

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027195.D
 Acq On : 27 Aug 2023 18:52
 Operator : MA/JU
 Sample : PB154868BL
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB154868BL

Quant Time: Aug 28 00:45:05 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	8.073	152	6890	0.400	ng	-0.01
7) Naphthalene-d8	10.895	136	16424	0.400	ng	#-0.01
13) Acenaphthene-d10	14.705	164	9130	0.400	ng	0.00
19) Phenanthrene-d10	17.468	188	19774	0.400	ng	0.01
29) Chrysene-d12	21.632	240	13443	0.400	ng	# 0.00
35) Perylene-d12	24.168	264	11286	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	6102	0.314	ng	0.00
5) Phenol-d6	7.214	99	5879	0.245	ng	0.00
8) Nitrobenzene-d5	9.262	82	4002	0.288	ng	-0.01
11) 2-Methylnaphthalene-d10	12.476	152	8731	0.334	ng	0.00
14) 2,4,6-Tribromophenol	16.214	330	947	0.195	ng	0.01
15) 2-Fluorobiphenyl	13.336	172	11471	0.338	ng	0.00
27) Fluoranthene-d10	19.477	212	18577	0.366	ng	0.00
31) Terphenyl-d14	20.062	244	12626	0.449	ng	0.00

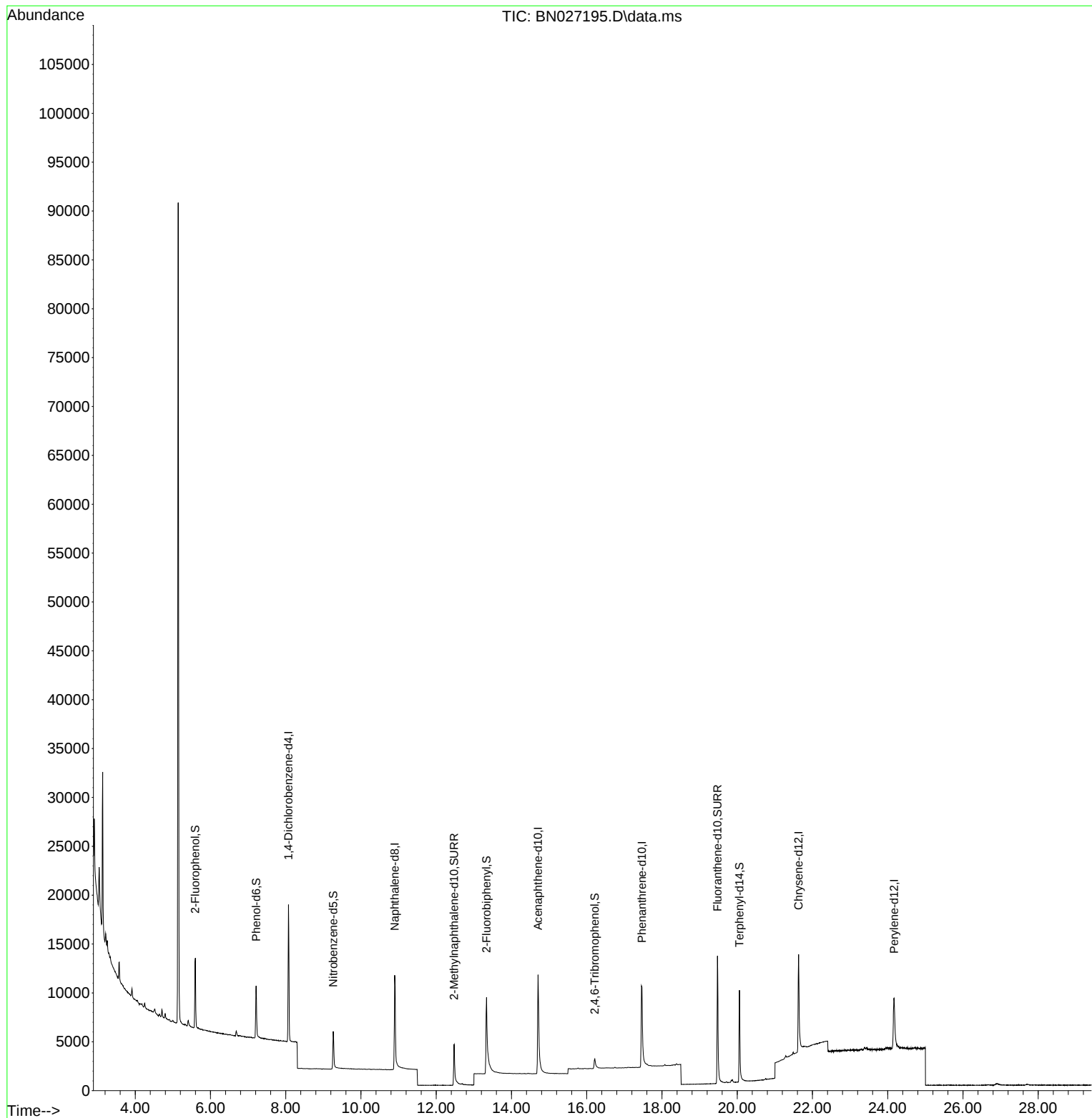
Target Compounds Qvalue

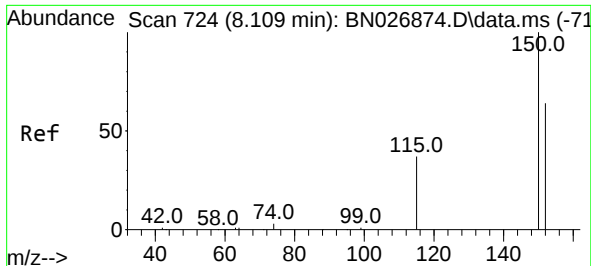
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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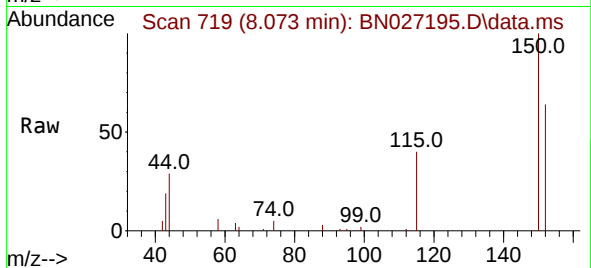
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



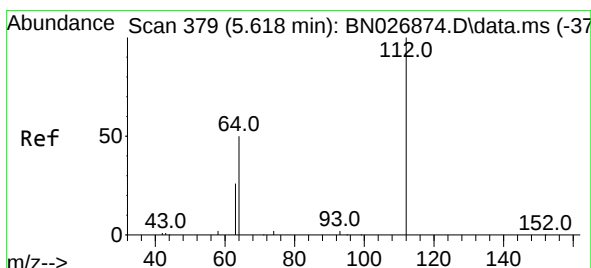
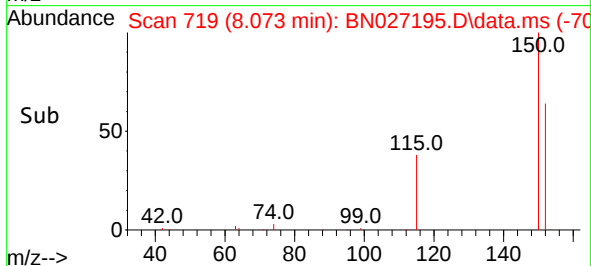
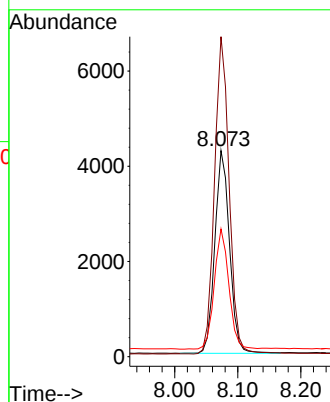


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.073 min Scan# 719
Delta R.T. -0.015 min
Lab File: BN027195.D
Acq: 27 Aug 2023 18:52

Instrument :
BNA_N
ClientSampleId :
PB154868BL

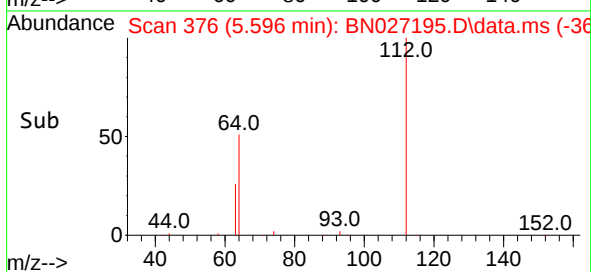
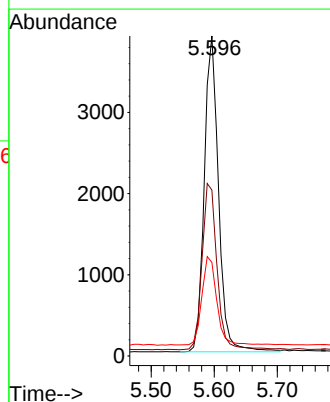
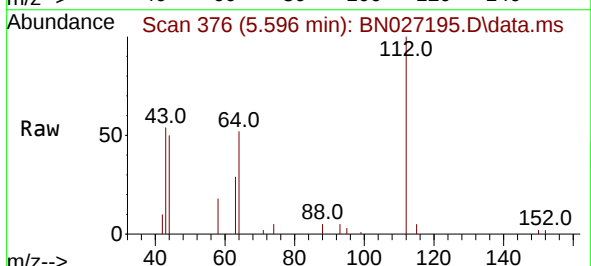


