

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
 Data File : BN025327.D
 Acq On : 07 May 2023 00:17
 Operator : CG/JU
 Sample : SP6189
 Misc : 8270 SIM SURROGATE
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP6189

Quant Time: May 08 04:50:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 08 04:14:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	5760	0.400	ng	0.00
7) Naphthalene-d8	10.718	136	18227	0.400	ng	# 0.00
13) Acenaphthene-d10	14.555	164	11311	0.400	ng	0.00
19) Phenanthrene-d10	17.311	188	23489	0.400	ng	0.01
29) Chrysene-d12	21.500	240	18814	0.400	ng	# 0.00
35) Perylene-d12	23.939	264	18205	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.470	112	8109	0.578	ng	0.00
5) Phenol-d6	7.095	99	8301	0.472	ng	0.01
8) Nitrobenzene-d5	9.106	82	5276	0.352	ng	0.02
11) 2-Methylnaphthalene-d10	12.313	152	12362	0.496	ng	0.00
14) 2,4,6-Tribromophenol	16.057	330	2398	0.415	ng	0.00
15) 2-Fluorobiphenyl	13.187	172	16385	0.422	ng	0.01
27) Fluoranthene-d10	19.338	212	29193	0.502	ng	0.00
31) Terphenyl-d14	19.932	244	22424	0.591	ng	0.00

