

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027123.D
 Acq On : 25 Aug 2023 17:46
 Operator : MA/JU
 Sample : PB154980BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB154980BL

Quant Time: Aug 26 02:17:22 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	8.088	152	7179	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	17679	0.400	ng	# 0.00
13) Acenaphthene-d10	14.715	164	10069	0.400	ng	0.01
19) Phenanthrene-d10	17.468	188	22842	0.400	ng	0.01
29) Chrysene-d12	21.641	240	17751	0.400	ng	0.00
35) Perylene-d12	24.180	264	17386	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.603	112	8802	0.435	ng	0.00
5) Phenol-d6	7.221	99	8543	0.342	ng	0.00
8) Nitrobenzene-d5	9.273	82	4228	0.283	ng	0.00
11) 2-Methylnaphthalene-d10	12.483	152	10120	0.360	ng	0.00
14) 2,4,6-Tribromophenol	16.214	330	1647	0.307	ng	0.01
15) 2-Fluorobiphenyl	13.347	172	12920	0.346	ng	0.01
27) Fluoranthene-d10	19.481	212	23467	0.401	ng	0.00
31) Terphenyl-d14	20.067	244	16423	0.443	ng	0.00

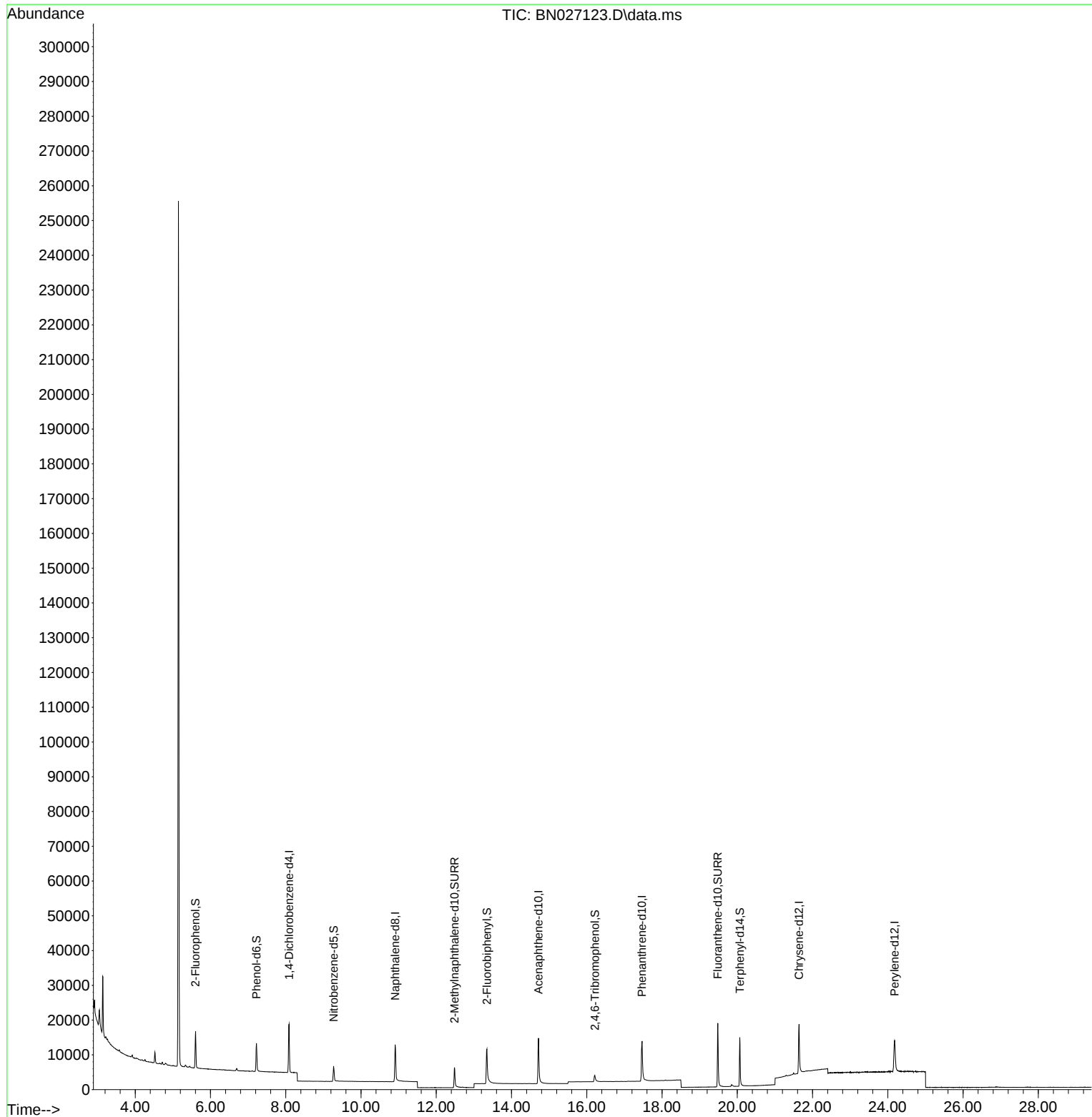
Target Compounds Qvalue

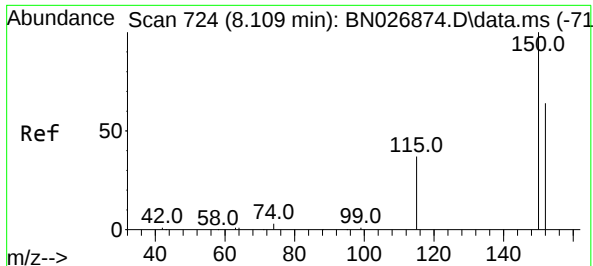
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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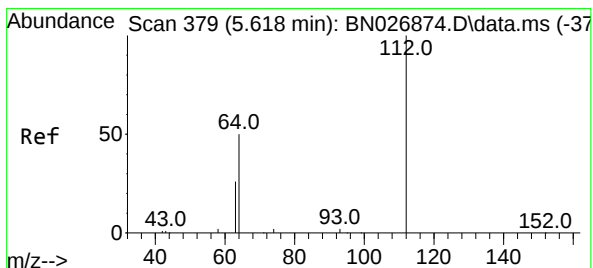
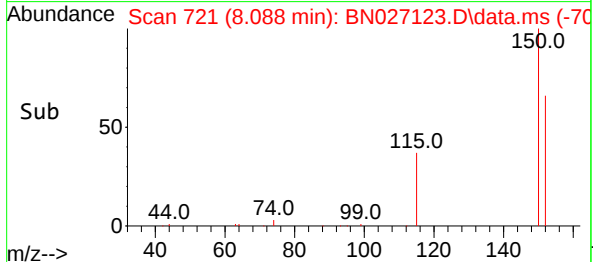
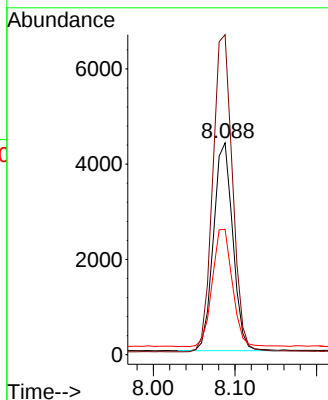
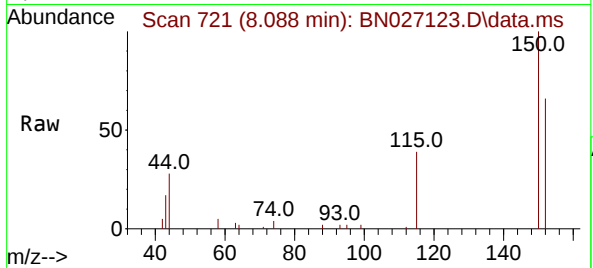




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.088 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN027123.D
Acq: 25 Aug 2023 17:46

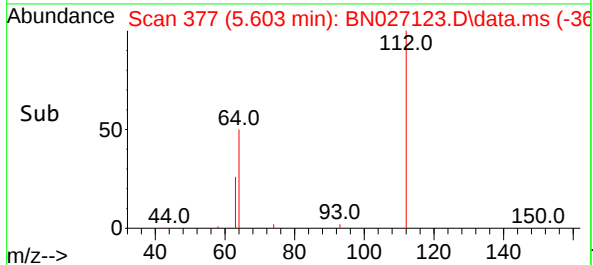
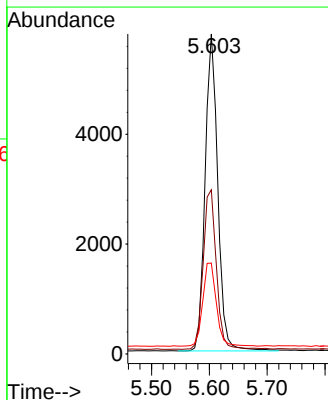
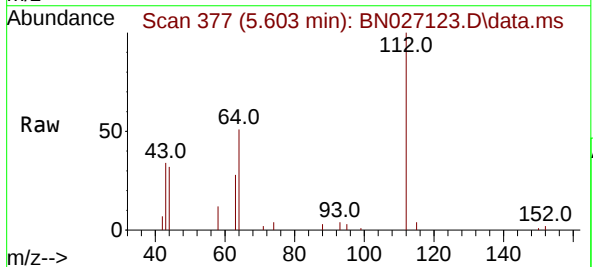
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BNA_N
ClientSampleId :
PB154980BL