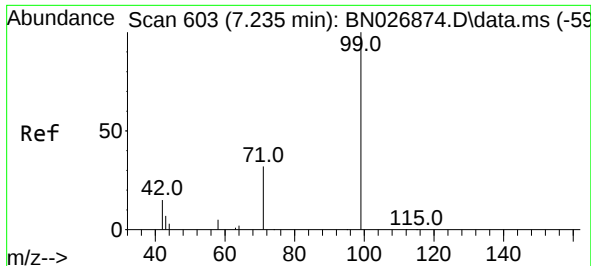
Tgt Ion:152 Resp: 6890
Ion Ratio Lower Upper
152 100
150 155.3 123.8 185.6
115 62.0 49.7 74.5



#4
2-Fluorophenol
Concen: 0.314 ng
RT: 5.596 min Scan# 376
Delta R.T. -0.007 min
Lab File: BN027195.D
Acq: 27 Aug 2023 18:52

Tgt Ion:112 Resp: 6102
Ion Ratio Lower Upper
112 100
64 55.3 41.5 62.3
63 29.0 21.7 32.5

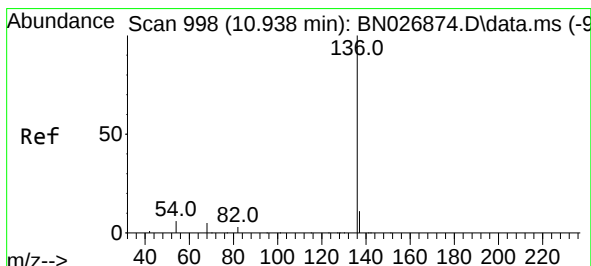
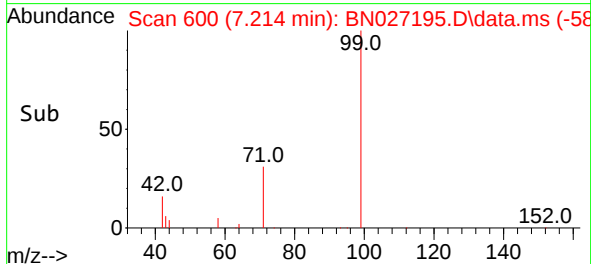
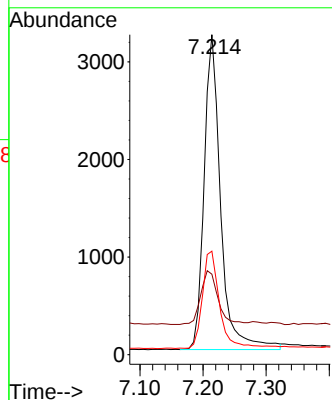
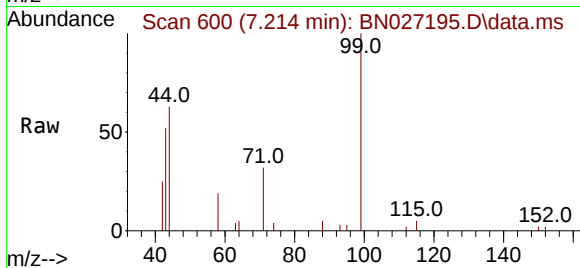




#5
Phenol-d6
Concen: 0.245 ng
RT: 7.214 min Scan# 603
Delta R.T. -0.007 min
Lab File: BN027195.D
Acq: 27 Aug 2023 18:52

