

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
 Data File : BN033508.D
 Acq On : 20 Aug 2024 16:28
 Operator : MA/JU
 Sample : PB162787BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB162787BL

Quant Time: Aug 20 16:58:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 23:32:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	8441	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	21567	0.400	ng	# 0.00
13) Acenaphthene-d10	14.188	164	9670	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	18285	0.400	ng	0.00
29) Chrysene-d12	21.148	240	11101	0.400	ng	0.00
35) Perylene-d12	23.317	264	11428	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	6896	0.257	ng	0.00
5) Phenol-d6	6.736	99	8089	0.253	ng	0.00
8) Nitrobenzene-d5	8.681	82	5491	0.307	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	9369	0.304	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	958	0.184	ng	0.00
15) 2-Fluorobiphenyl	12.809	172	13438	0.340	ng	0.00
27) Fluoranthene-d10	18.979	212	12947	0.295	ng	0.00
31) Terphenyl-d14	19.593	244	8561	0.339	ng	0.00

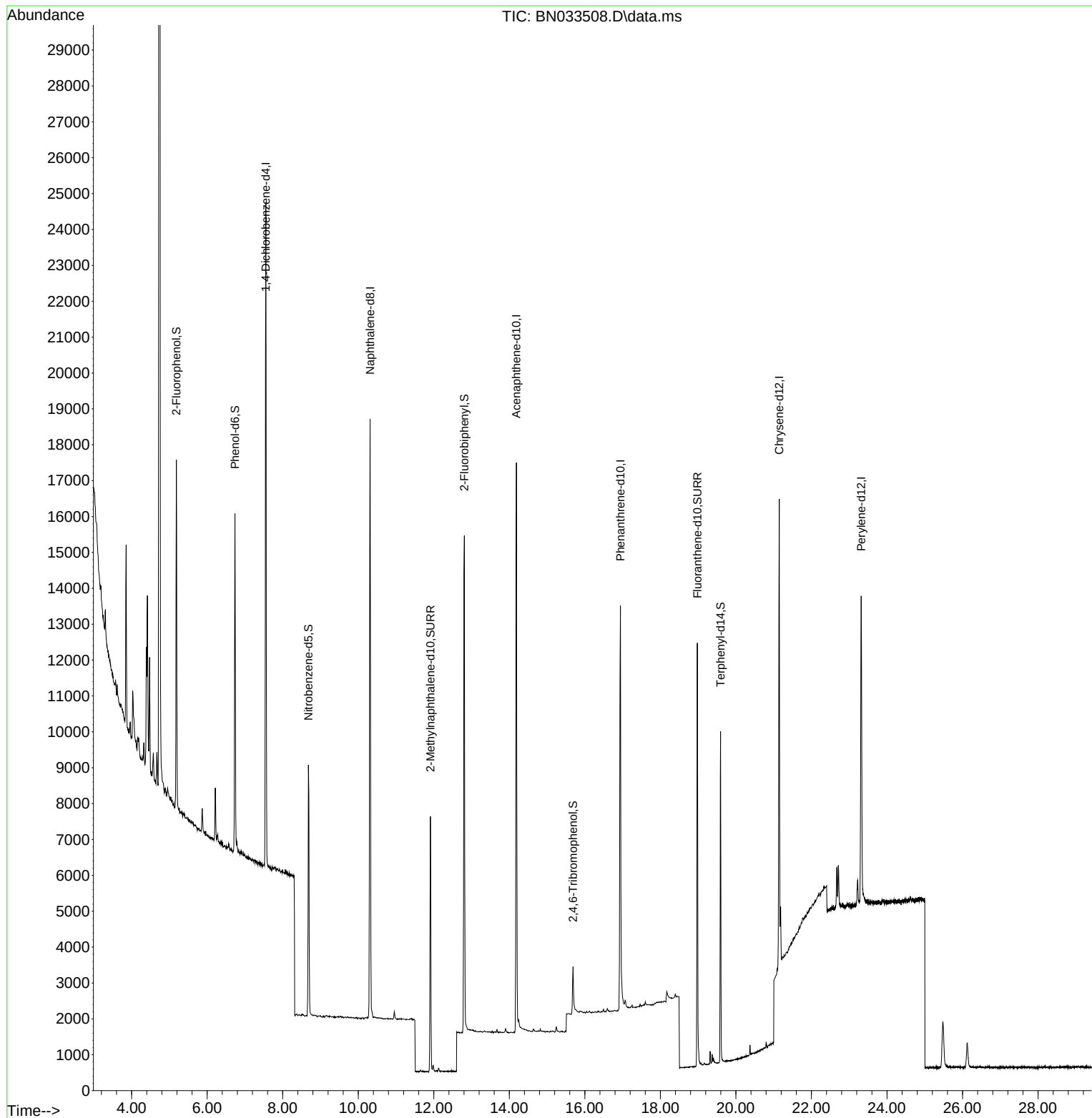
Target Compounds Qvalue

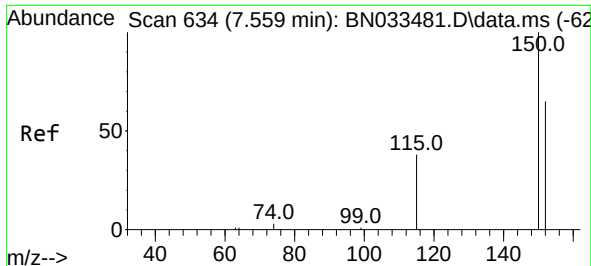
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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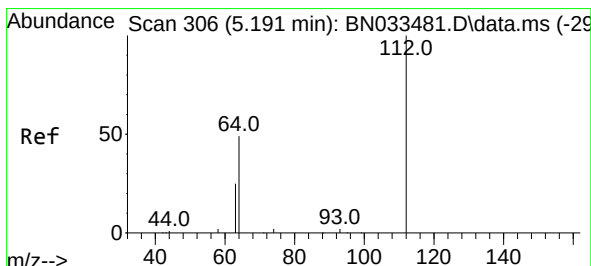
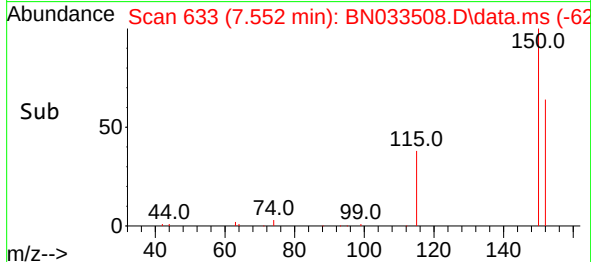
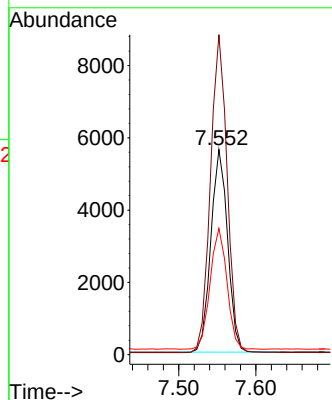
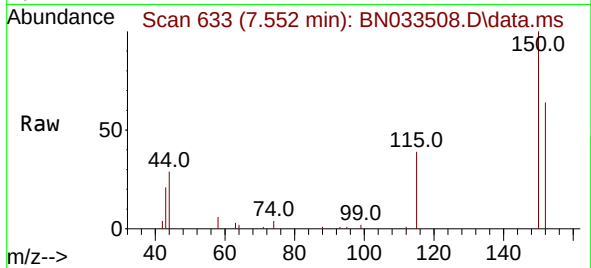




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.552 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033508.D
 Acq: 20 Aug 2024 16:28

