

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
 Data File : BN029164.D
 Acq On : 21 Dec 2023 23:19
 Operator : MA/JU
 Sample : 05921-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20231218

Quant Time: Dec 21 23:50:08 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	7.790	152	941	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	1882	0.400	ng	0.00
13) Acenaphthene-d10	14.426	164	1069	0.400	ng	0.00
19) Phenanthrene-d10	17.181	188	1707	0.400	ng	0.00
29) Chrysene-d12	21.389	240	804	0.400	ng	0.00
35) Perylene-d12	23.714	264	1028	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	210	0.093	ng	0.00
5) Phenol-d6	7.002	99	86	0.035	ng	0.00
8) Nitrobenzene-d5	8.971	82	452	0.184	ng	0.01
11) 2-Methylnaphthalene-d10	12.174	152	671	0.235	ng	0.00
14) 2,4,6-Tribromophenol	15.940	330	170	0.182	ng	0.01
15) 2-Fluorobiphenyl	13.057	172	1257	0.201	ng	0.00
27) Fluoranthene-d10	19.220	212	991	0.240	ng	0.00
31) Terphenyl-d14	19.829	244	627	0.284	ng	0.00

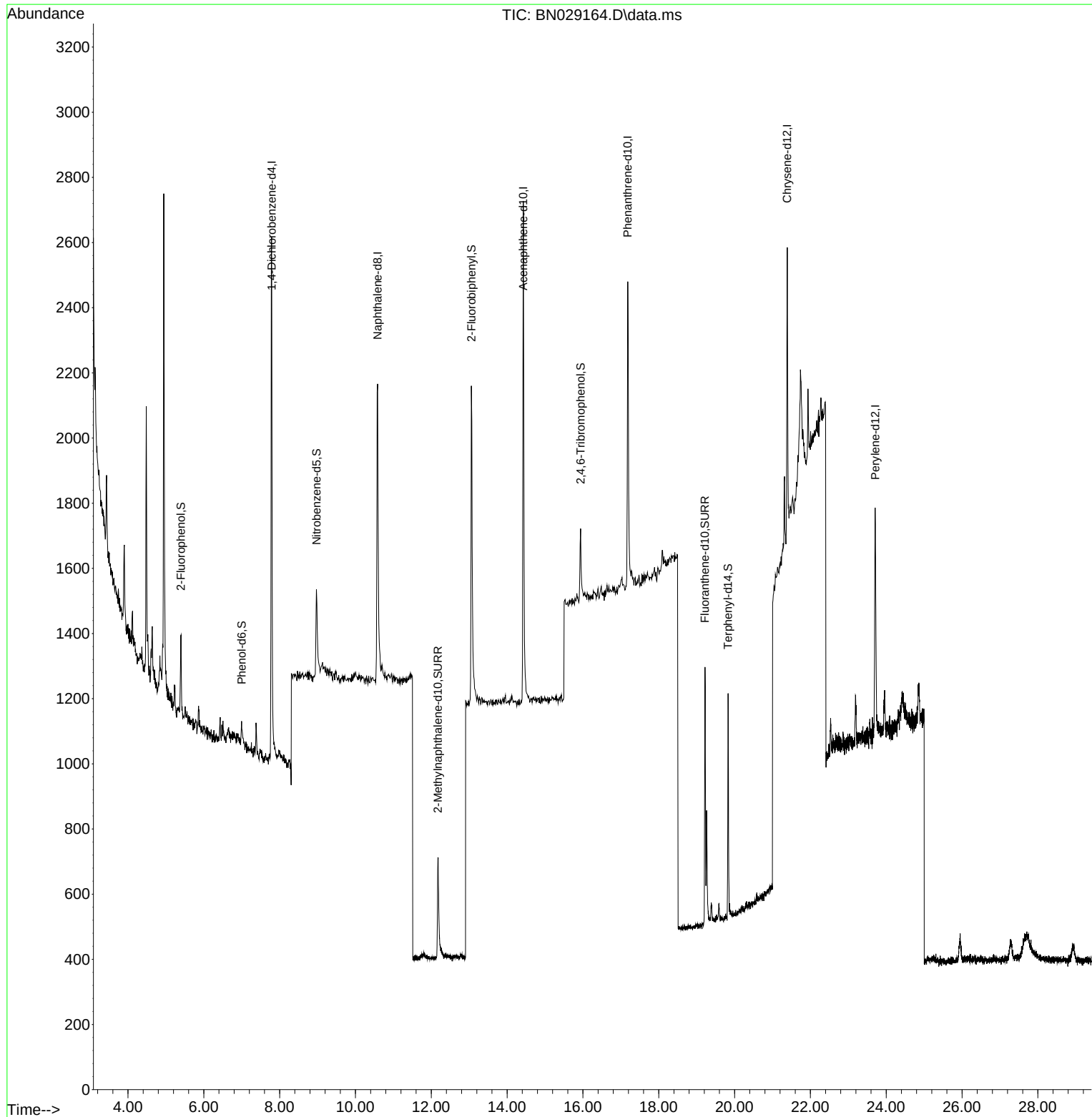
Target Compounds Qvalue

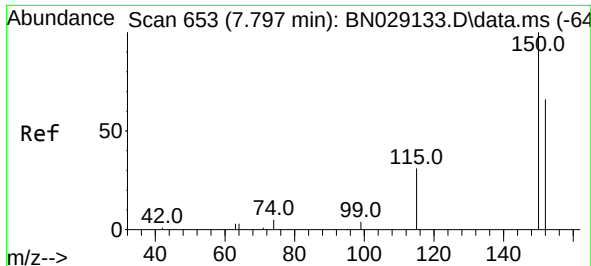
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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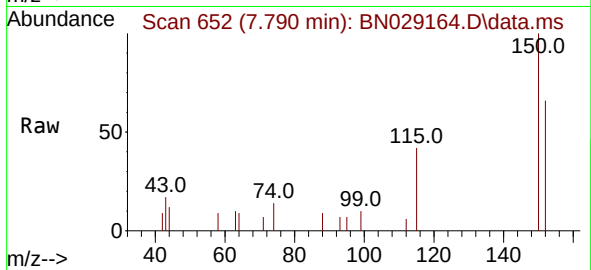
Quant Time: Dec 21 23:50:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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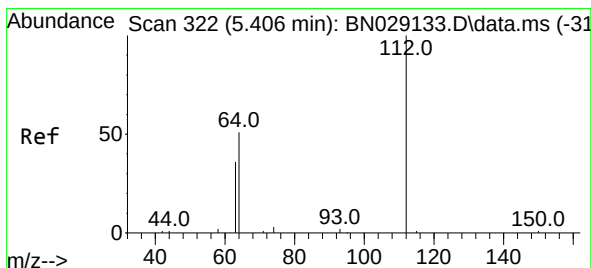
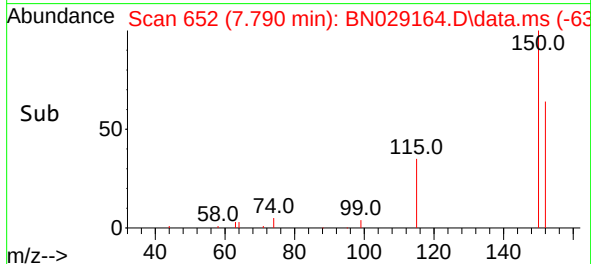
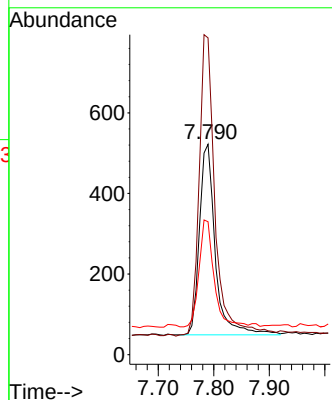


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.790 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN029164.D
Acq: 21 Dec 2023 23:19

Instrument :
BNA_N
ClientSampleId :
SP-201-20231218

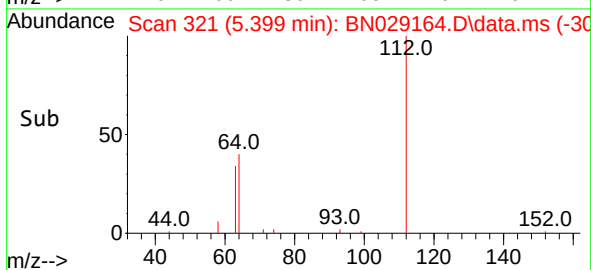
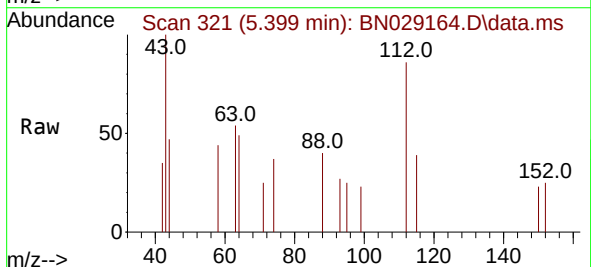
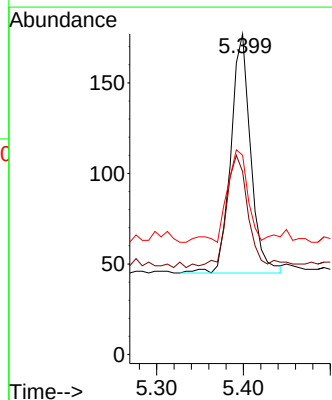