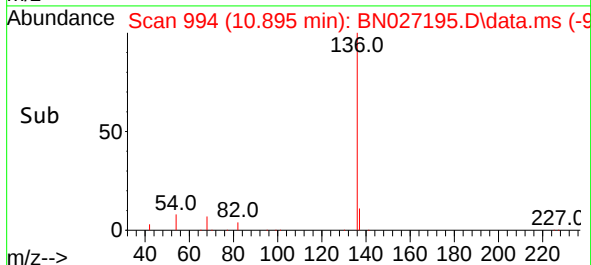
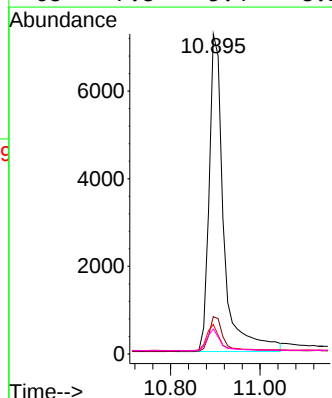
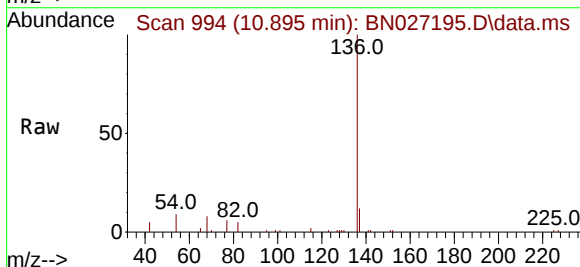
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BNA_N
ClientSampleId :
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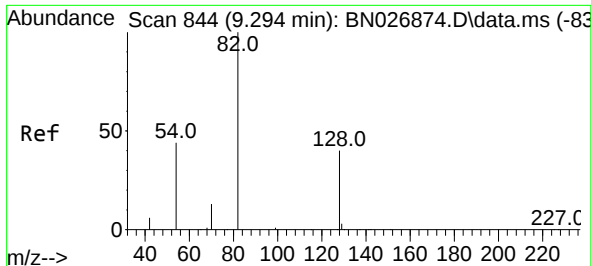
Tgt Ion: 99 Resp: 5879
Ion Ratio Lower Upper
99 100
42 17.6 13.6 20.4
71 32.6 26.0 39.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 994
Delta R.T. -0.011 min
Lab File: BN027195.D
Acq: 27 Aug 2023 18:52

Tgt Ion: 136 Resp: 16424
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 9.2 5.5 8.3#
68 7.8 5.4 8.2

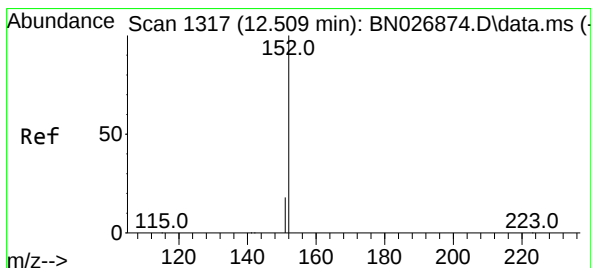
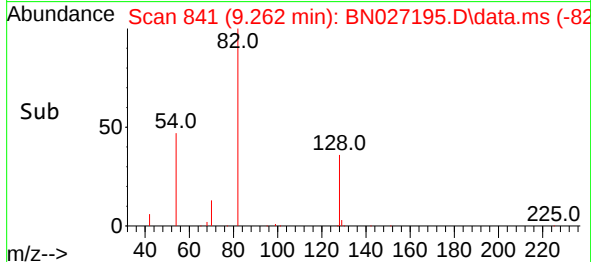
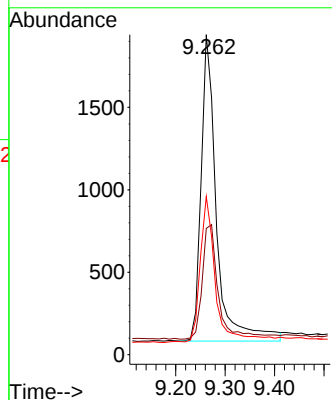
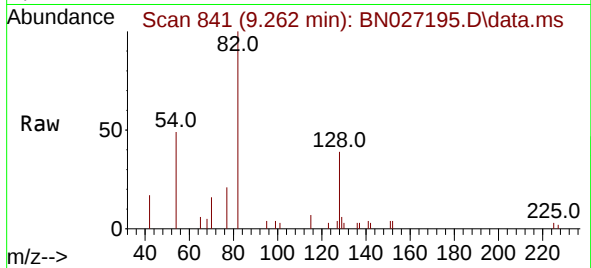




#8
Nitrobenzene-d5
Concen: 0.288 ng
RT: 9.262 min Scan# 841
Delta R.T. -0.011 min
Lab File: BN027195.D
Acq: 27 Aug 2023 18:52