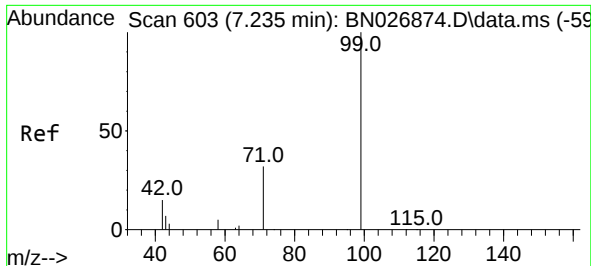
Tgt Ion:152 Resp: 7179
Ion Ratio Lower Upper
152 100
150 151.1 123.8 185.6
115 59.2 49.7 74.5



#4
2-Fluorophenol
Concen: 0.435 ng
RT: 5.603 min Scan# 377
Delta R.T. 0.000 min
Lab File: BN027123.D
Acq: 25 Aug 2023 17:46

Tgt Ion:112 Resp: 8802
Ion Ratio Lower Upper
112 100
64 52.8 41.5 62.3
63 28.0 21.7 32.5

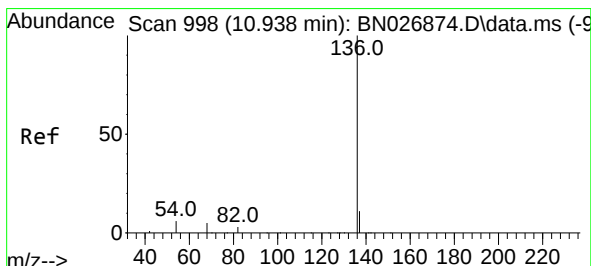
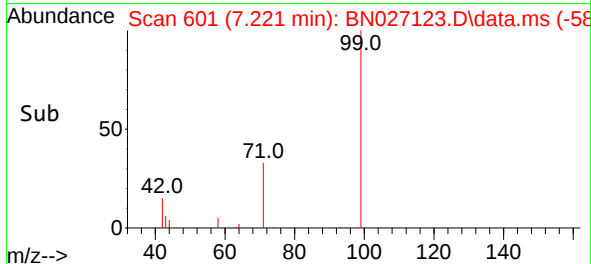
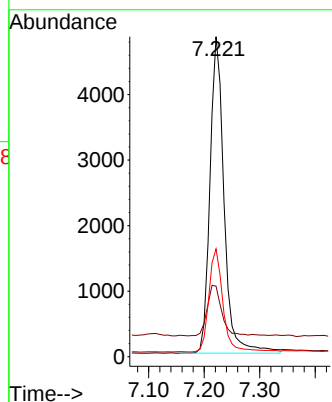
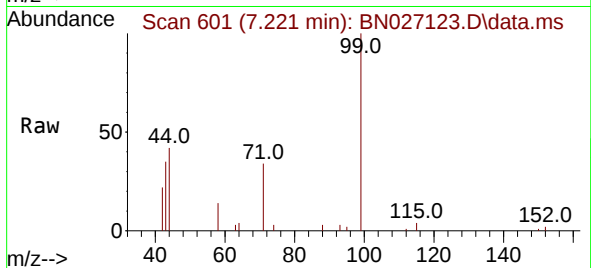




#5
Phenol-d6
Concen: 0.342 ng
RT: 7.221 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN027123.D
Acq: 25 Aug 2023 17:46