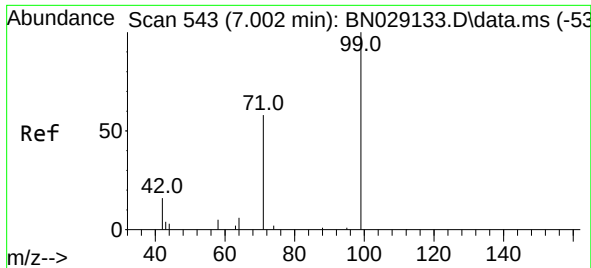
Tgt Ion:152 Resp: 941
Ion Ratio Lower Upper
152 100
150 150.6 117.6 176.4
115 63.2 44.2 66.2



#4
2-Fluorophenol
Concen: 0.093 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.007 min
Lab File: BN029164.D
Acq: 21 Dec 2023 23:19

Tgt Ion:112 Resp: 210
Ion Ratio Lower Upper
112 100
64 47.1 38.6 58.0
63 39.0 30.0 45.0

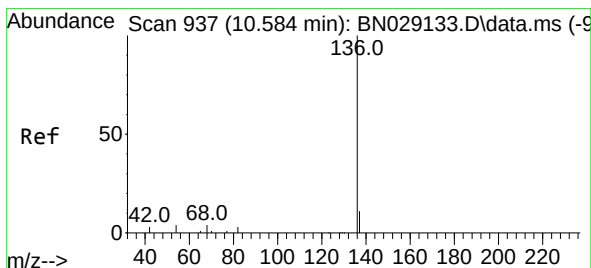
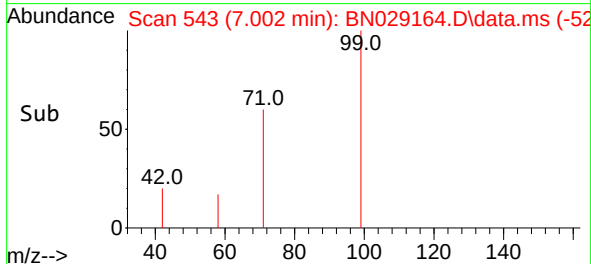
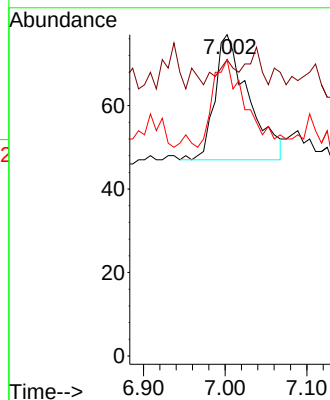
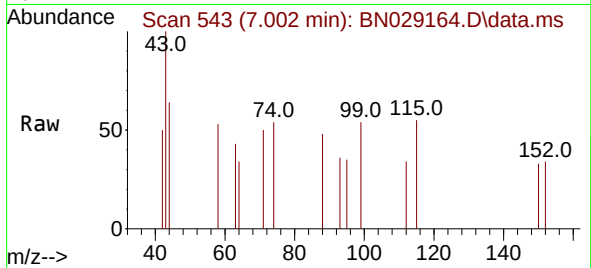




#5
Phenol-d6
Concen: 0.035 ng
RT: 7.002 min Scan# 543
Delta R.T. 0.000 min
Lab File: BN029164.D
Acq: 21 Dec 2023 23:19

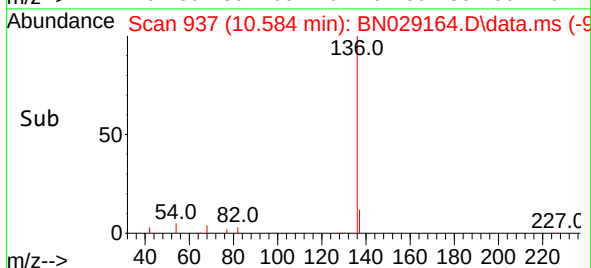
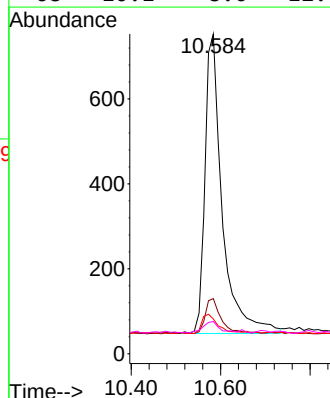
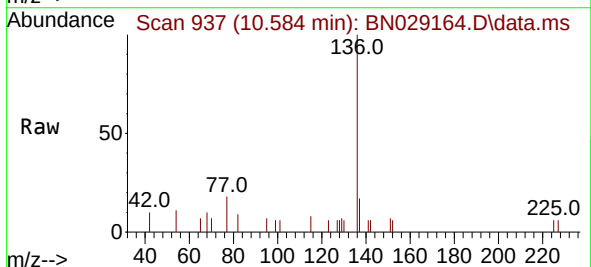
Instrument :
BNA_N
ClientSampleId :
SP-201-20231218