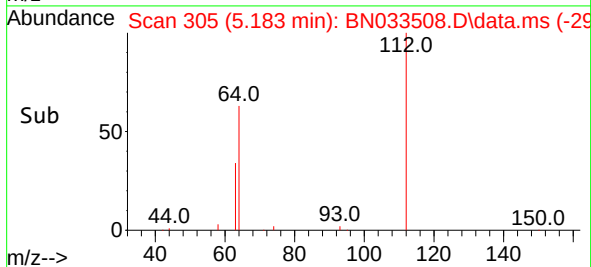
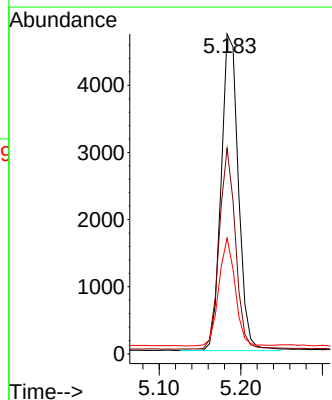
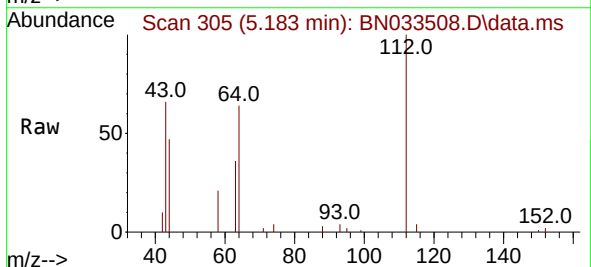
Instrument :
 BNA_N
 ClientSampleId :
 PB162787BL

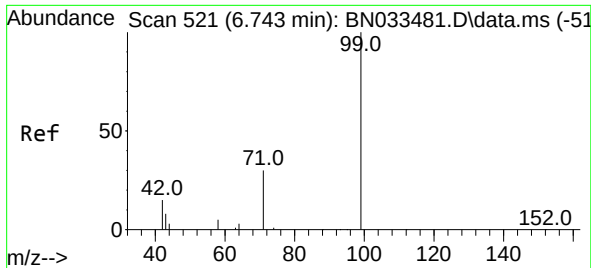
Tgt Ion:152 Resp: 8441
 Ion Ratio Lower Upper
 152 100
 150 156.0 122.2 183.2
 115 61.5 47.2 70.8



#4
 2-Fluorophenol
 Concen: 0.257 ng
 RT: 5.183 min Scan# 305
 Delta R.T. -0.007 min
 Lab File: BN033508.D
 Acq: 20 Aug 2024 16:28

Tgt Ion:112 Resp: 6896
 Ion Ratio Lower Upper
 112 100
 64 59.9 47.1 70.7
 63 32.0 24.9 37.3

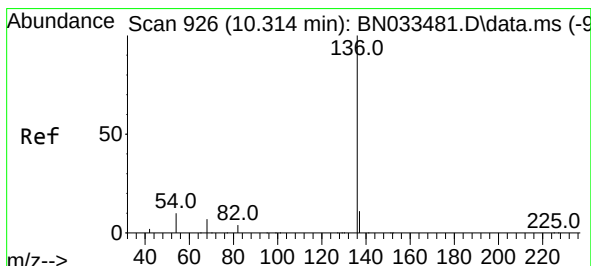
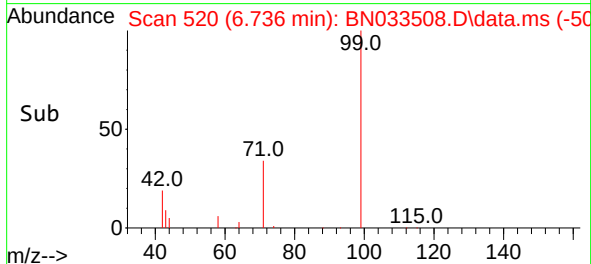
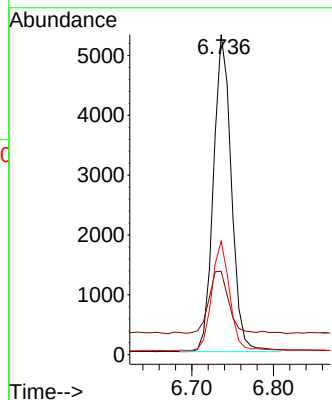
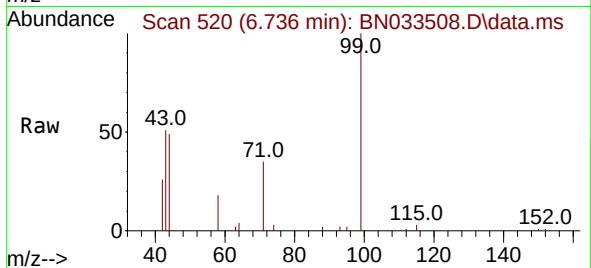