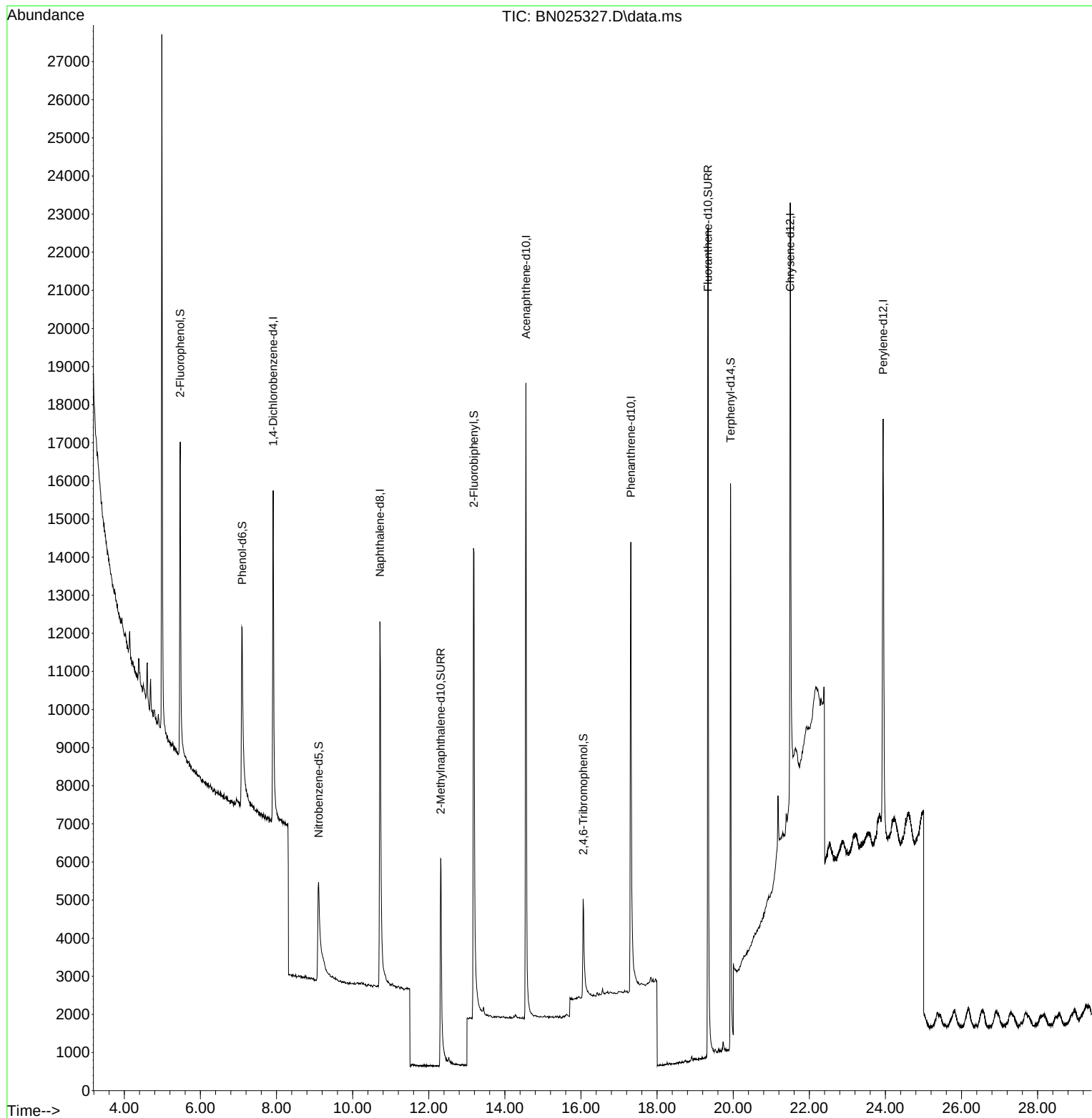
Target Compounds Qvalue

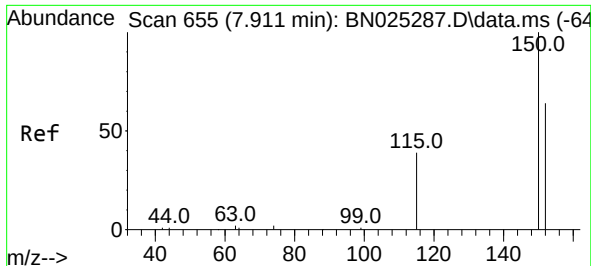
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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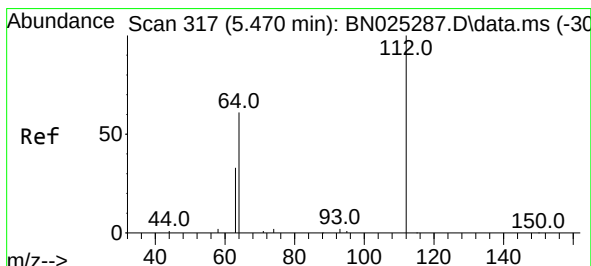
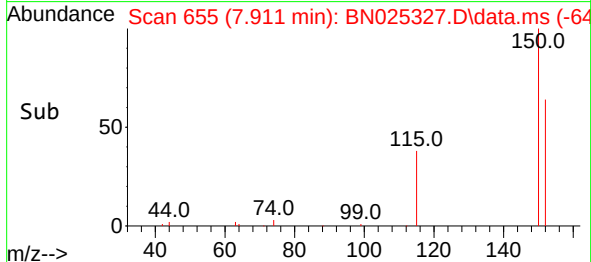
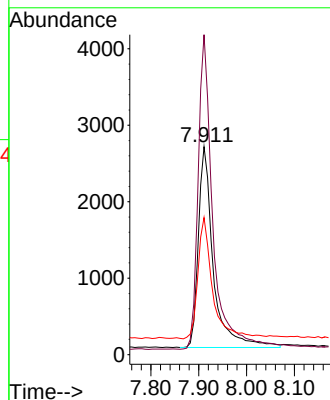
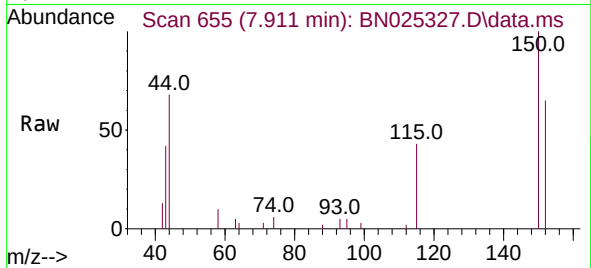




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.911 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN025327.D
Acq: 07 May 2023 00:17

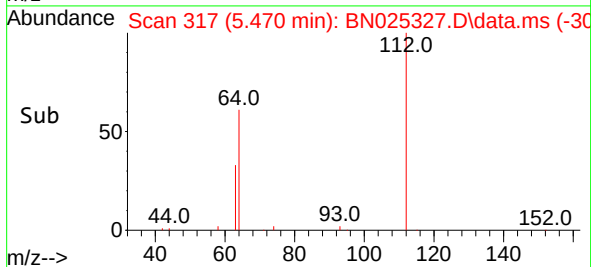
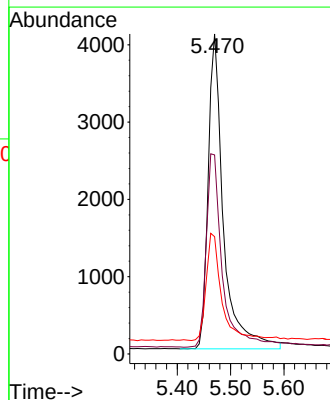
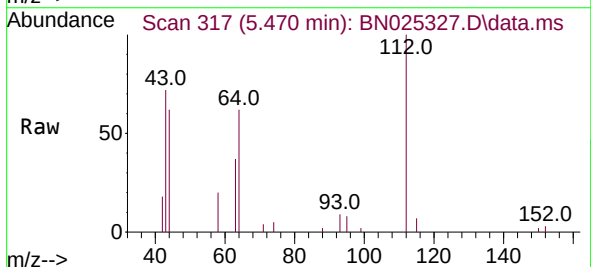
Instrument :
BNA_N
ClientSampleId :
SP6189

