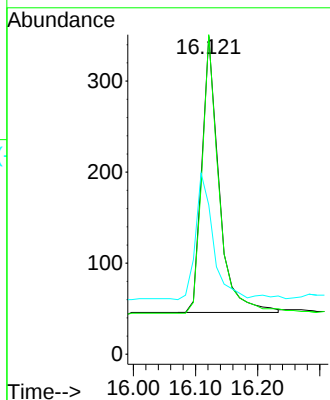
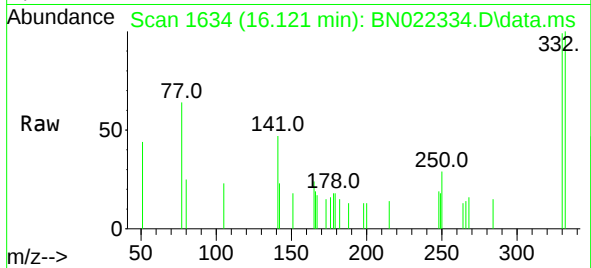




#14
2,4,6-Tribromophenol
Concen: 0.207 ng
RT: 16.121 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022334.D
Acq: 26 Oct 2022 13:30

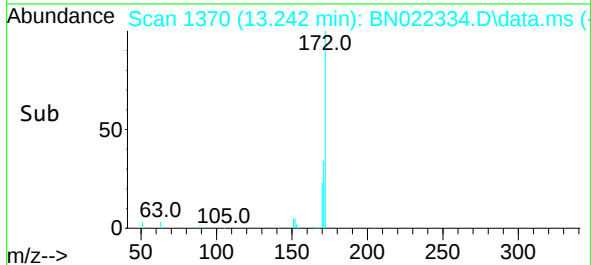
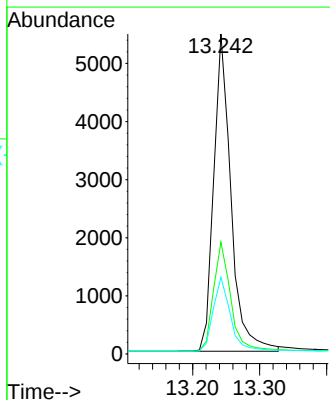
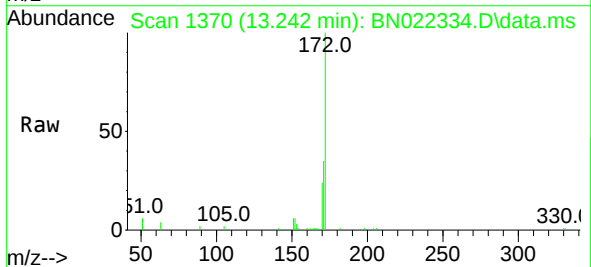
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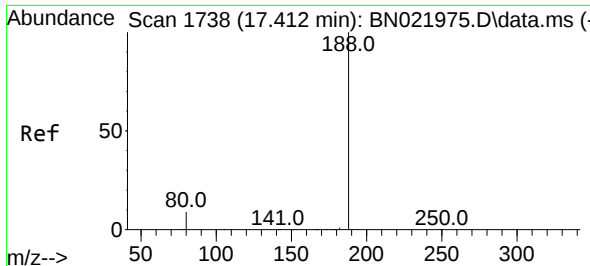
Tgt Ion:330 Resp: 583
Ion Ratio Lower Upper
330 100
332 98.8 77.0 115.4
141 46.8 35.3 52.9



#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 13.242 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BN022334.D
Acq: 26 Oct 2022 13:30

Tgt Ion:172 Resp: 9777
Ion Ratio Lower Upper
172 100
171 34.9 27.2 40.8
170 23.9 18.3 27.5