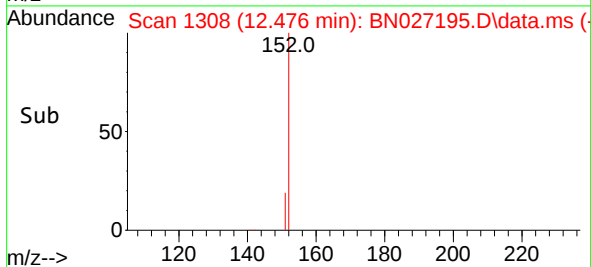
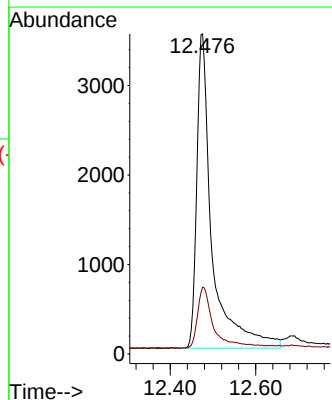
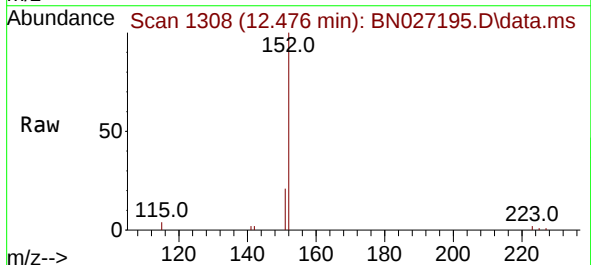
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ClientSampleId :
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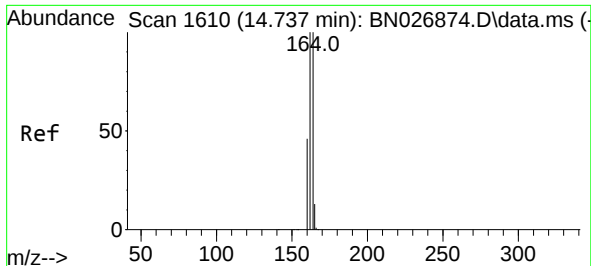
Tgt Ion: 82 Resp: 4002
Ion Ratio Lower Upper
82 100
128 39.5 34.1 51.1
54 49.4 37.0 55.4



#11
2-Methylnaphthalene-d10
Concen: 0.334 ng
RT: 12.476 min Scan# 1308
Delta R.T. -0.007 min
Lab File: BN027195.D
Acq: 27 Aug 2023 18:52

Tgt Ion: 152 Resp: 8731
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5

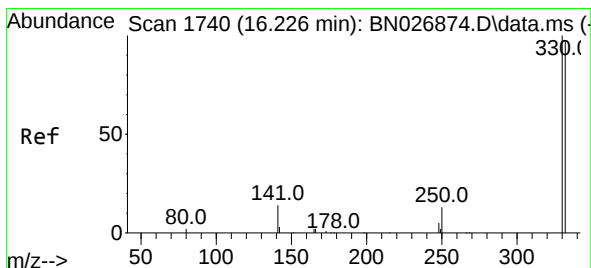
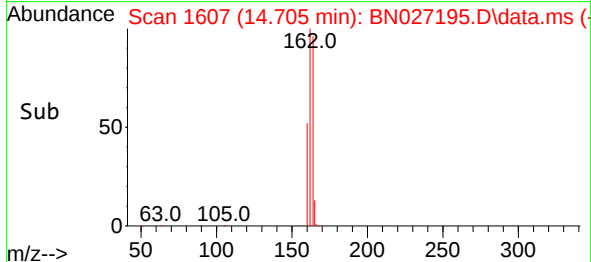
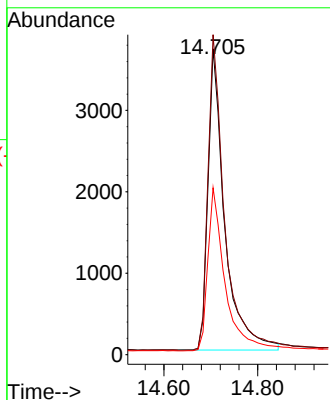
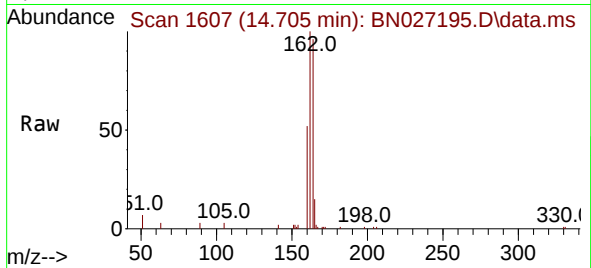




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.705 min Scan# 1607
 Delta R.T. 0.000 min
 Lab File: BN027195.D
 Acq: 27 Aug 2023 18:52