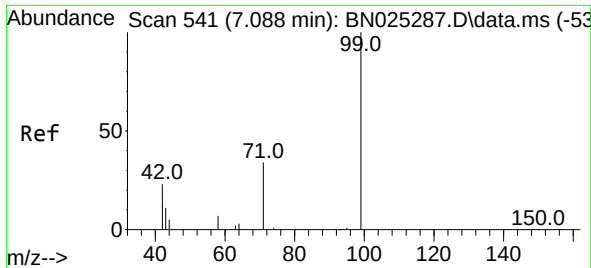
Tgt Ion:152 Resp: 5760
Ion Ratio Lower Upper
152 100
150 153.8 123.8 185.8
115 65.9 52.9 79.3



#4
2-Fluorophenol
Concen: 0.578 ng
RT: 5.470 min Scan# 317
Delta R.T. 0.000 min
Lab File: BN025327.D
Acq: 07 May 2023 00:17

Tgt Ion:112 Resp: 8109
Ion Ratio Lower Upper
112 100
64 65.1 51.5 77.3
63 35.1 27.8 41.6

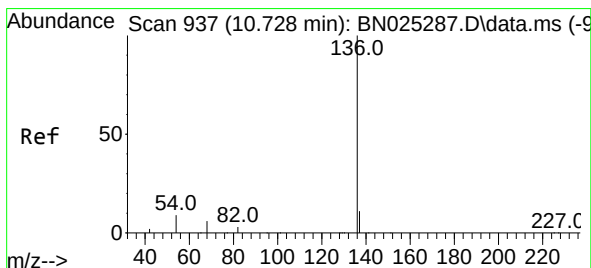
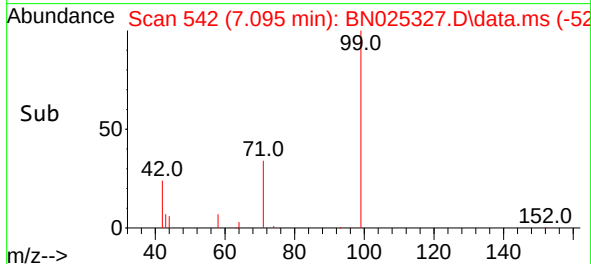
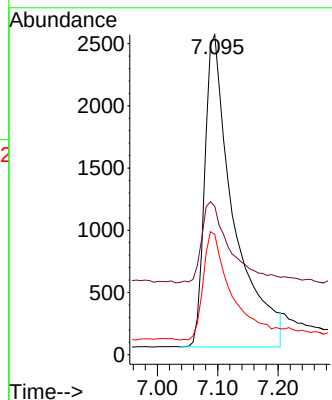
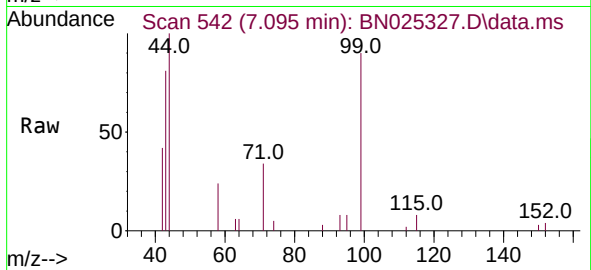




#5
Phenol-d6
Concen: 0.472 ng
RT: 7.095 min Scan# 541
Delta R.T. 0.015 min
Lab File: BN025327.D
Acq: 07 May 2023 00:17

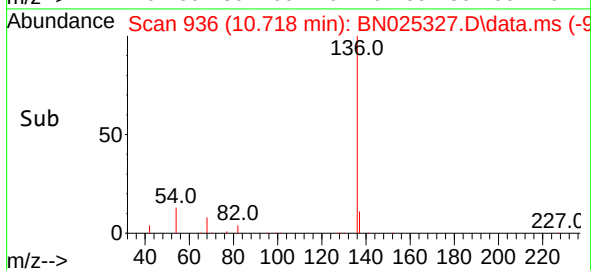
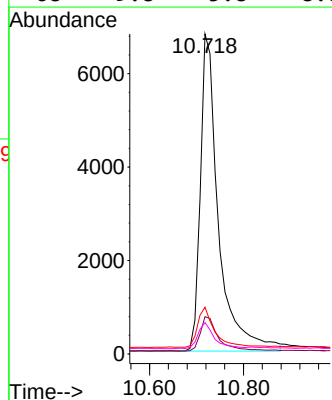
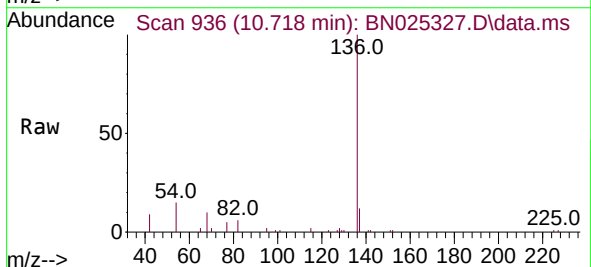
Instrument :
BNA_N
ClientSampleId :
SP6189