#5
Phenol-d6
Concen: 0.253 ng
RT: 6.736 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

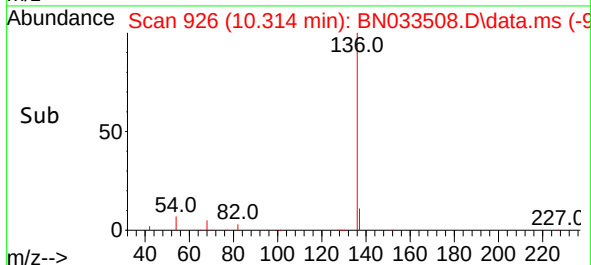
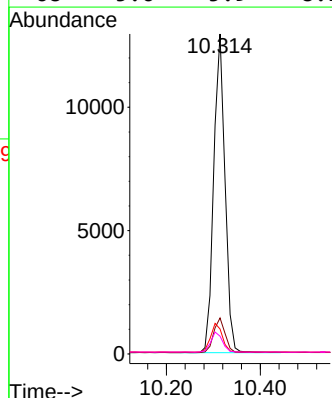
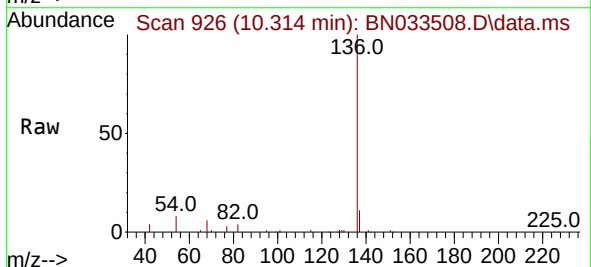
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BNA_N
ClientSampleId :
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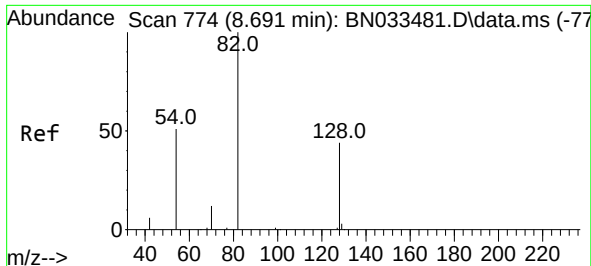
Tgt Ion: 99 Resp: 8089
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 34.4 26.2 39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 926
Delta R.T. -0.000 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

Tgt Ion:136 Resp: 21567
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 7.8 8.3 12.5#
68 5.6 5.9 8.9#

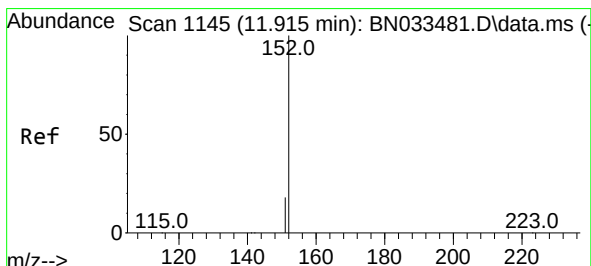
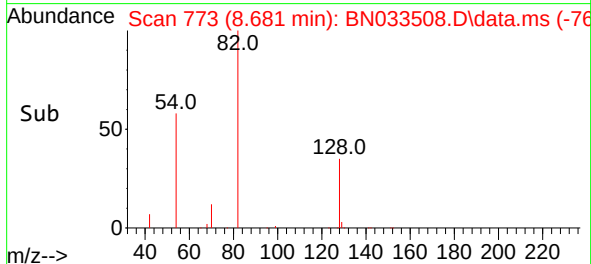
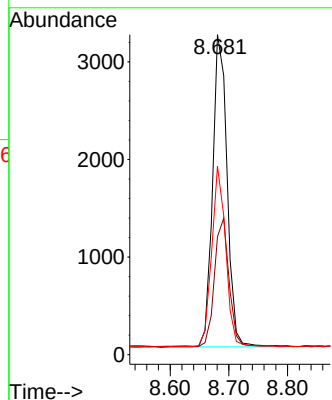
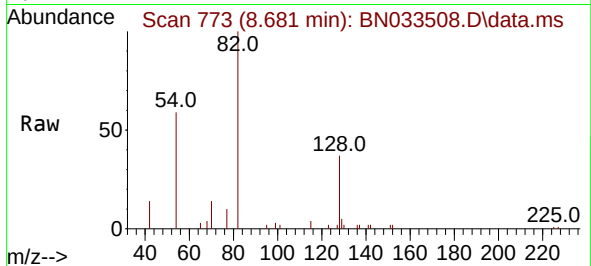