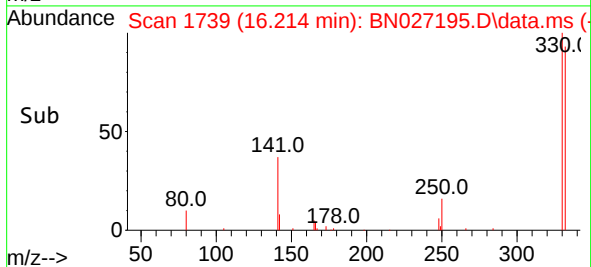
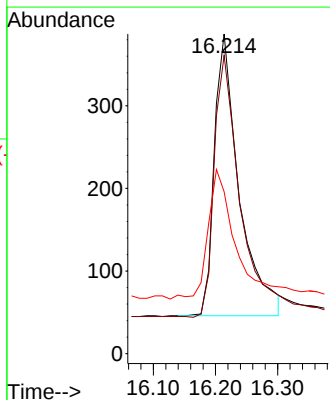
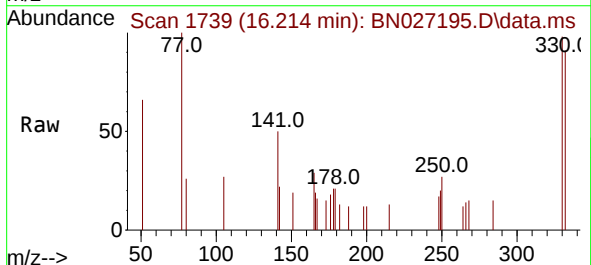
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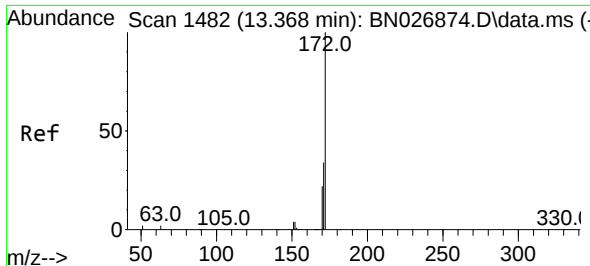
Tgt Ion:164 Resp: 9130
 Ion Ratio Lower Upper
 164 100
 162 104.6 79.7 119.5
 160 54.5 37.4 56.0



#14
 2,4,6-Tribromophenol
 Concen: 0.195 ng
 RT: 16.214 min Scan# 1739
 Delta R.T. 0.012 min
 Lab File: BN027195.D
 Acq: 27 Aug 2023 18:52

Tgt Ion:330 Resp: 947
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 50.6 32.3 48.5#

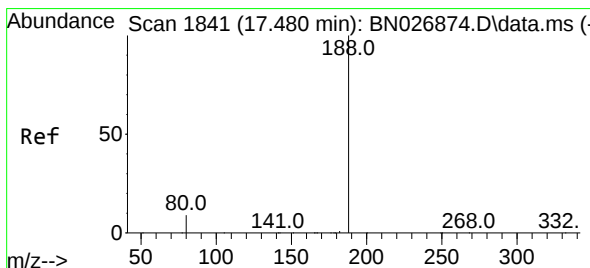
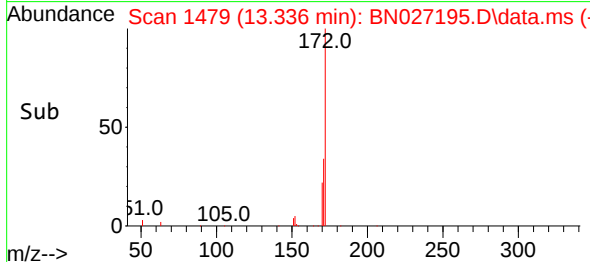
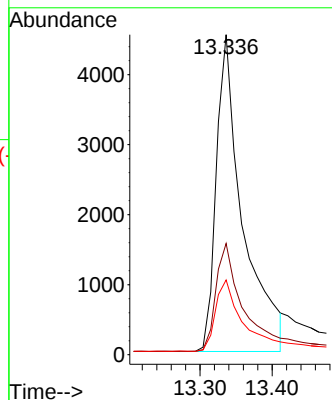
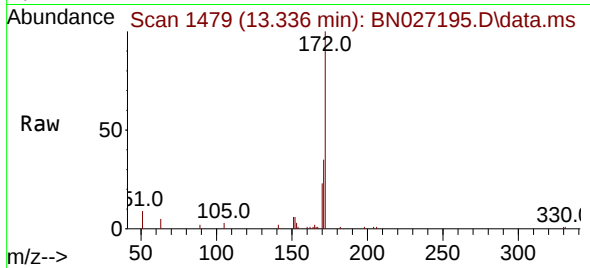




#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 13.336 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BN027195.D
Acq: 27 Aug 2023 18:52

