

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
 Data File : BN029163.D
 Acq On : 21 Dec 2023 22:43
 Operator : MA/JU
 Sample : 05921-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20231218

Quant Time: Dec 21 23:28:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 18:03:30 2023
 Response via : Initial Calibration

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

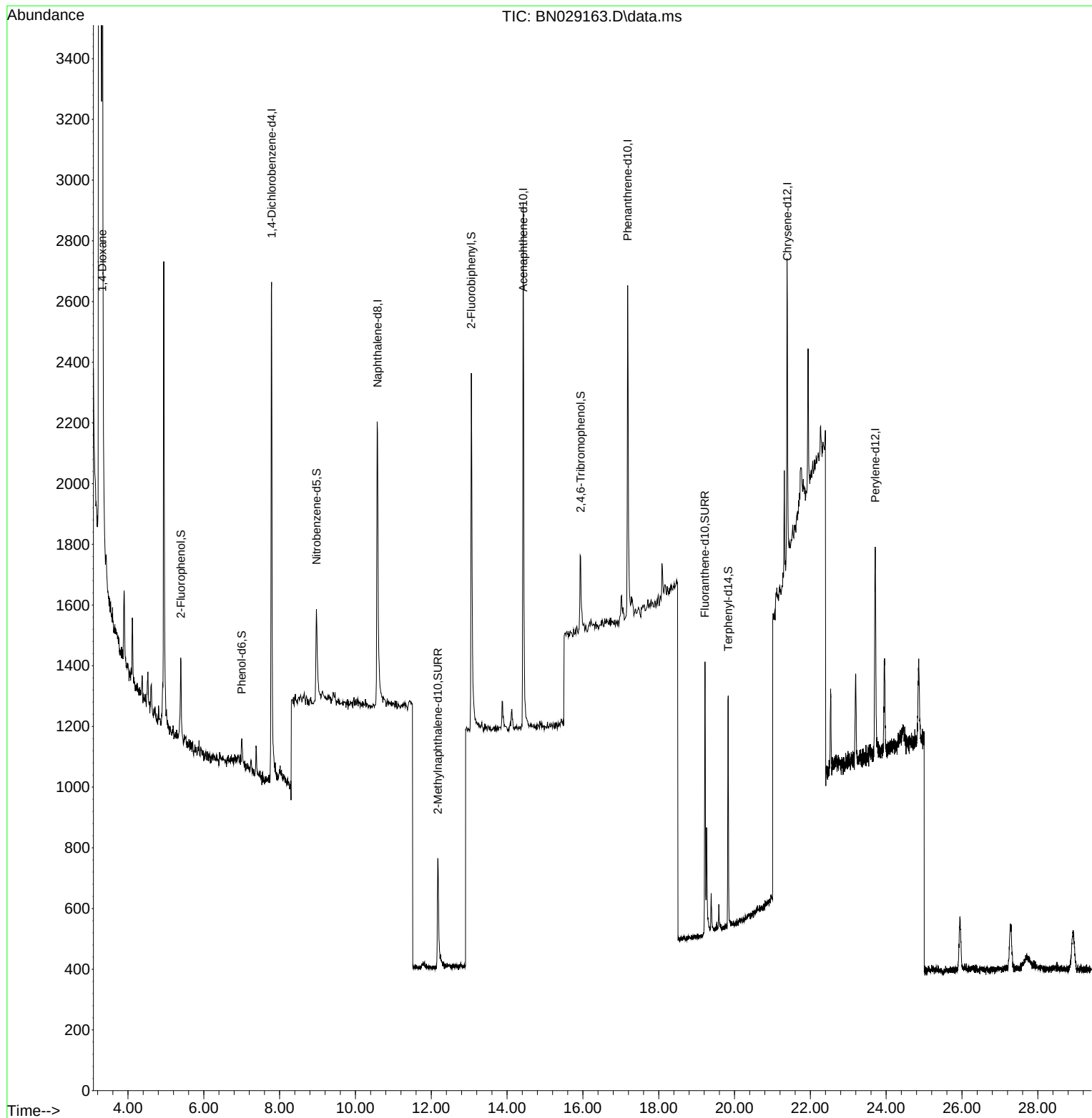
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	975	0.400	ng	0.00
7) Naphthalene-d8	10.583	136	1875	0.400	ng	0.00
13) Acenaphthene-d10	14.425	164	1105	0.400	ng	0.00
19) Phenanthrene-d10	17.181	188	1848	0.400	ng	0.00
29) Chrysene-d12	21.393	240	815	0.400	ng	0.00
35) Perylene-d12	23.712	264	977	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	222	0.095	ng	0.00
5) Phenol-d6	7.002	99	145	0.057	ng	0.00
8) Nitrobenzene-d5	8.971	82	529	0.216	ng	0.01
11) 2-Methylnaphthalene-d10	12.174	152	740	0.260	ng	0.00
14) 2,4,6-Tribromophenol	15.940	330	225	0.233	ng	0.01
15) 2-Fluorobiphenyl	13.057	172	1373	0.213	ng	0.00
27) Fluoranthene-d10	19.220	212	1131	0.253	ng	0.00
31) Terphenyl-d14	19.833	244	716	0.320	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.319	88	3244	3.532	ng	Qvalue 98