#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 8.681 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

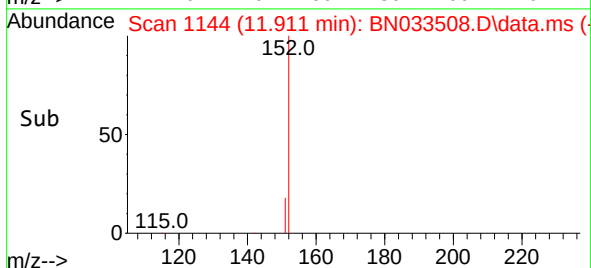
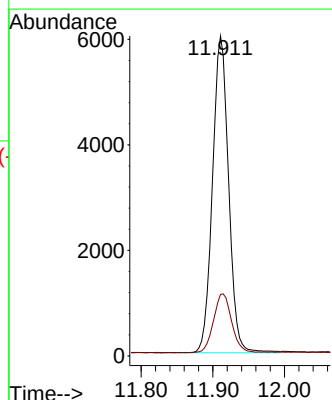
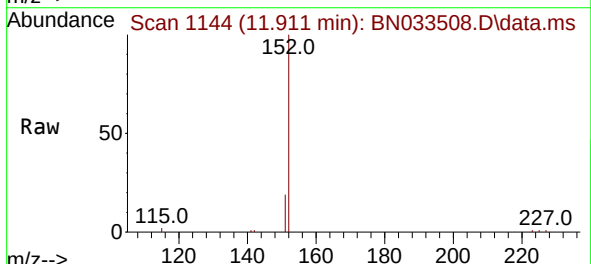
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BNA_N
ClientSampleId :
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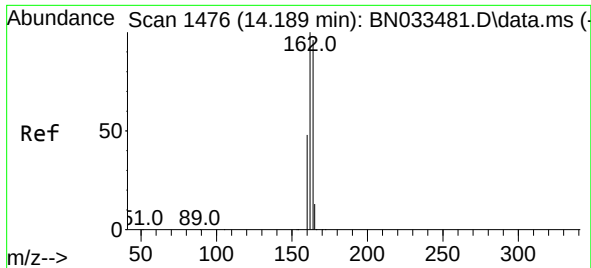
Tgt Ion: 82 Resp: 5491
Ion Ratio Lower Upper
82 100
128 36.9 36.0 54.0
54 58.9 42.0 63.0



#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 11.911 min Scan# 1144
Delta R.T. -0.004 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