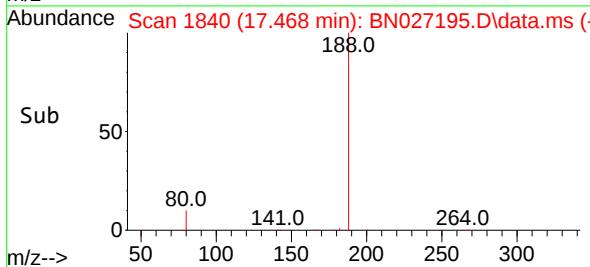
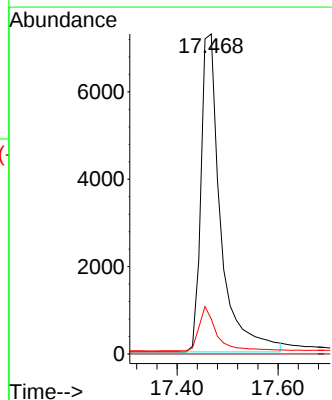
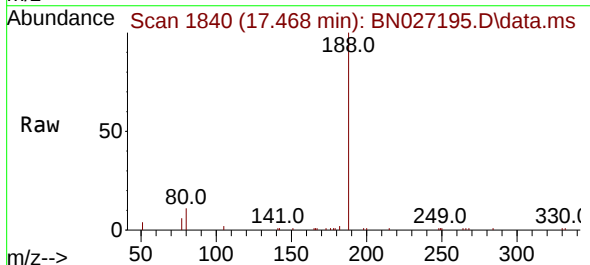
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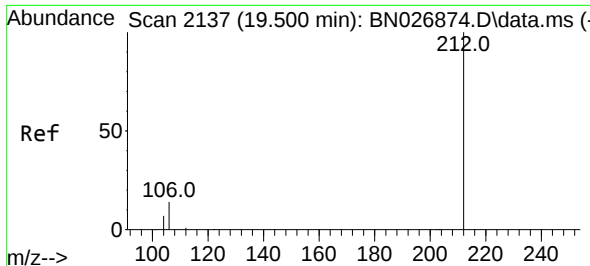
Tgt Ion:	172	Resp:	11471
Ion Ratio	Lower	Upper	
172	100		
171	34.8	27.4	41.0
170	23.4	18.0	27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.468 min Scan# 1840
Delta R.T. 0.012 min
Lab File: BN027195.D
Acq: 27 Aug 2023 18:52

Tgt Ion:	188	Resp:	19774
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.0	7.4	11.2

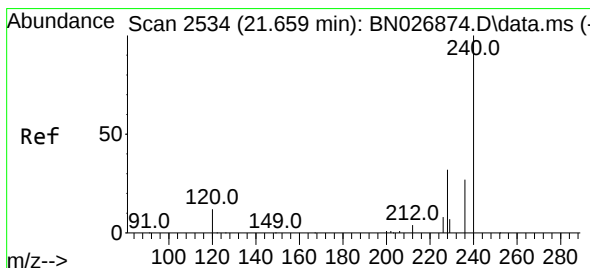
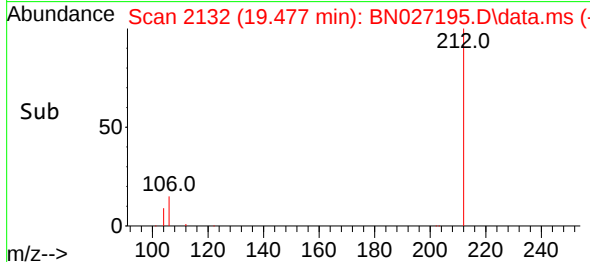
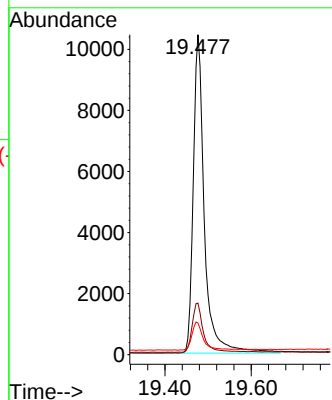
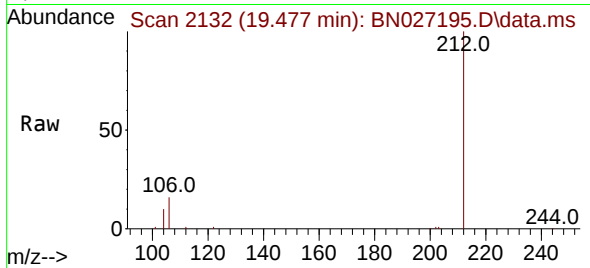




#27
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.477 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BN027195.D
Acq: 27 Aug 2023 18:52