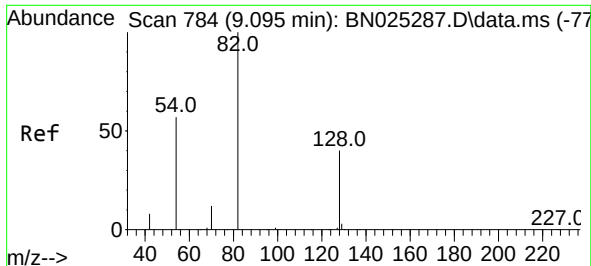
Tgt Ion: 99 Resp: 8301
Ion Ratio Lower Upper
99 100
42 25.6 22.0 33.0
71 35.2 28.7 43.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.718 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN025327.D
Acq: 07 May 2023 00:17

Tgt Ion: 136 Resp: 18227
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.2
54 14.6 8.5 12.7#
68 9.8 5.8 8.8#

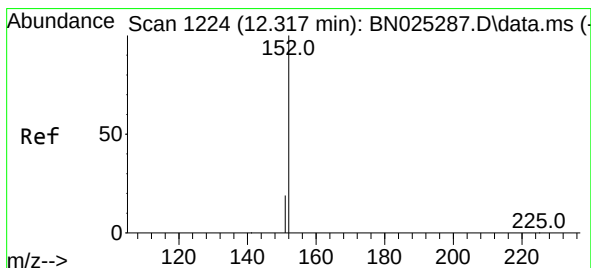
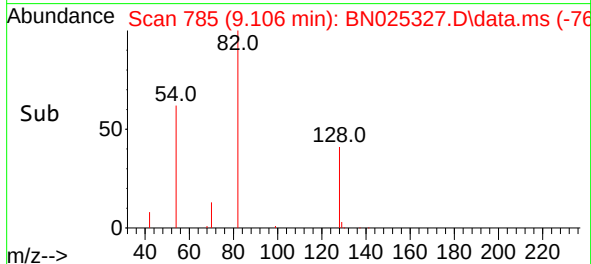
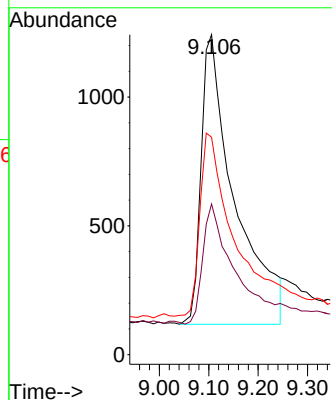
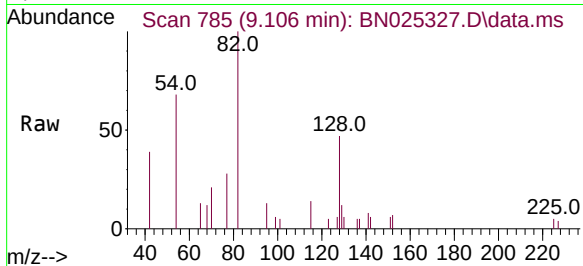




#8
Nitrobenzene-d5
Concen: 0.352 ng
RT: 9.106 min Scan# 71
Delta R.T. 0.022 min
Lab File: BN025327.D
Acq: 07 May 2023 00:17