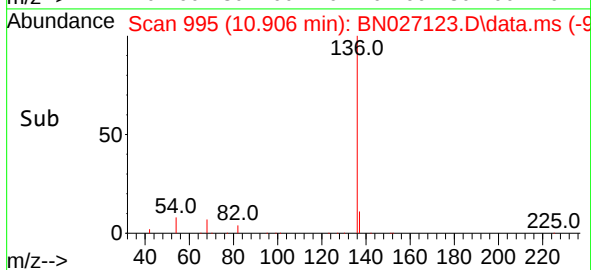
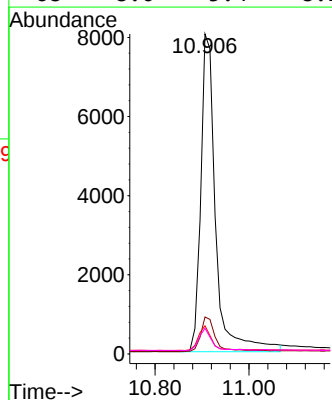
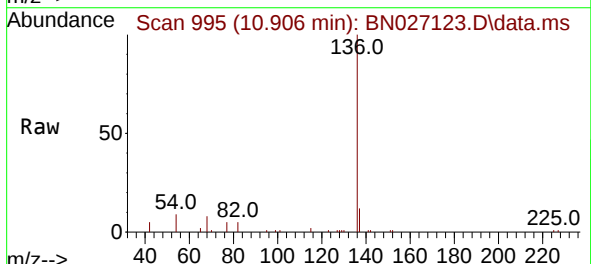
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ClientSampleId :
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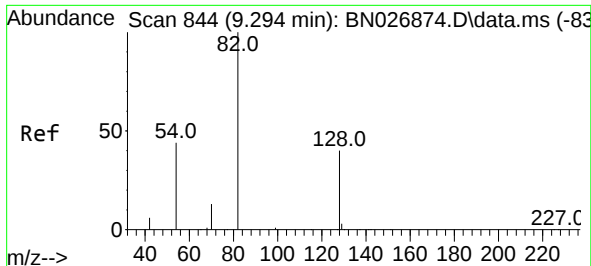
Tgt Ion: 99 Resp: 8543
Ion Ratio Lower Upper
99 100
42 16.3 13.6 20.4
71 32.5 26.0 39.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 995
Delta R.T. 0.000 min
Lab File: BN027123.D
Acq: 25 Aug 2023 17:46

Tgt Ion: 136 Resp: 17679
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 8.8 5.5 8.3#
68 8.0 5.4 8.2

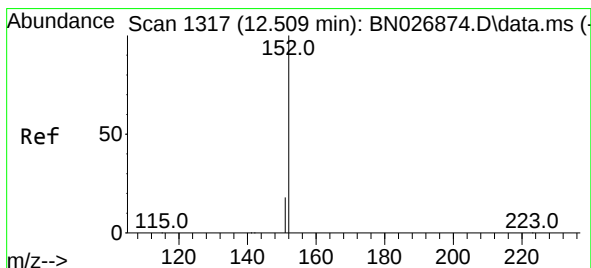
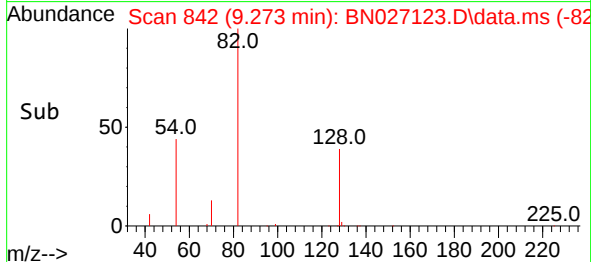
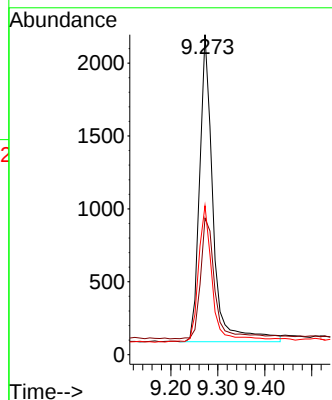
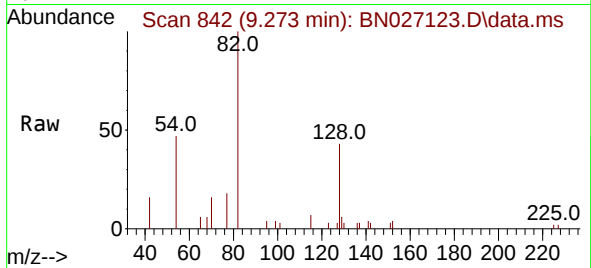




#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 9.273 min Scan# 844
Delta R.T. 0.000 min
Lab File: BN027123.D
Acq: 25 Aug 2023 17:46