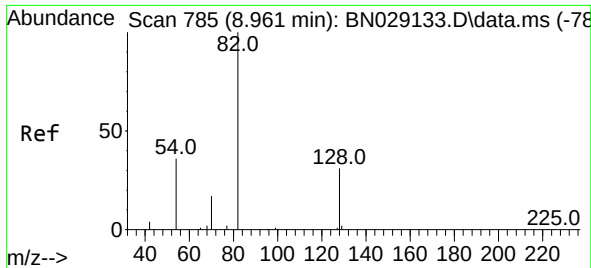
Tgt Ion:	99	Resp:	86
Ion	Ratio	Lower	Upper
99	100		
42	12.8	13.8	20.6#
71	69.8	45.4	68.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 937
Delta R.T. 0.000 min
Lab File: BN029164.D
Acq: 21 Dec 2023 23:19

Tgt Ion:	136	Resp:	1882
Ion	Ratio	Lower	Upper
136	100		
137	17.3	13.4	20.0
54	10.9	8.6	13.0
68	10.1	8.0	12.0

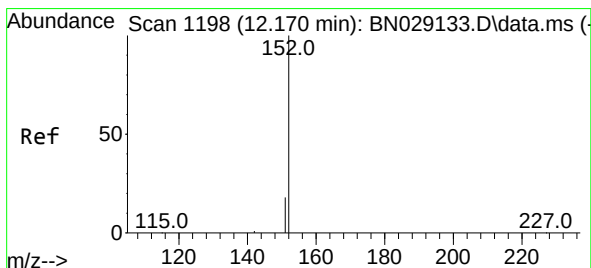
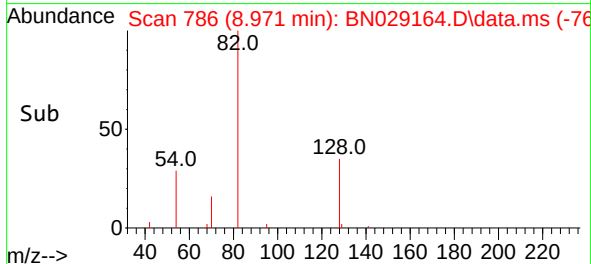
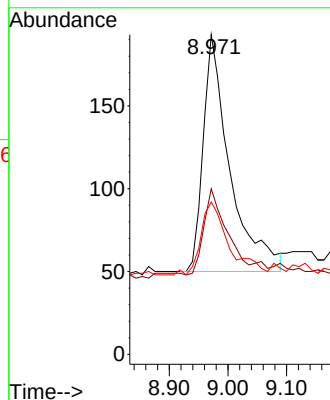
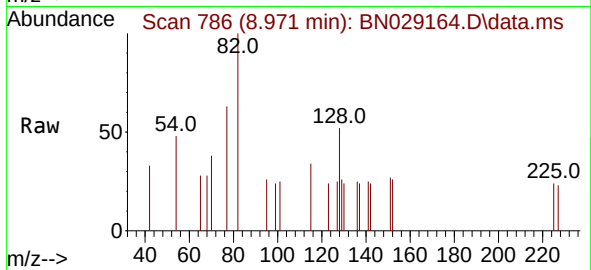




#8
 Nitrobenzene-d5
 Concen: 0.184 ng
 RT: 8.971 min Scan# 785
 Delta R.T. 0.011 min
 Lab File: BN029164.D
 Acq: 21 Dec 2023 23:19

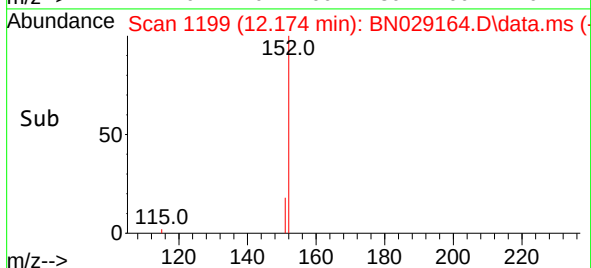
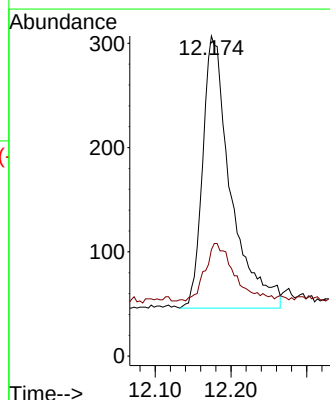
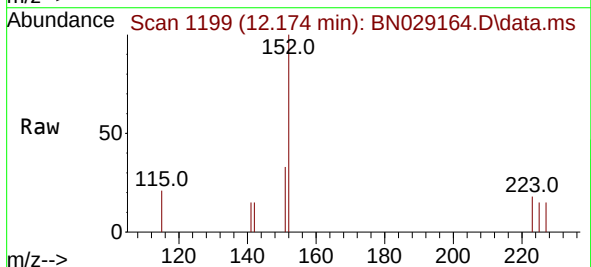
Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20231218