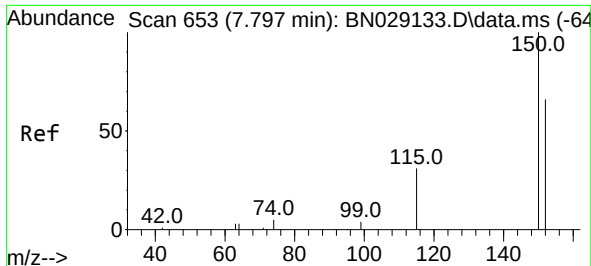
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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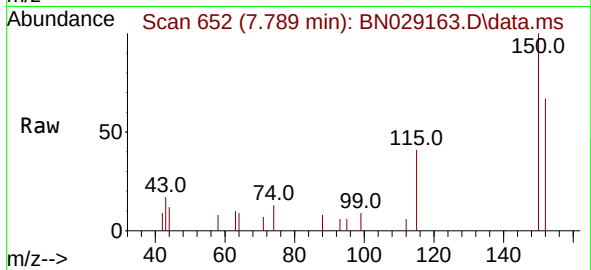
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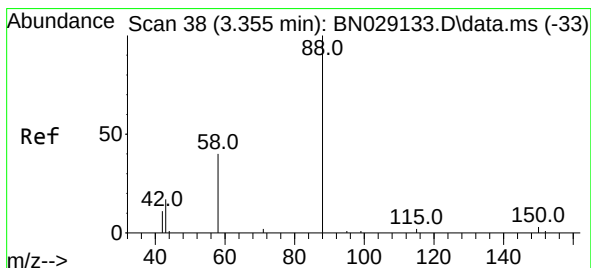
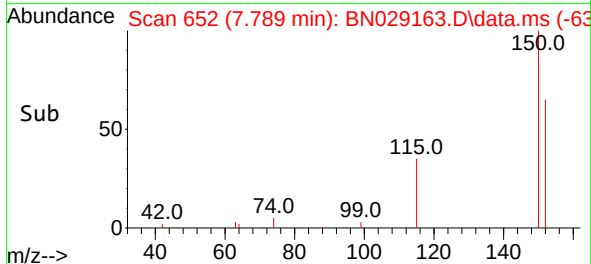
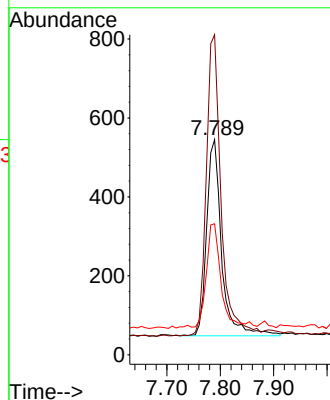
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.789 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN029163.D
 Acq: 21 Dec 2023 22:43

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20231218



Tgt Ion:152 Resp: 975

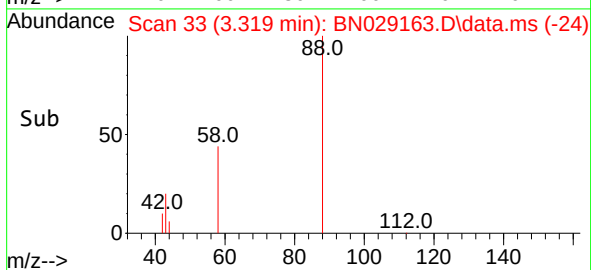
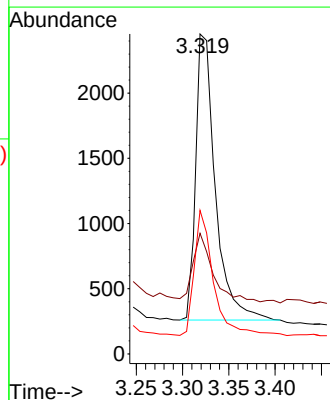
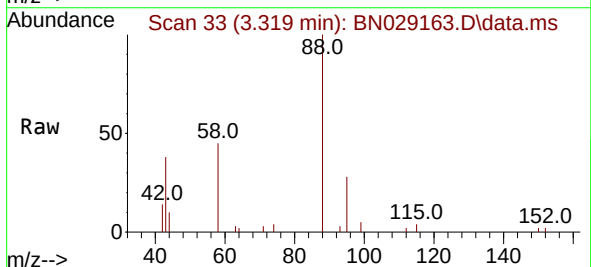
Ion	Ratio	Lower	Upper
152	100		
150	148.8	117.6	176.4
115	60.9	44.2	66.2

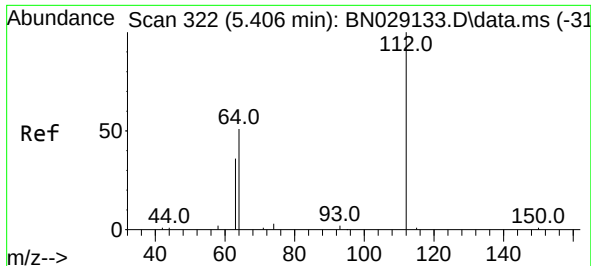


#2
 1,4-Dioxane
 Concen: 3.532 ng
 RT: 3.319 min Scan# 33
 Delta R.T. -0.036 min
 Lab File: BN029163.D
 Acq: 21 Dec 2023 22:43