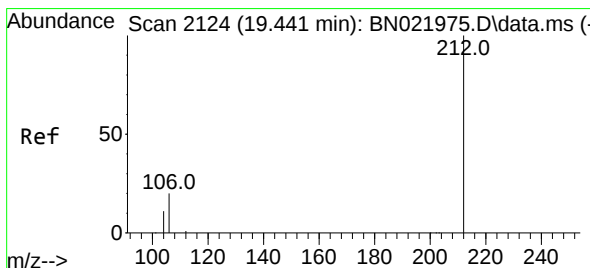
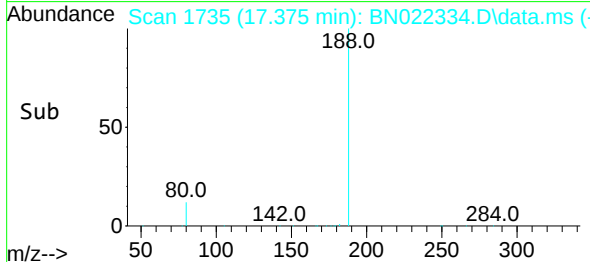
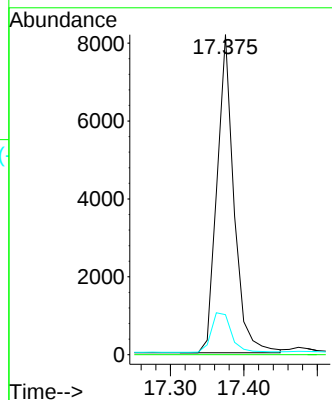
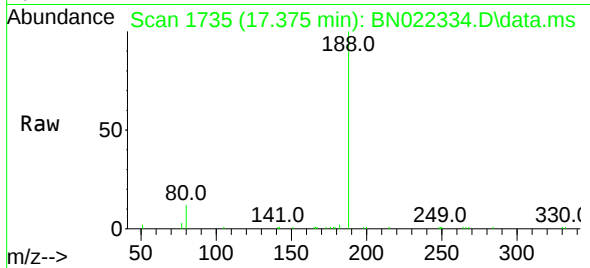




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022334.D
Acq: 26 Oct 2022 13:30

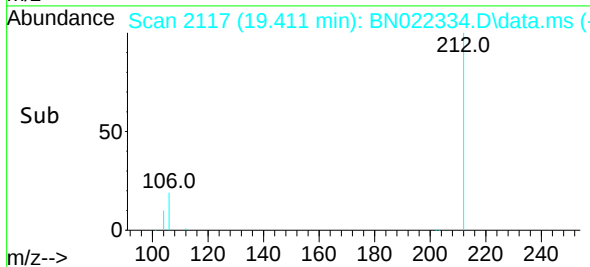
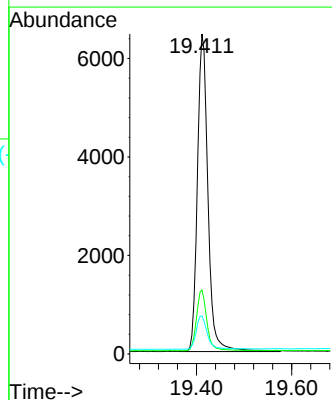
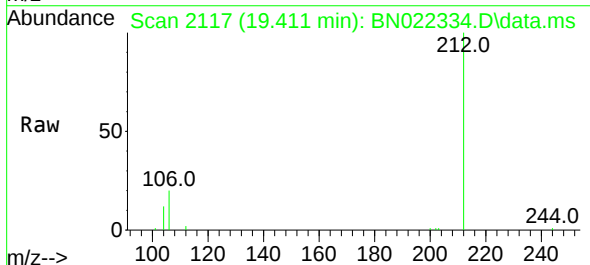
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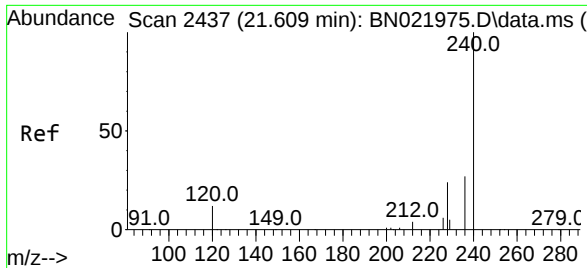
Tgt Ion:188 Resp: 13114
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 7.5 11.3#



#27
Fluoranthene-d10
Concen: 0.285 ng
RT: 19.411 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BN022334.D
Acq: 26 Oct 2022 13:30

Tgt Ion:212 Resp: 9938
Ion Ratio Lower Upper
212 100
106 18.9 15.2 22.8
104 11.1 8.6 13.0