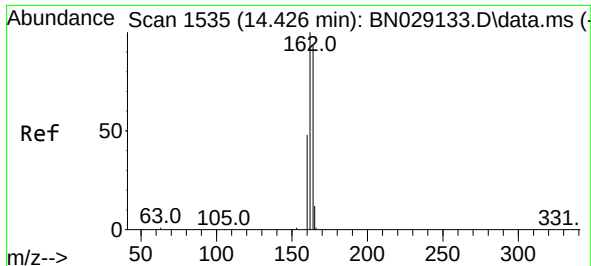
Tgt Ion: 82 Resp: 452
 Ion Ratio Lower Upper
 82 100
 128 51.8 33.0 49.4#
 54 47.7 35.8 53.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.235 ng
 RT: 12.174 min Scan# 1199
 Delta R.T. 0.004 min
 Lab File: BN029164.D
 Acq: 21 Dec 2023 23:19

Tgt Ion: 152 Resp: 671
 Ion Ratio Lower Upper
 152 100
 151 21.9 17.4 26.2

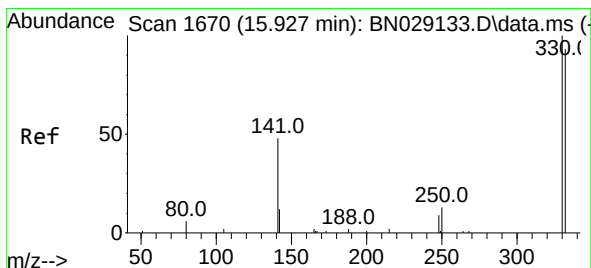
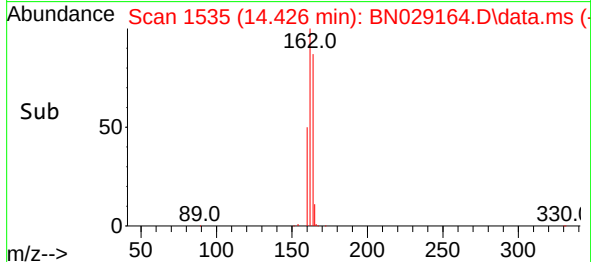
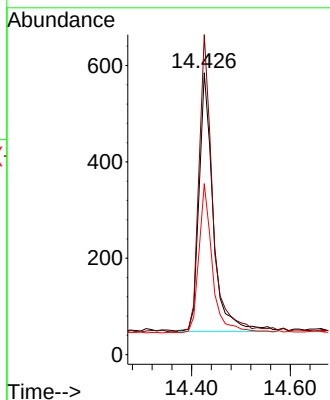
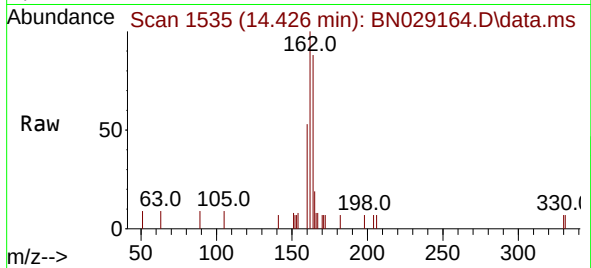




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.426 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029164.D
Acq: 21 Dec 2023 23:19