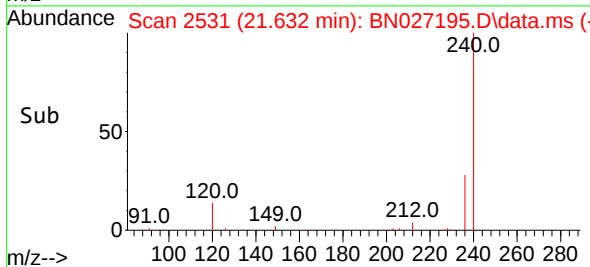
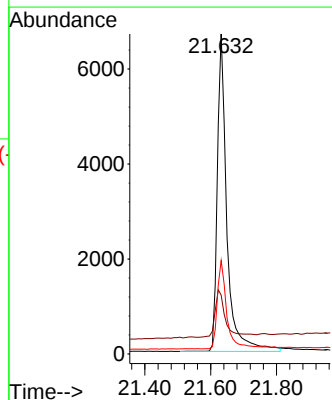
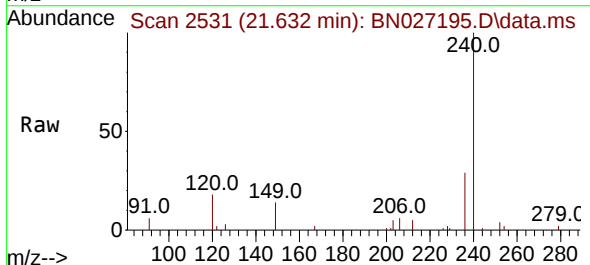
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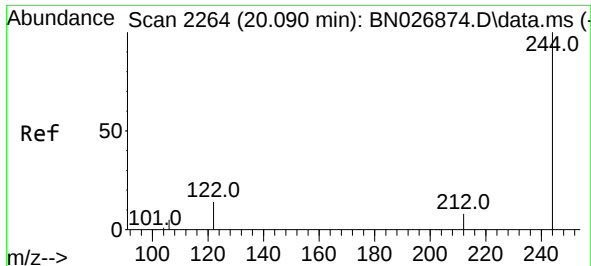
Tgt Ion:212 Resp: 18577
Ion Ratio Lower Upper
212 100
106 15.6 10.9 16.3
104 9.0 5.9 8.9#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.632 min Scan# 2531
Delta R.T. 0.000 min
Lab File: BN027195.D
Acq: 27 Aug 2023 18:52

Tgt Ion:240 Resp: 13443
Ion Ratio Lower Upper
240 100
120 18.4 11.1 16.7#
236 29.2 22.2 33.2

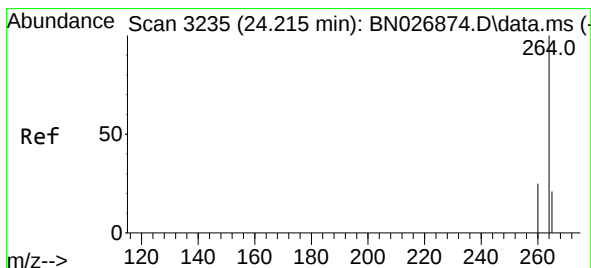
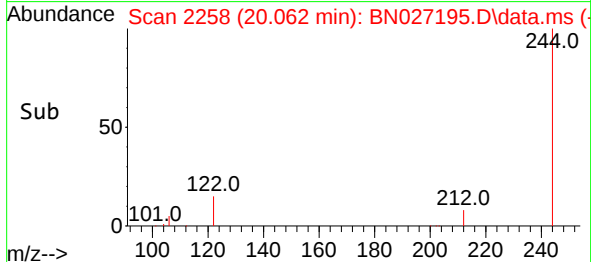
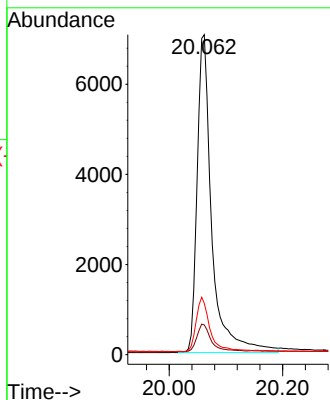
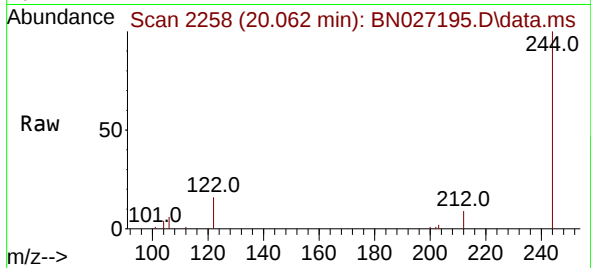




#31
 Terphenyl-d14
 Concen: 0.449 ng
 RT: 20.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN027195.D
 Acq: 27 Aug 2023 18:52

Instrument :
 BNA_N
 ClientSampleId :
 PB154868BL

Tgt Ion:244 Resp: 12626
 Ion Ratio Lower Upper
 244 100
 212 9.3 6.9 10.3
 122 16.0 11.9 17.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.168 min Scan# 3219
 Delta R.T. -0.003 min
 Lab File: BN027195.D
 Acq: 27 Aug 2023 18:52

Tgt Ion:264 Resp: 11286
 Ion Ratio Lower Upper
 264 100
 260 27.1 20.4 30.6
 265 92.9 27.0 40.6#