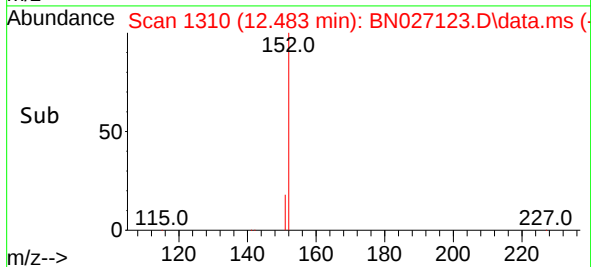
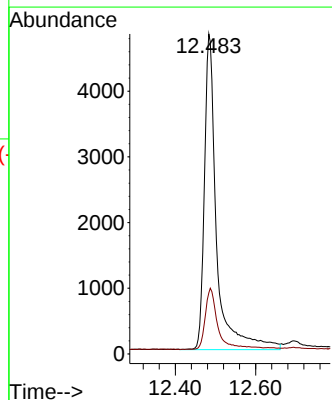
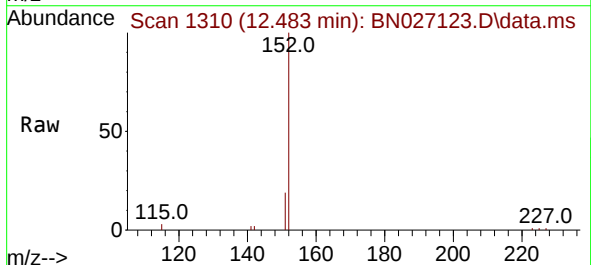
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ClientSampleId :
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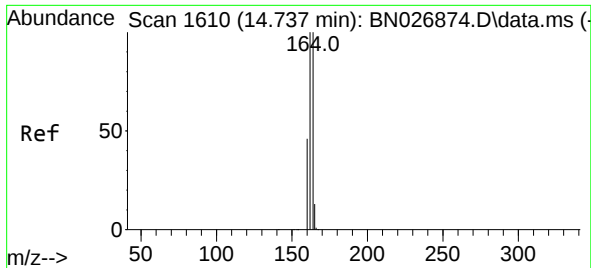
Tgt Ion: 82 Resp: 4228
Ion Ratio Lower Upper
82 100
128 42.6 34.1 51.1
54 46.6 37.0 55.4



#11
2-Methylnaphthalene-d10
Concen: 0.360 ng
RT: 12.483 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BN027123.D
Acq: 25 Aug 2023 17:46

Tgt Ion: 152 Resp: 10120
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5

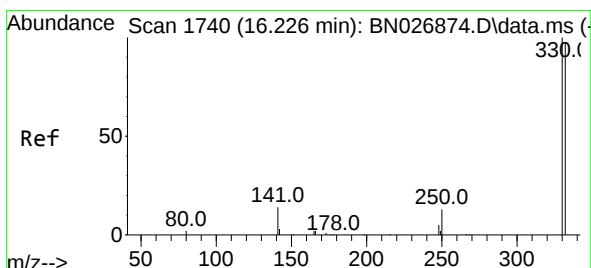
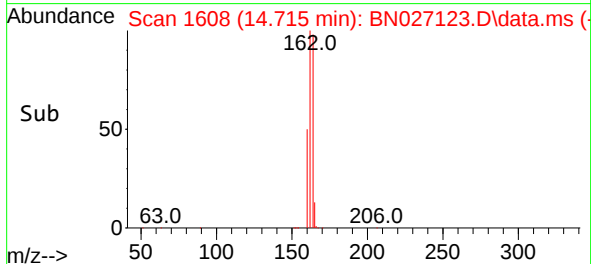
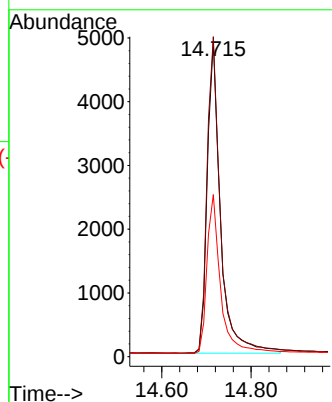
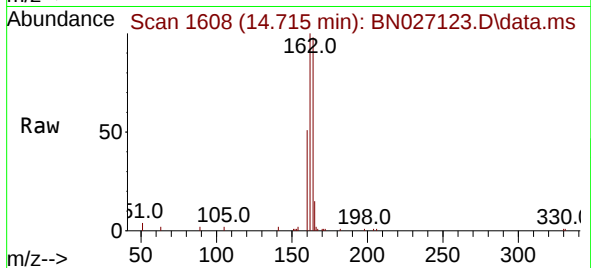




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.715 min Scan# 1608
Delta R.T. 0.011 min
Lab File: BN027123.D
Acq: 25 Aug 2023 17:46