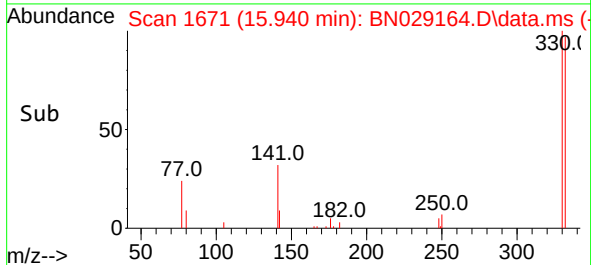
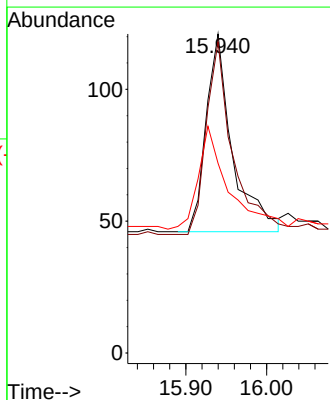
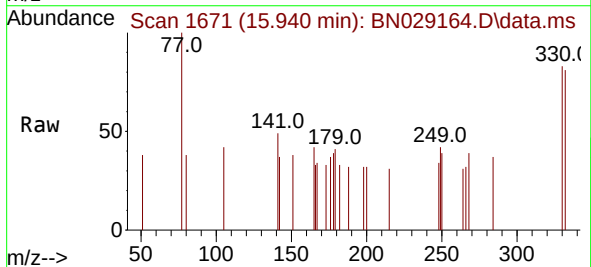
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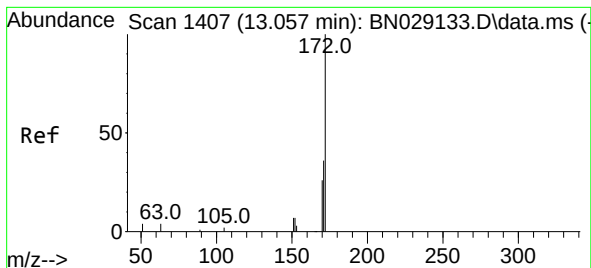
Tgt Ion:164 Resp: 1069
Ion Ratio Lower Upper
164 100
162 113.5 85.0 127.4
160 60.7 45.8 68.8



#14
2,4,6-Tribromophenol
Concen: 0.182 ng
RT: 15.940 min Scan# 1671
Delta R.T. 0.012 min
Lab File: BN029164.D
Acq: 21 Dec 2023 23:19

Tgt Ion:330 Resp: 170
Ion Ratio Lower Upper
330 100
332 100.0 83.4 125.0
141 59.4 43.8 65.8

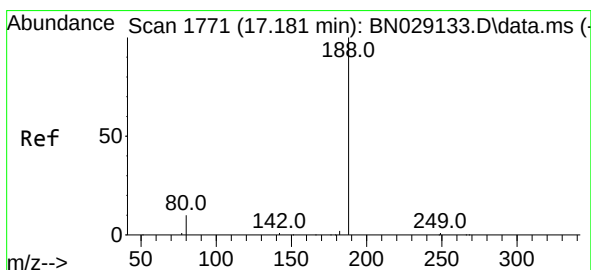
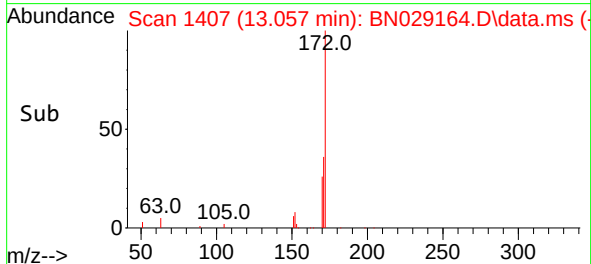
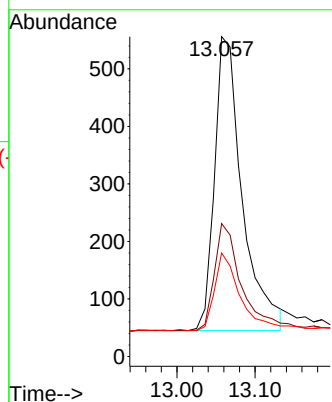
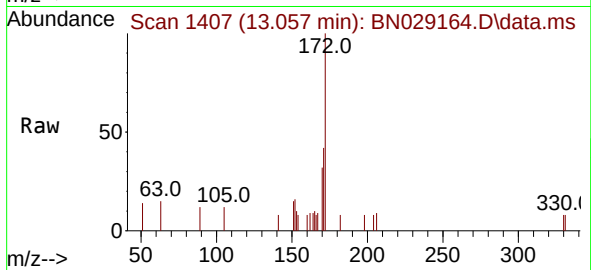




#15
2-Fluorobiphenyl
Concen: 0.201 ng
RT: 13.057 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN029164.D
Acq: 21 Dec 2023 23:19