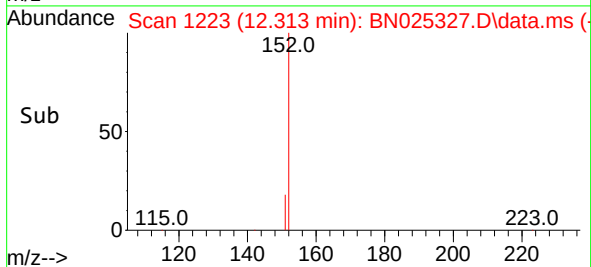
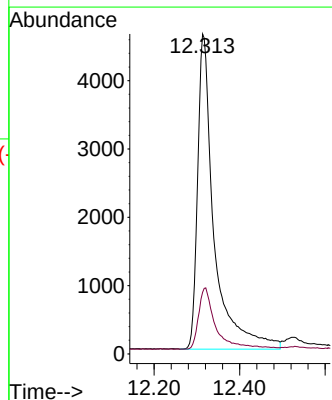
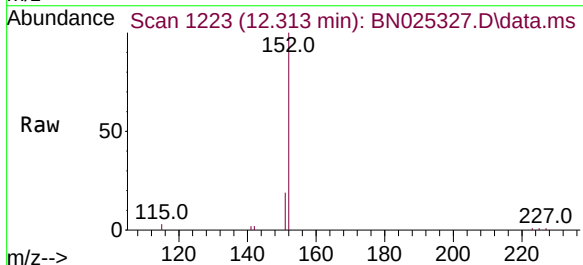
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BNA_N
ClientSampleId :
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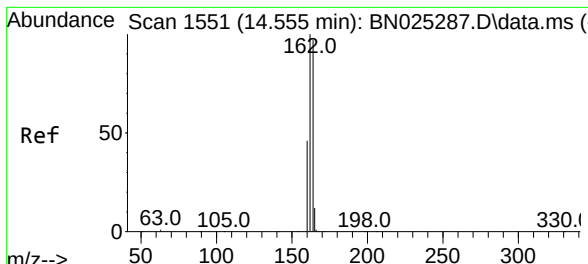
Tgt Ion: 82 Resp: 5276
Ion Ratio Lower Upper
82 100
128 47.1 35.3 52.9
54 68.0 48.7 73.1



#11
2-Methylnaphthalene-d10
Concen: 0.496 ng
RT: 12.313 min Scan# 1223
Delta R.T. 0.004 min
Lab File: BN025327.D
Acq: 07 May 2023 00:17

Tgt Ion: 152 Resp: 12362
Ion Ratio Lower Upper
152 100
151 19.5 16.4 24.6

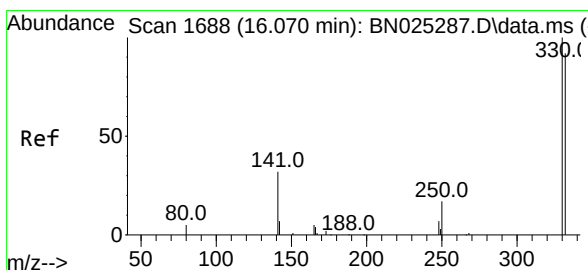
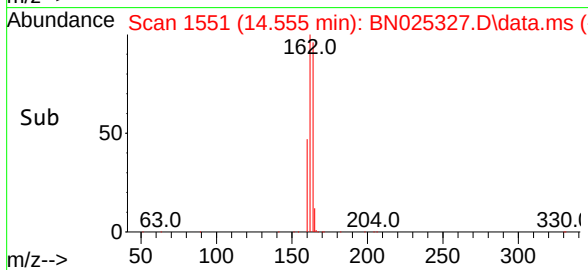
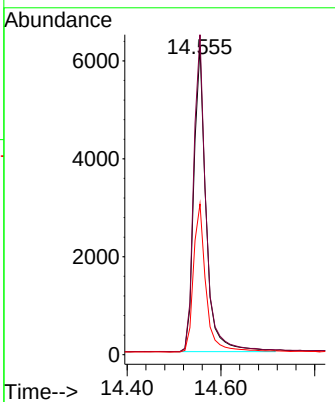
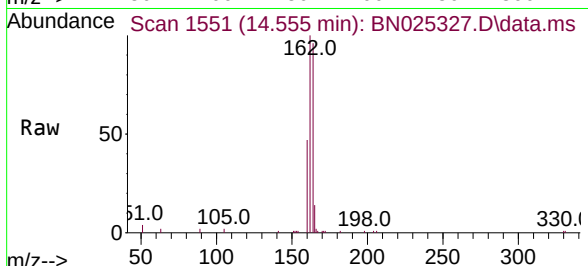




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.555 min Scan# 1551
 Delta R.T. 0.000 min
 Lab File: BN025327.D
 Acq: 07 May 2023 00:17