Tgt Ion: 88 Resp: 3244

Ion	Ratio	Lower	Upper
88	100		
43	25.8	20.1	30.1
58	42.5	35.4	53.2

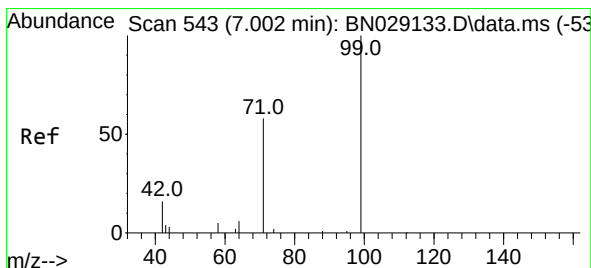
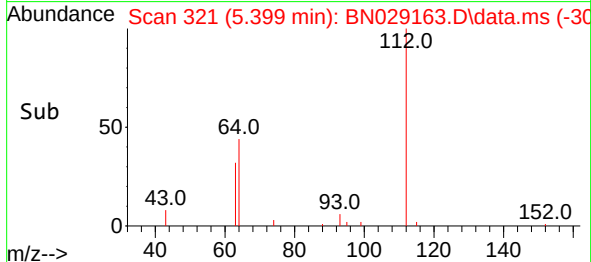
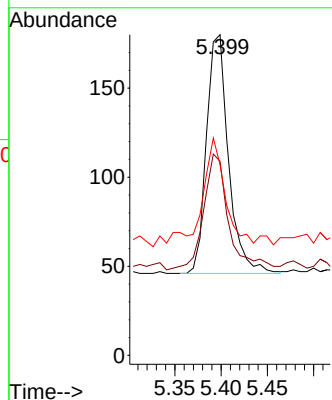
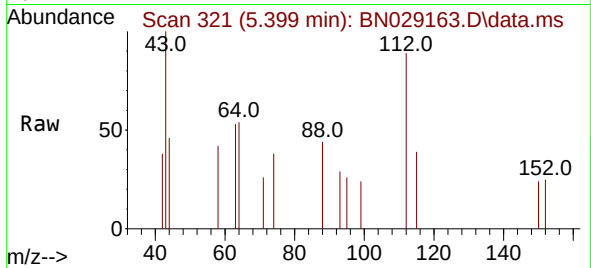




#4
2-Fluorophenol
Concen: 0.095 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN029163.D
Acq: 21 Dec 2023 22:43

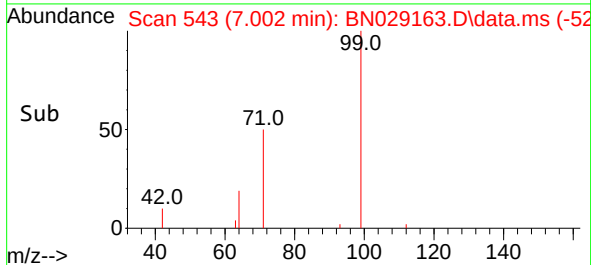
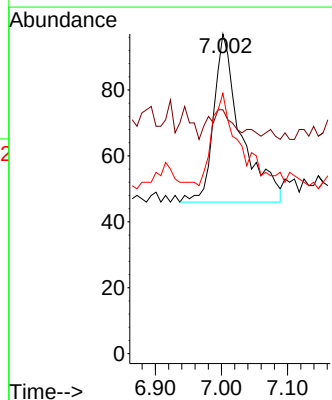
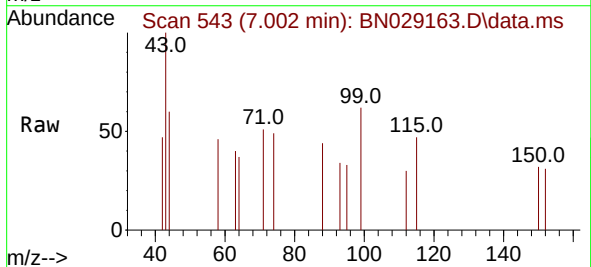
Instrument :
BNA_N
ClientSampleId :
SP-100-20231218

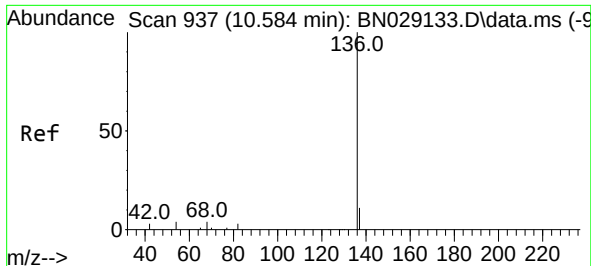
Tgt Ion:112 Resp: 222
Ion Ratio Lower Upper
112 100
64 51.8 38.6 58.0
63 49.5 30.0 45.0#