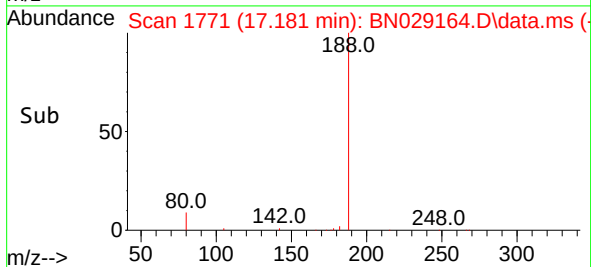
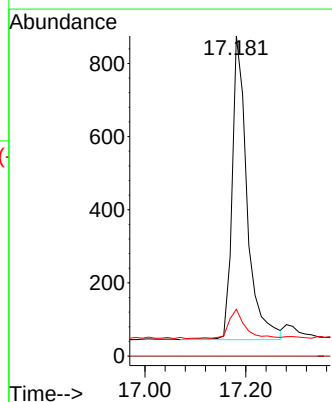
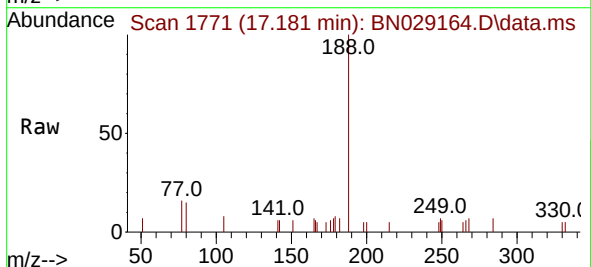
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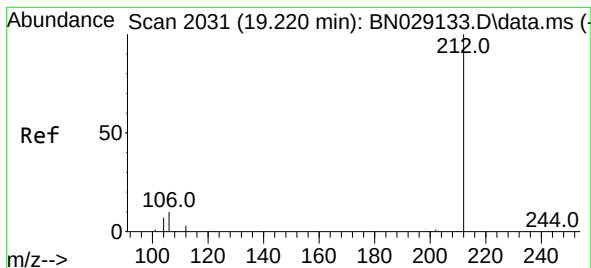
Tgt Ion:	172	Resp:	1257
Ion	Ratio	Lower	Upper
172	100		
171	41.5	32.2	48.4
170	32.4	25.0	37.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.181 min Scan# 1771
Delta R.T. -0.000 min
Lab File: BN029164.D
Acq: 21 Dec 2023 23:19

Tgt Ion:	188	Resp:	1707
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.6	13.7	20.5

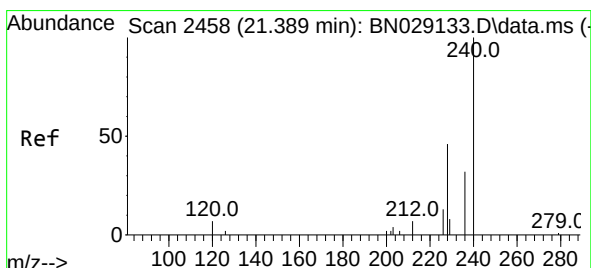
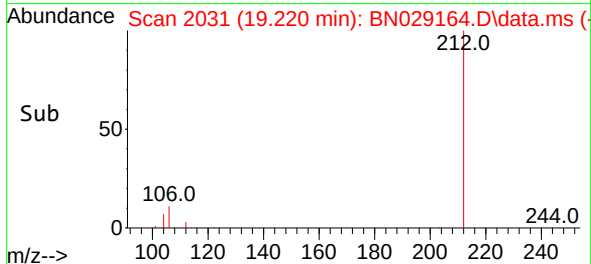
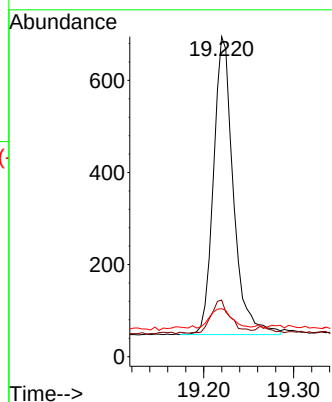
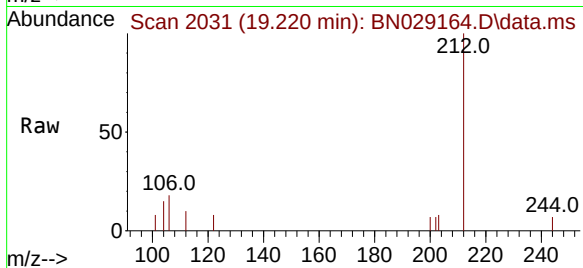




#27
Fluoranthene-d10
Concen: 0.240 ng
RT: 19.220 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BN029164.D
Acq: 21 Dec 2023 23:19