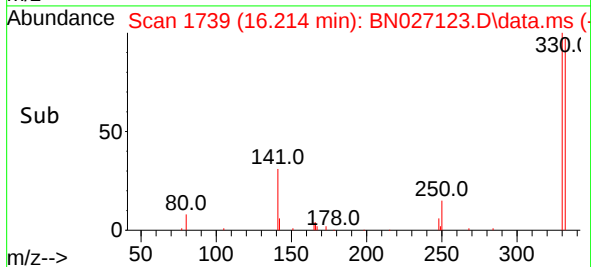
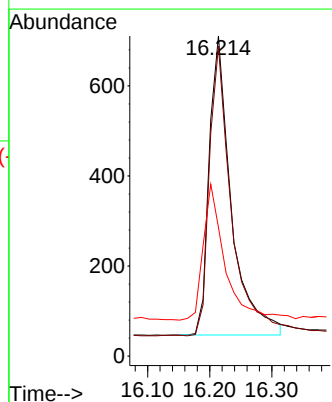
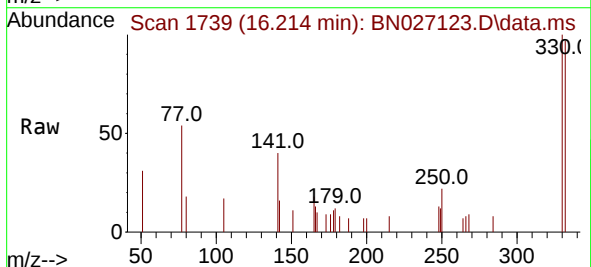
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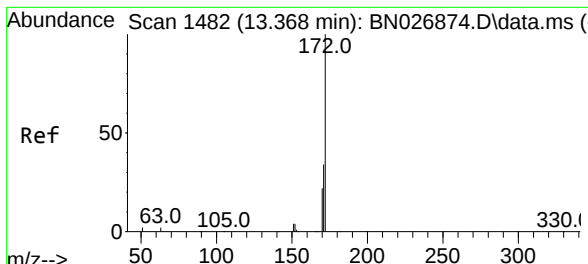
Tgt Ion:164 Resp: 10069
Ion Ratio Lower Upper
164 100
162 101.6 79.7 119.5
160 51.5 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.307 ng
RT: 16.214 min Scan# 1739
Delta R.T. 0.013 min
Lab File: BN027123.D
Acq: 25 Aug 2023 17:46

Tgt Ion:330 Resp: 1647
Ion Ratio Lower Upper
330 100
332 96.5 76.6 114.8
141 44.1 32.3 48.5

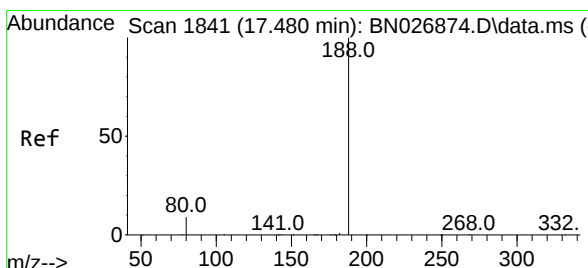
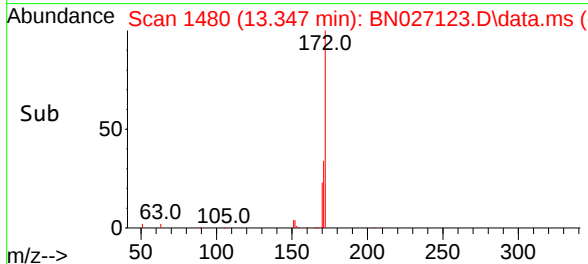
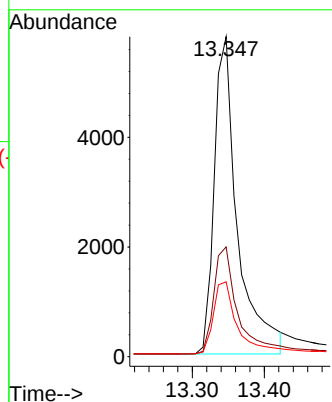
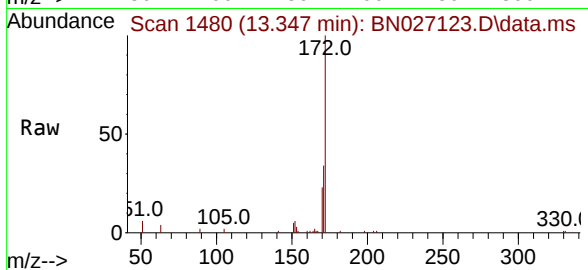




#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 13.347 min Scan# 1480
Delta R.T. 0.011 min
Lab File: BN027123.D
Acq: 25 Aug 2023 17:46