#5
Phenol-d6
Concen: 0.057 ng
RT: 7.002 min Scan# 543
Delta R.T. -0.000 min
Lab File: BN029163.D
Acq: 21 Dec 2023 22:43

Tgt Ion: 99 Resp: 145
Ion Ratio Lower Upper
99 100
42 15.2 13.8 20.6
71 56.6 45.4 68.2

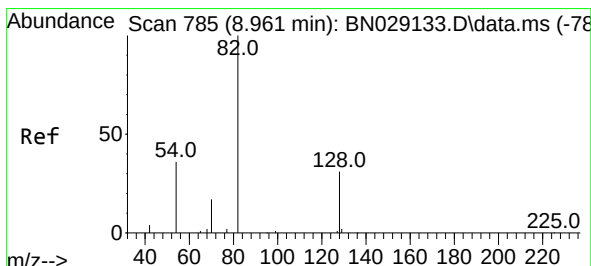
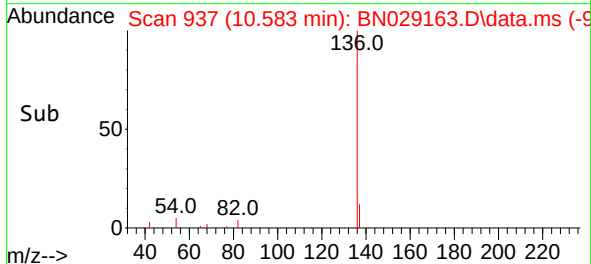
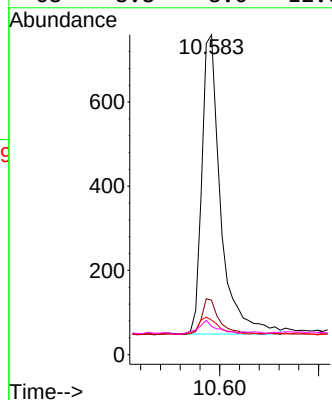
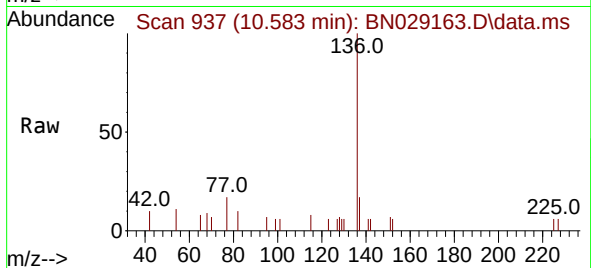




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.583 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN029163.D
Acq: 21 Dec 2023 22:43

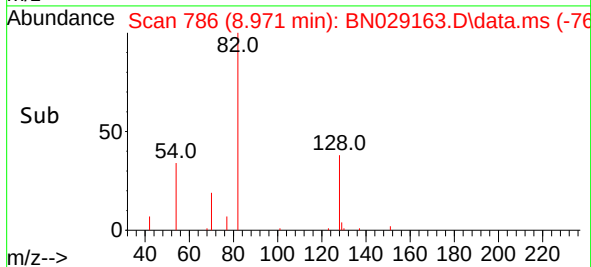
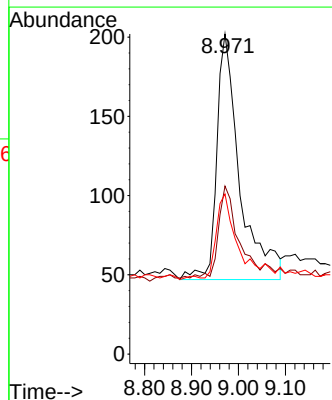
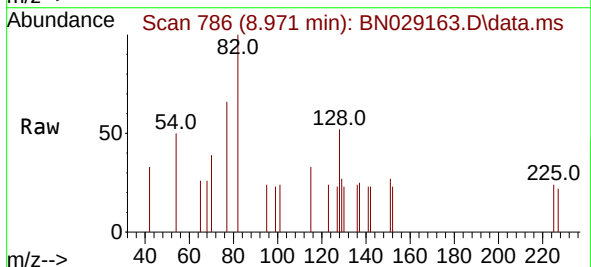
Instrument :
BNA_N
ClientSampleId :
SP-100-20231218

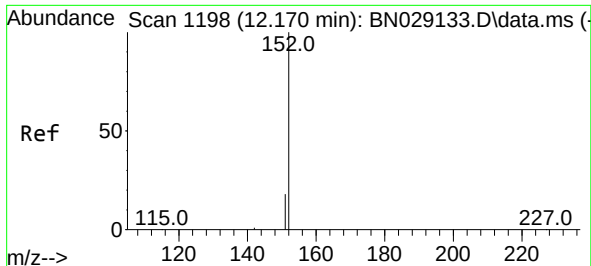
Tgt Ion:	136	Resp:	1875
Ion	Ratio	Lower	Upper
136	100		
137	17.0	13.4	20.0
54	10.8	8.6	13.0
68	8.8	8.0	12.0



#8
Nitrobenzene-d5
Concen: 0.216 ng
RT: 8.971 min Scan# 786
Delta R.T. 0.010 min
Lab File: BN029163.D
Acq: 21 Dec 2023 22:43