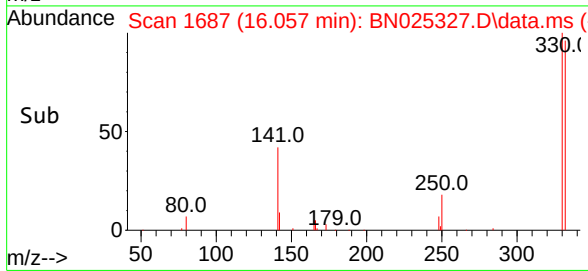
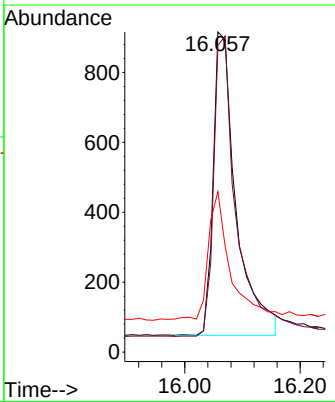
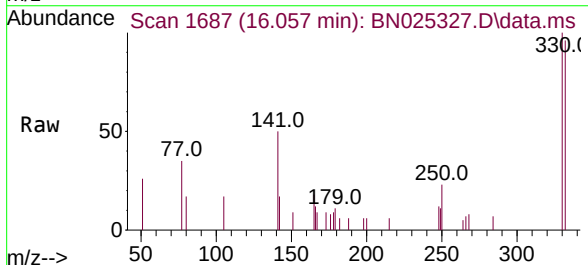
Instrument :
 BNA_N
 ClientSampleId :
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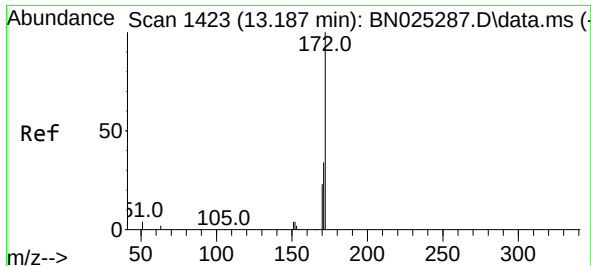
Tgt Ion:	164	Resp:	11311
Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.1	123.1
160	49.0	38.3	57.5



#14
 2,4,6-Tribromophenol
 Concen: 0.415 ng
 RT: 16.057 min Scan# 1687
 Delta R.T. 0.000 min
 Lab File: BN025327.D
 Acq: 07 May 2023 00:17

Tgt Ion:	330	Resp:	2398
Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.0
141	38.7	28.9	43.3

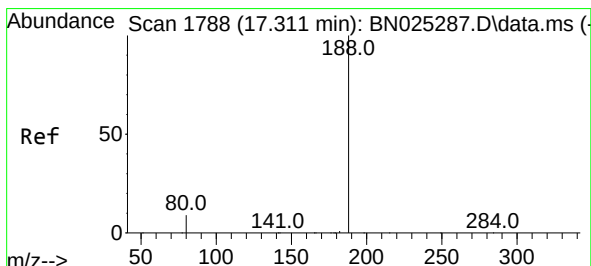
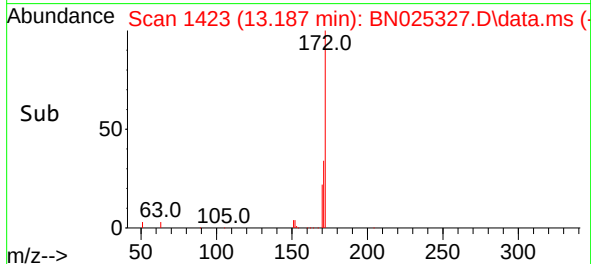
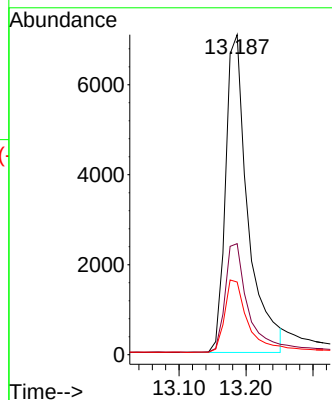
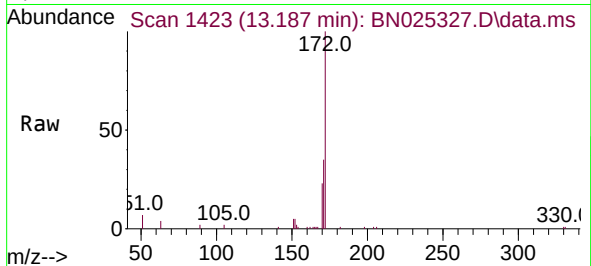




#15
2-Fluorobiphenyl
Concen: 0.422 ng
RT: 13.187 min Scan# 1423
Delta R.T. 0.011 min
Lab File: BN025327.D
Acq: 07 May 2023 00:17