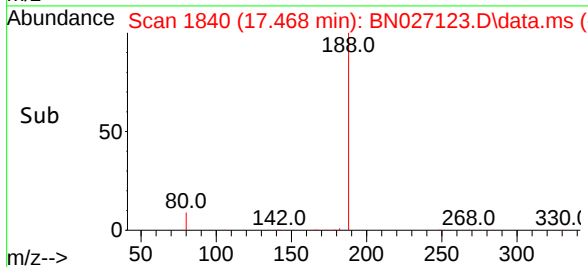
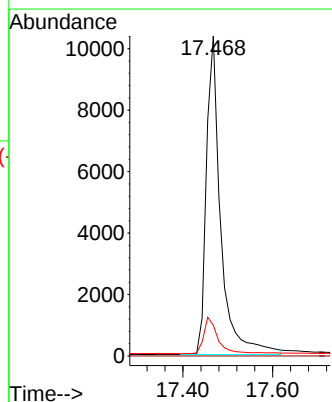
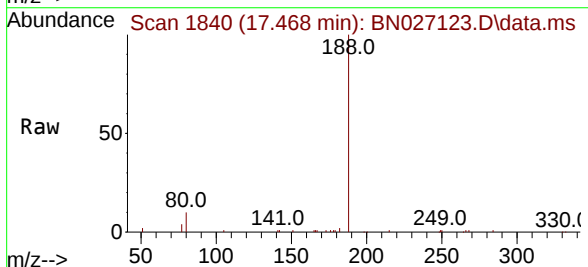
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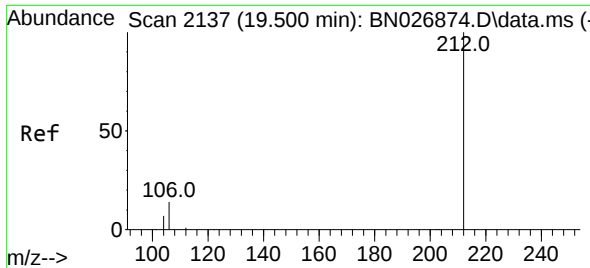
Tgt Ion:	172	Resp:	12920
Ion Ratio	Lower	Upper	
172	100		
171	34.3	27.4	41.0
170	23.4	18.0	27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.468 min Scan# 1840
Delta R.T. 0.013 min
Lab File: BN027123.D
Acq: 25 Aug 2023 17:46

Tgt Ion:	188	Resp:	22842
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.7	7.4	11.2

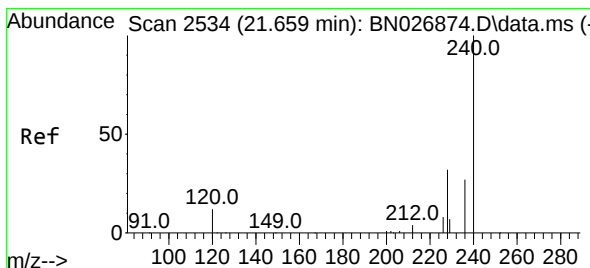
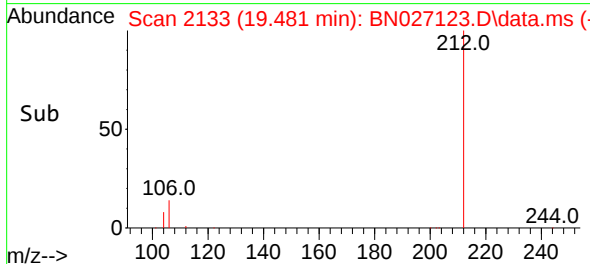
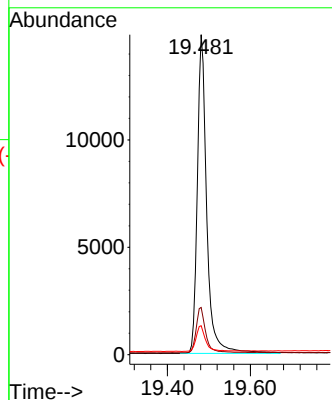
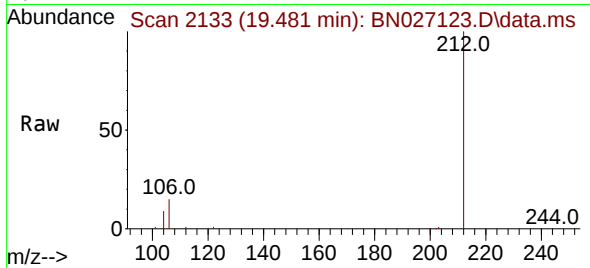




#27
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.481 min Scan# 2133
Delta R.T. 0.005 min
Lab File: BN027123.D
Acq: 25 Aug 2023 17:46