Tgt Ion:	82	Resp:	529
Ion	Ratio	Lower	Upper
82	100		
128	52.5	33.0	49.4#
54	50.0	35.8	53.8

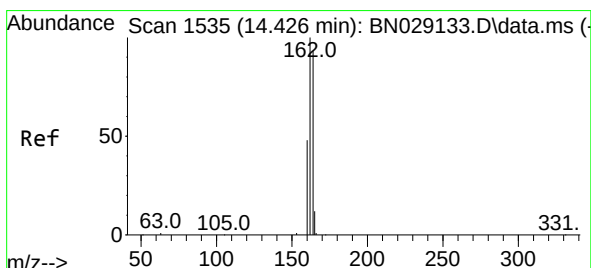
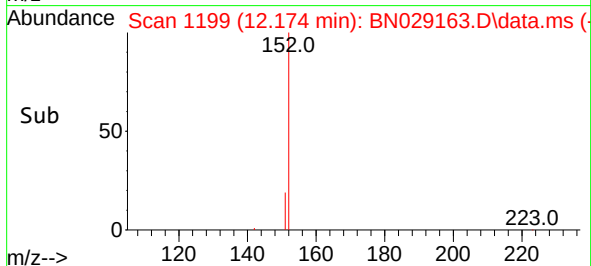
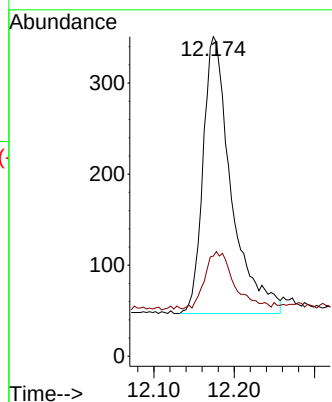
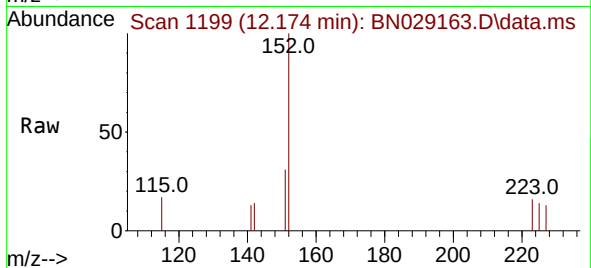




#11
2-Methylnaphthalene-d10
Concen: 0.260 ng
RT: 12.174 min Scan# 1198
Delta R.T. 0.004 min
Lab File: BN029163.D
Acq: 21 Dec 2023 22:43

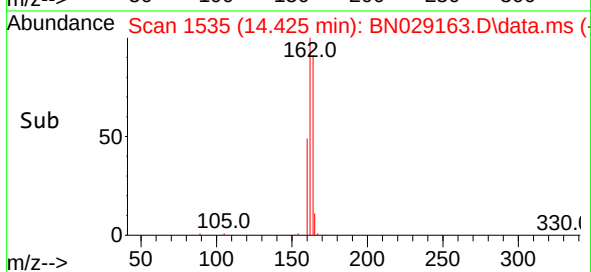
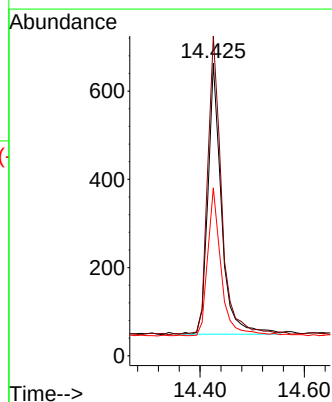
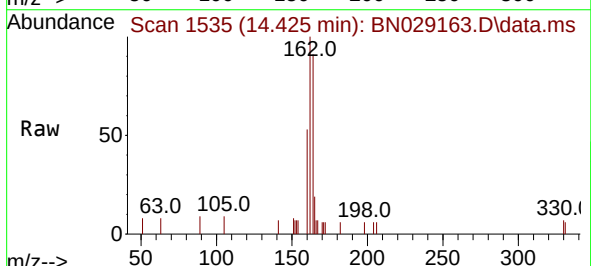
Instrument :
BNA_N
ClientSampleId :
SP-100-20231218

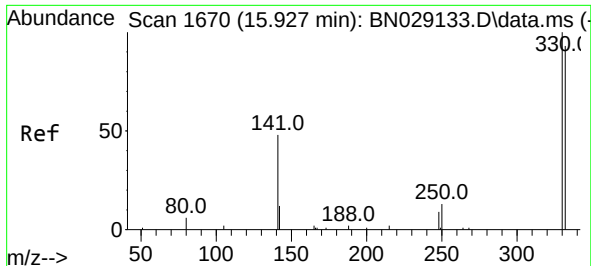
Tgt Ion:152 Resp: 740
Ion Ratio Lower Upper
152 100
151 21.5 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.425 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BN029163.D
Acq: 21 Dec 2023 22:43

Tgt Ion:164 Resp: 1105
Ion Ratio Lower Upper
164 100
162 109.4 85.0 127.4
160 57.5 45.8 68.8