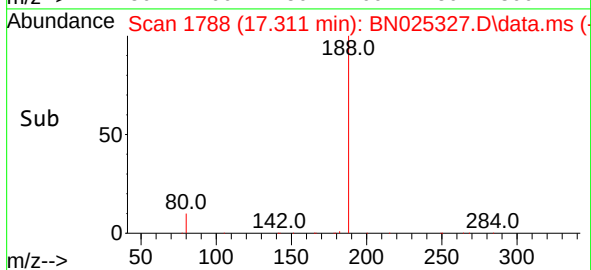
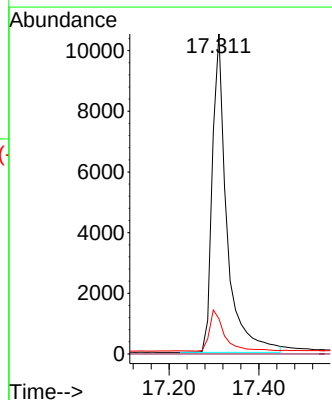
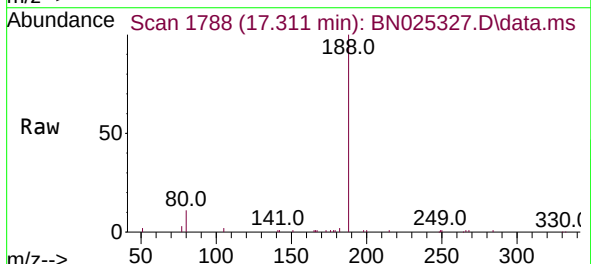
Instrument :
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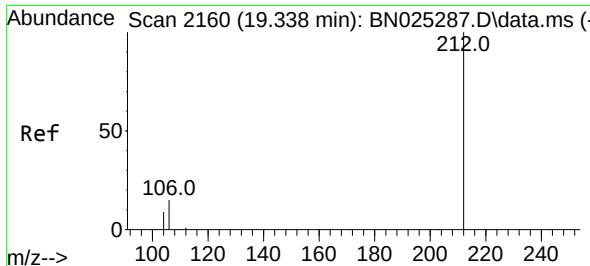
Tgt Ion:172 Resp: 16385
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 22.7 19.0 28.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.311 min Scan# 1788
Delta R.T. 0.013 min
Lab File: BN025327.D
Acq: 07 May 2023 00:17

Tgt Ion:188 Resp: 23489
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 8.0 12.0

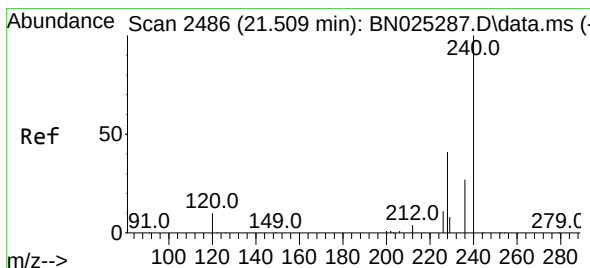
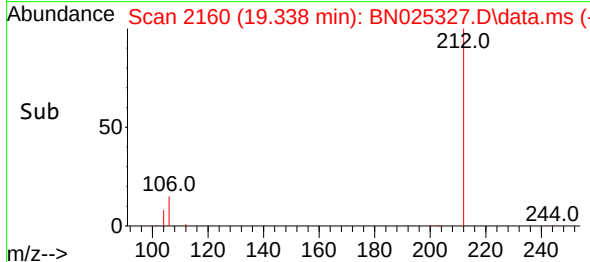
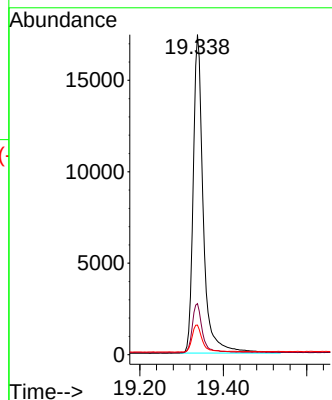
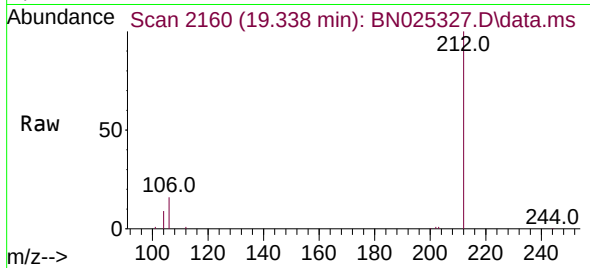




#27
Fluoranthene-d10
Concen: 0.502 ng
RT: 19.338 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BN025327.D
Acq: 07 May 2023 00:17