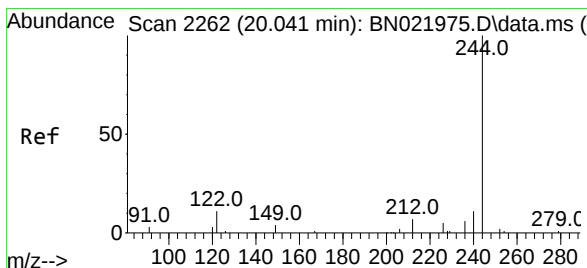
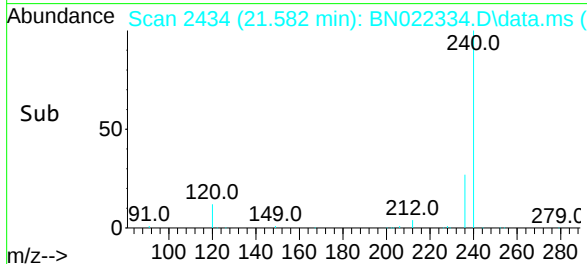
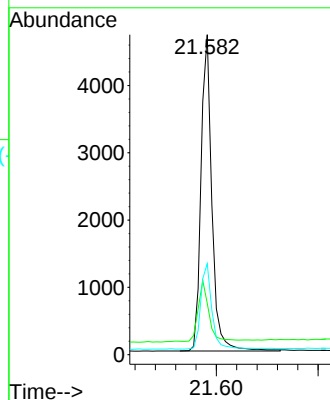
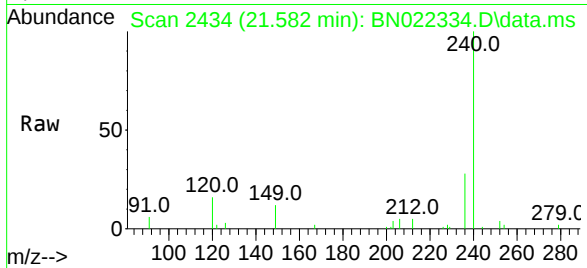




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.582 min Scan# 2434
Delta R.T. 0.009 min
Lab File: BN022334.D
Acq: 26 Oct 2022 13:30

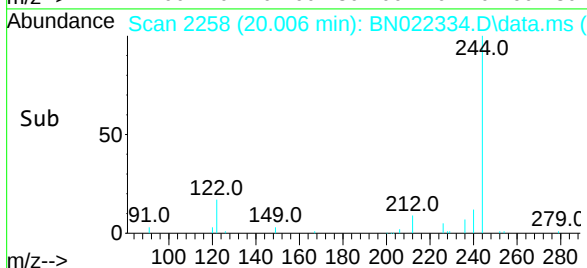
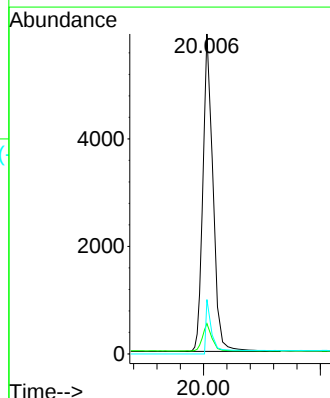
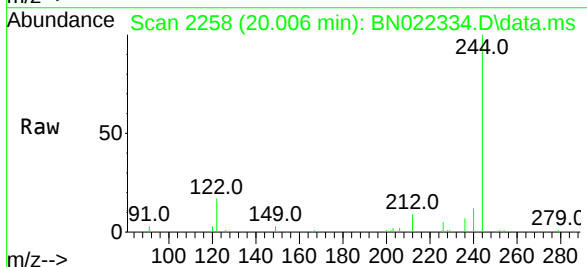
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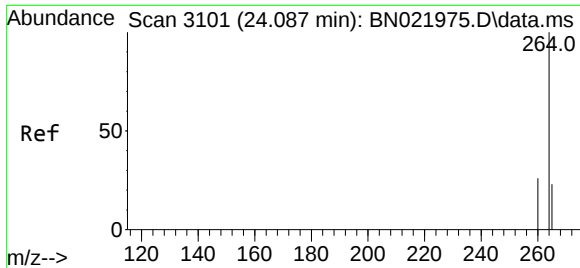
Tgt Ion:240 Resp: 6989
Ion Ratio Lower Upper
240 100
120 16.0 11.8 17.6
236 28.4 22.4 33.6



#31
Terphenyl-d14
Concen: 0.564 ng
RT: 20.006 min Scan# 2258
Delta R.T. 0.000 min
Lab File: BN022334.D
Acq: 26 Oct 2022 13:30

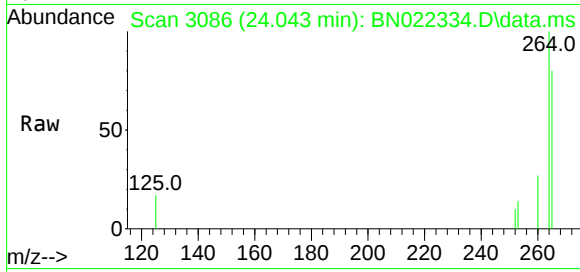
Tgt Ion:244 Resp: 7925
Ion Ratio Lower Upper
244 100
212 9.5 6.5 9.7
122 17.0 9.1 13.7#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.043 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BN022334.D
 Acq: 26 Oct 2022 13:30

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20221020



Tgt Ion:264 Resp: 5816

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.3	31.9
265	80.2	63.0	94.4