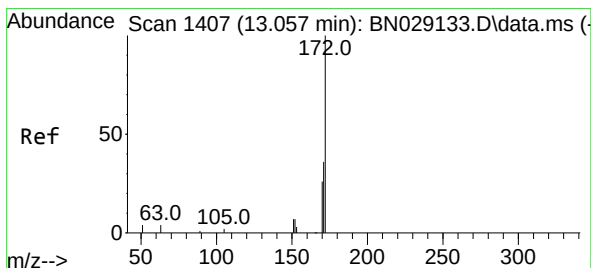
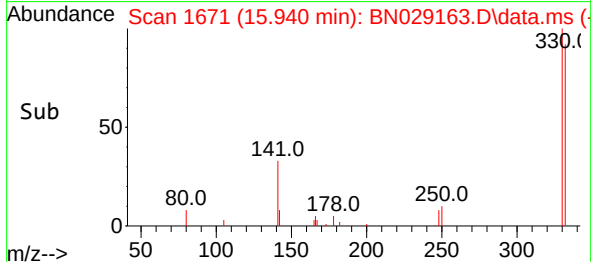
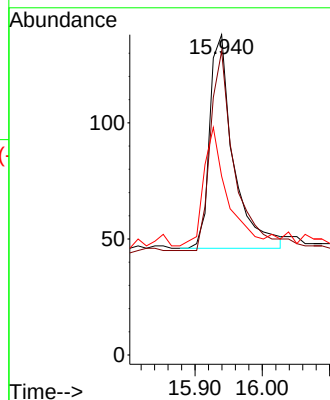
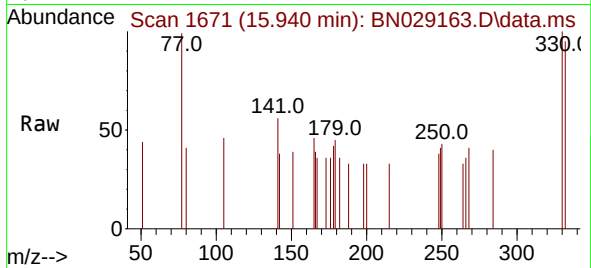




#14
2,4,6-Tribromophenol
Concen: 0.233 ng
RT: 15.940 min Scan# 1671
Delta R.T. 0.012 min
Lab File: BN029163.D
Acq: 21 Dec 2023 22:43

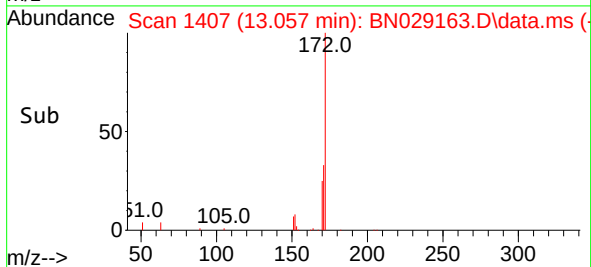
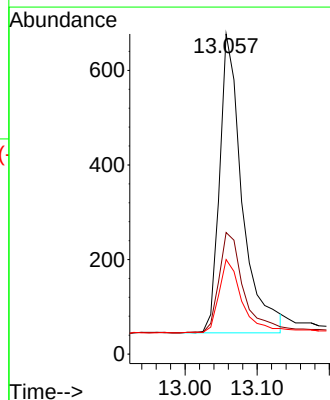
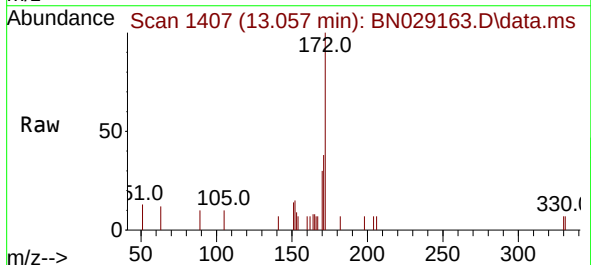
Instrument :
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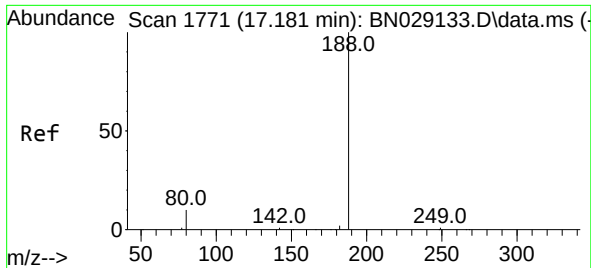
Tgt Ion:330 Resp: 225
Ion Ratio Lower Upper
330 100
332 93.3 83.4 125.0
141 54.7 43.8 65.8



#15
2-Fluorobiphenyl
Concen: 0.213 ng
RT: 13.057 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN029163.D
Acq: 21 Dec 2023 22:43

Tgt Ion:172 Resp: 1373
Ion Ratio Lower Upper
172 100
171 38.0 32.2 48.4
170 29.5 25.0 37.4