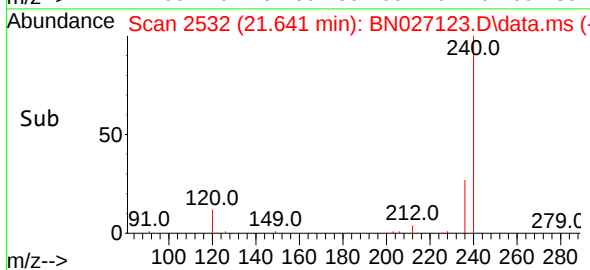
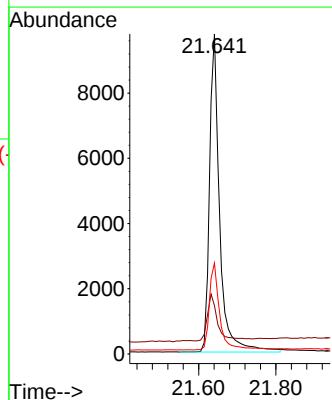
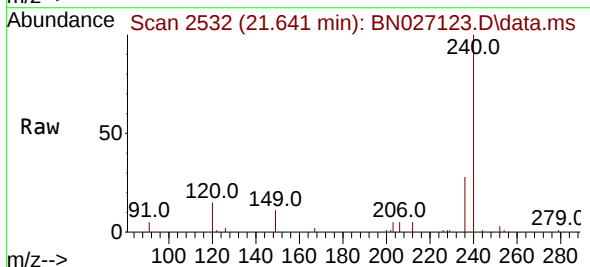
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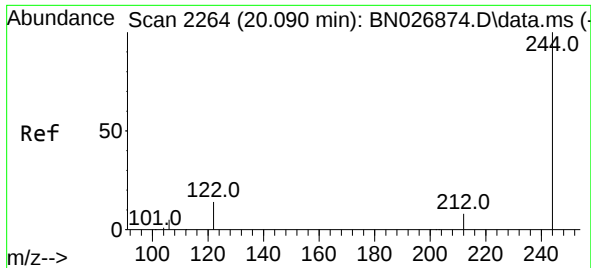
Tgt Ion:212 Resp: 23467
Ion Ratio Lower Upper
212 100
106 14.5 10.9 16.3
104 8.1 5.9 8.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.641 min Scan# 2532
Delta R.T. 0.009 min
Lab File: BN027123.D
Acq: 25 Aug 2023 17:46

Tgt Ion:240 Resp: 17751
Ion Ratio Lower Upper
240 100
120 15.2 11.1 16.7
236 28.4 22.2 33.2

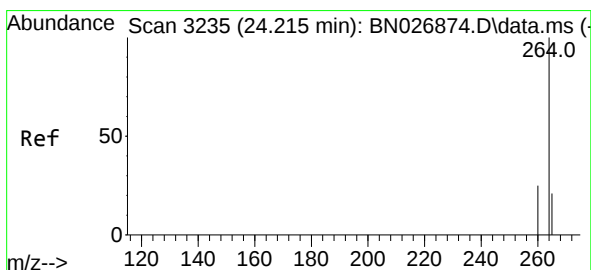
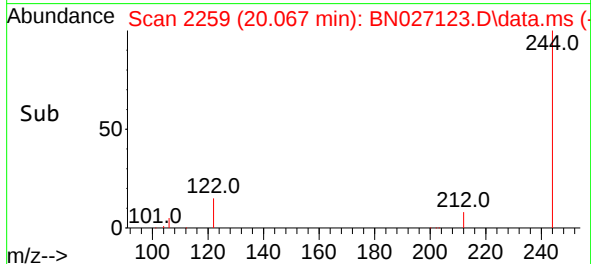
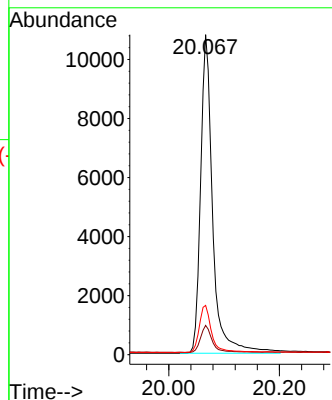
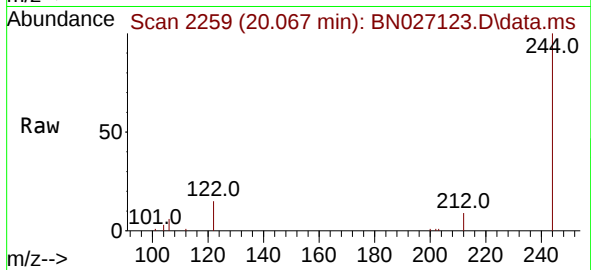




#31
 Terphenyl-d14
 Concen: 0.443 ng
 RT: 20.067 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN027123.D
 Acq: 25 Aug 2023 17:46

Instrument :
 BNA_N
 ClientSampleId :
 PB154980BL

Tgt Ion:244 Resp: 16423
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.9 10.3
 122 15.4 11.9 17.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.180 min Scan# 3223
 Delta R.T. 0.009 min
 Lab File: BN027123.D
 Acq: 25 Aug 2023 17:46

Tgt Ion:264 Resp: 17386
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.4 30.6
 265 71.8 27.0 40.6#