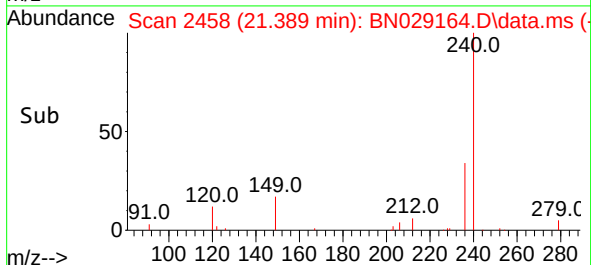
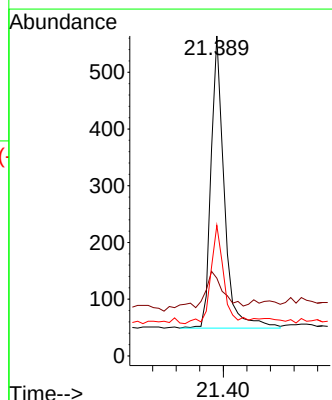
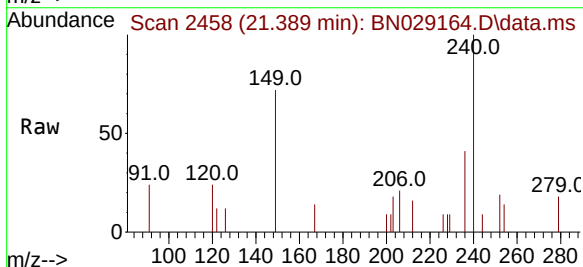
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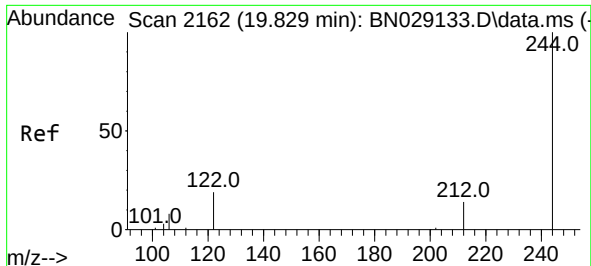
Tgt Ion:212 Resp: 991
Ion Ratio Lower Upper
212 100
106 10.9 9.6 14.4
104 8.3 6.5 9.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.389 min Scan# 2458
Delta R.T. -0.000 min
Lab File: BN029164.D
Acq: 21 Dec 2023 23:19

Tgt Ion:240 Resp: 804
Ion Ratio Lower Upper
240 100
120 24.3 21.4 32.0
236 40.8 33.5 50.3

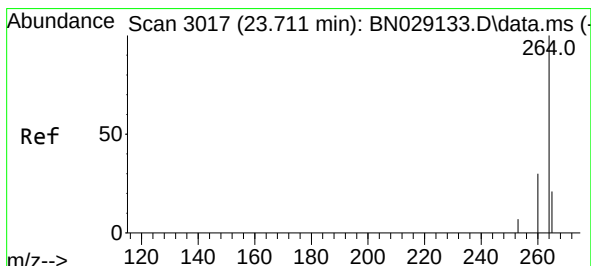
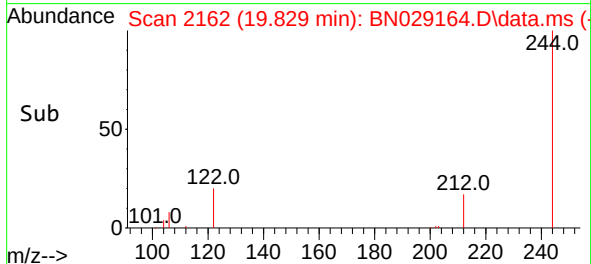
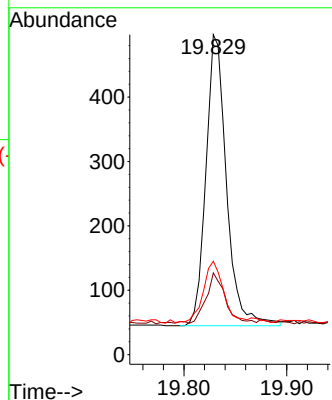
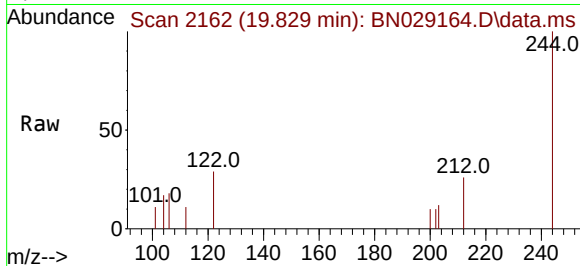




#31
 Terphenyl-d14
 Concen: 0.284 ng
 RT: 19.829 min Scan# 2162
 Delta R.T. 0.000 min
 Lab File: BN029164.D
 Acq: 21 Dec 2023 23:19

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 627
 Ion Ratio Lower Upper
 244 100
 212 25.6 19.0 28.6
 122 29.2 22.5 33.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.714 min Scan# 3018
 Delta R.T. 0.003 min
 Lab File: BN029164.D
 Acq: 21 Dec 2023 23:19

Tgt Ion:264 Resp: 1028
 Ion Ratio Lower Upper
 264 100
 260 32.8 31.0 46.6
 265 109.6 105.3 157.9