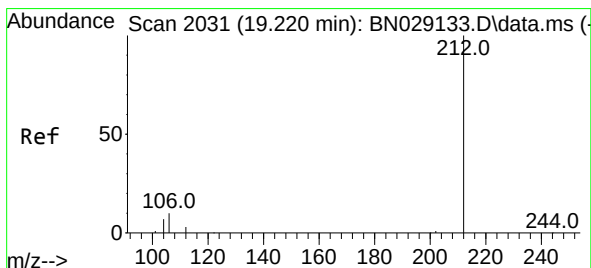
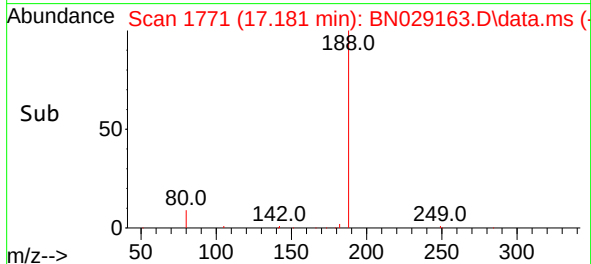
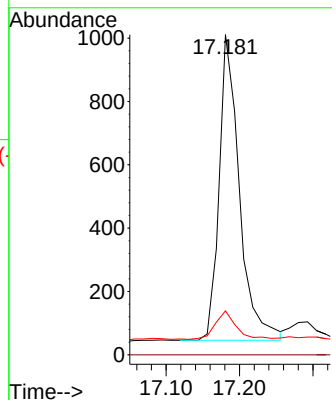
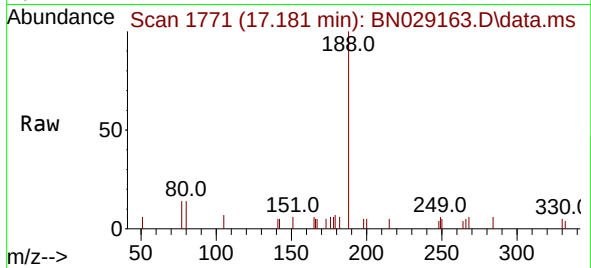




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.181 min Scan# 1771
Delta R.T. -0.000 min
Lab File: BN029163.D
Acq: 21 Dec 2023 22:43

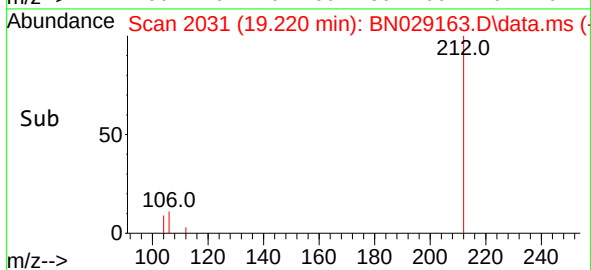
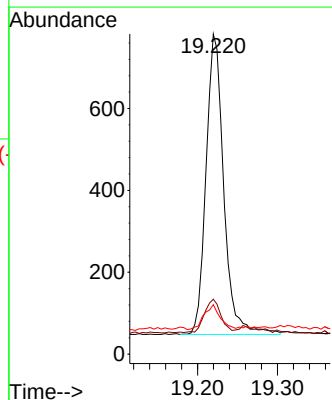
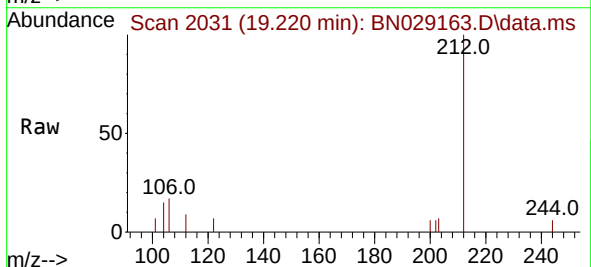
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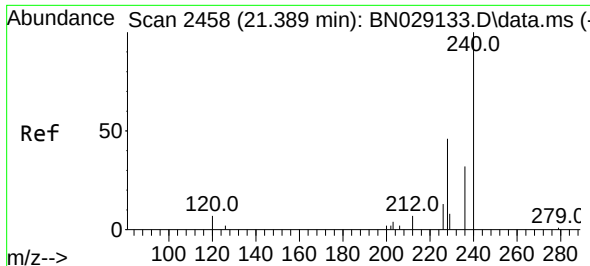
Tgt Ion:188 Resp: 1848
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.7 13.7 20.5



#27
Fluoranthene-d10
Concen: 0.253 ng
RT: 19.220 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BN029163.D
Acq: 21 Dec 2023 22:43

Tgt Ion:212 Resp: 1131
Ion Ratio Lower Upper
212 100
106 10.6 9.6 14.4
104 7.6 6.5 9.7