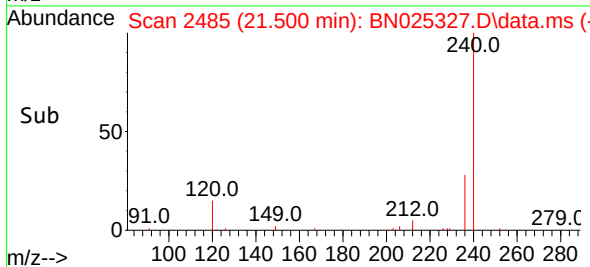
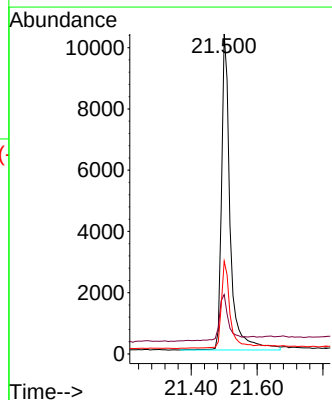
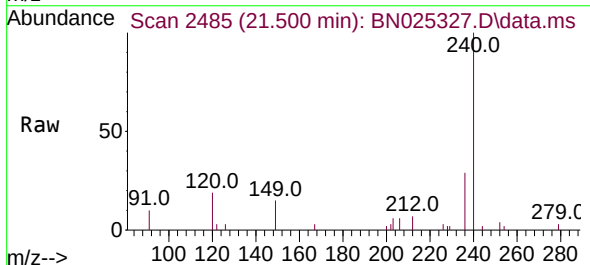
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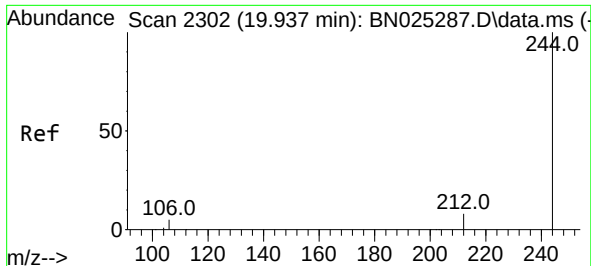
Tgt Ion:212 Resp: 29193
Ion Ratio Lower Upper
212 100
106 15.4 12.6 19.0
104 8.6 7.0 10.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.500 min Scan# 2485
Delta R.T. 0.000 min
Lab File: BN025327.D
Acq: 07 May 2023 00:17

Tgt Ion:240 Resp: 18814
Ion Ratio Lower Upper
240 100
120 18.5 10.3 15.5#
236 29.0 22.3 33.5

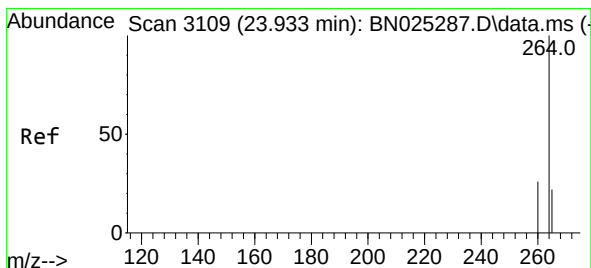
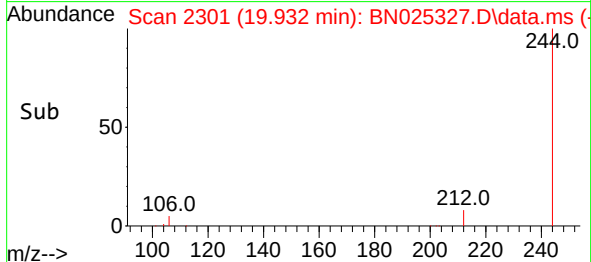
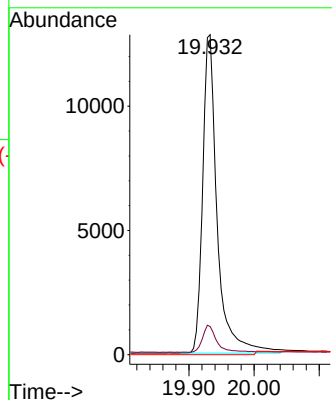
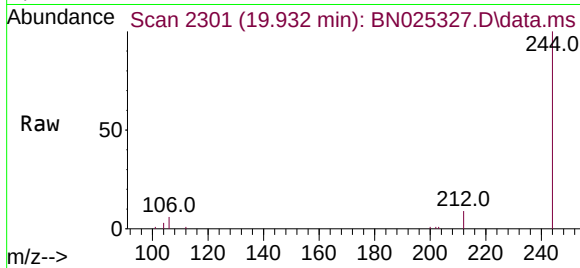




#31
 Terphenyl-d14
 Concen: 0.591 ng
 RT: 19.932 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN025327.D
 Acq: 07 May 2023 00:17

Instrument :
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Tgt Ion:244 Resp: 22424
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.1 10.7
 122 0.0 0.0 0.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.939 min Scan# 3111
 Delta R.T. 0.003 min
 Lab File: BN025327.D
 Acq: 07 May 2023 00:17

Tgt Ion:264 Resp: 18205
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.5 32.3
 265 67.4 46.2 69.4