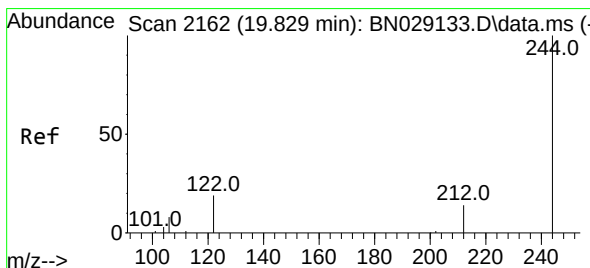
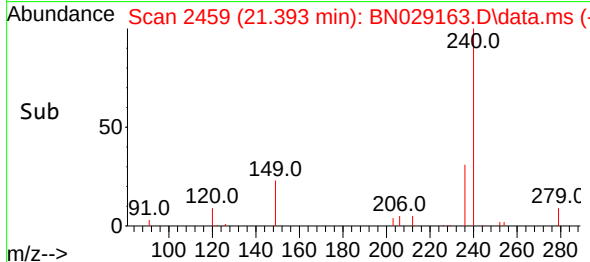
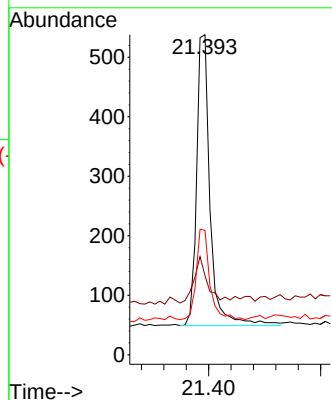
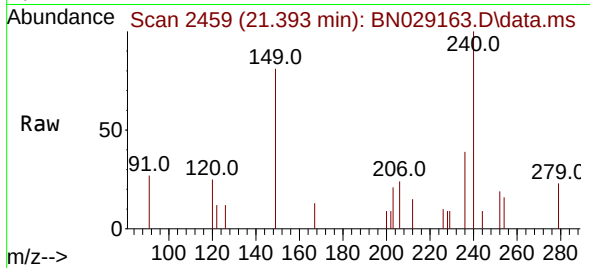




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2458
Delta R.T. 0.004 min
Lab File: BN029163.D
Acq: 21 Dec 2023 22:43

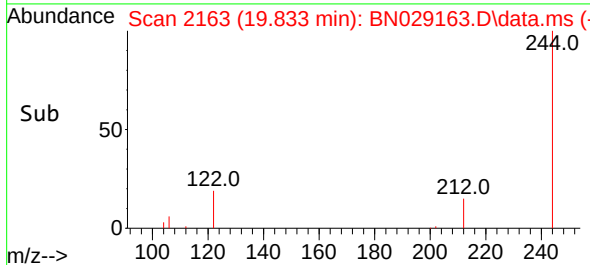
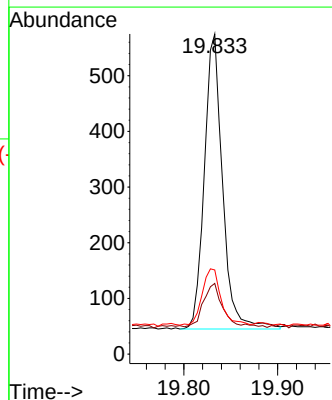
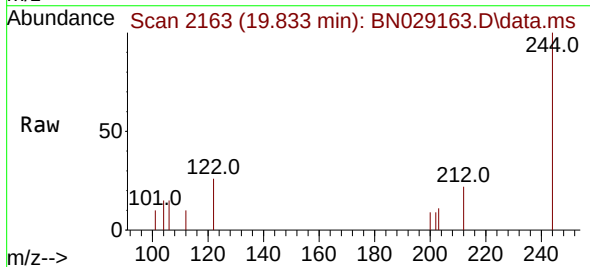
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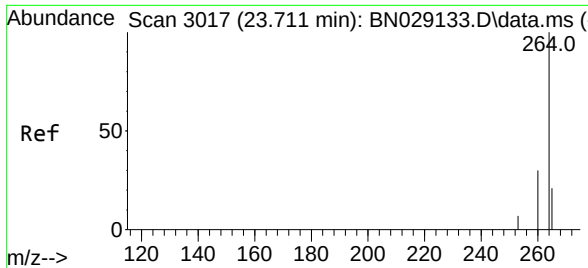
Tgt Ion:240 Resp: 815
Ion Ratio Lower Upper
240 100
120 24.7 21.4 32.0
236 38.8 33.5 50.3



#31
Terphenyl-d14
Concen: 0.320 ng
RT: 19.833 min Scan# 2163
Delta R.T. 0.004 min
Lab File: BN029163.D
Acq: 21 Dec 2023 22:43

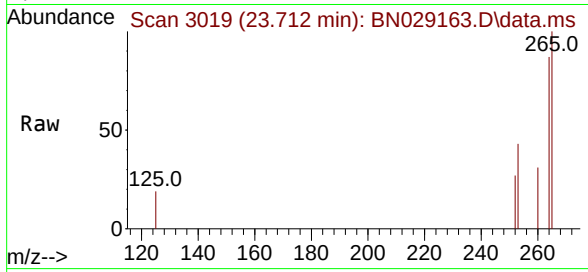
Tgt Ion:244 Resp: 716
Ion Ratio Lower Upper
244 100
212 22.1 19.0 28.6
122 26.3 22.5 33.7





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.712 min Scan# 3017
 Delta R.T. 0.001 min
 Lab File: BN029163.D
 Acq: 21 Dec 2023 22:43

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20231218



Tgt Ion:264 Resp: 977

Ion	Ratio	Lower	Upper
264	100		
260	35.9	31.0	46.6
265	114.3	105.3	157.9