Tgt Ion: 152 Resp: 9369
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0

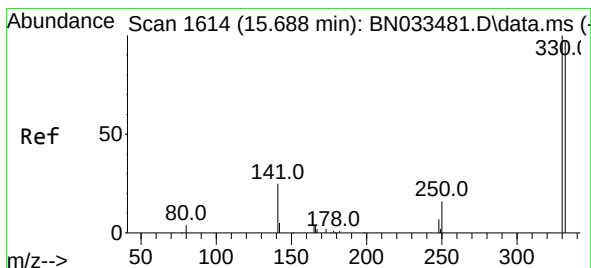
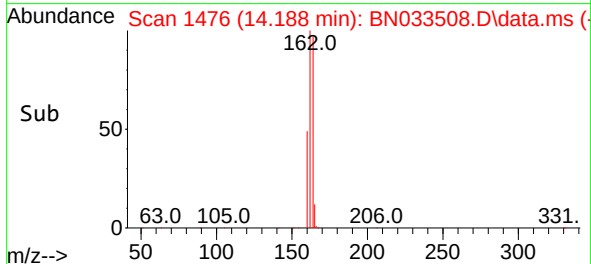
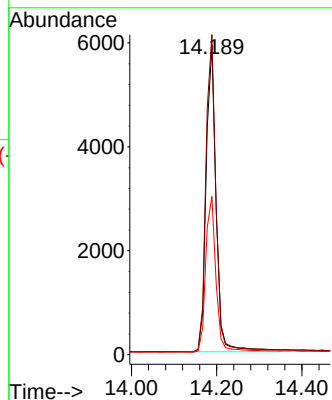
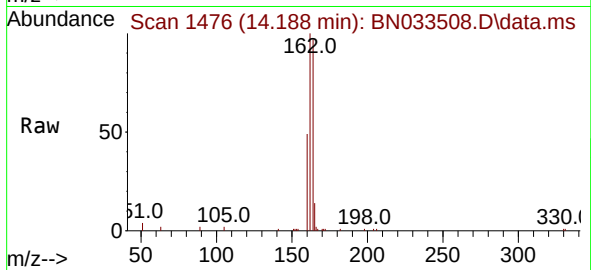




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.188 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

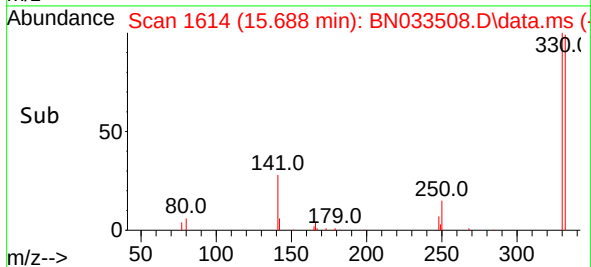
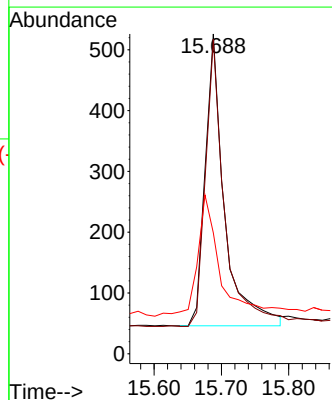
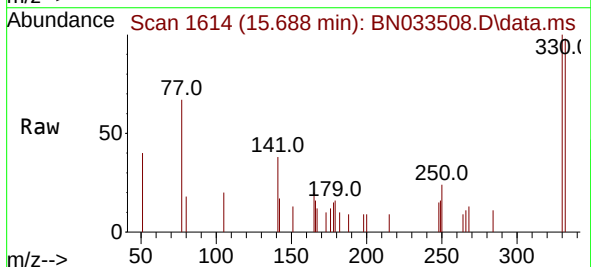
Instrument :
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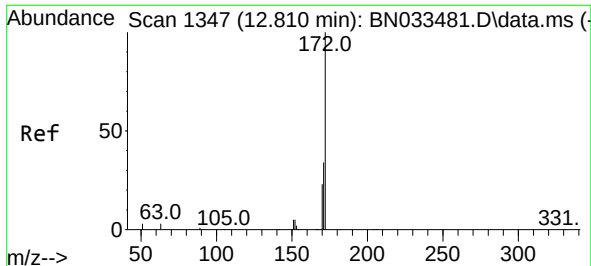
Tgt Ion:164 Resp: 9670
Ion Ratio Lower Upper
164 100
162 103.4 83.5 125.3
160 51.1 40.2 60.4



#14
2,4,6-Tribromophenol
Concen: 0.184 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

Tgt Ion:330 Resp: 958
Ion Ratio Lower Upper
330 100
332 97.7 77.5 116.3
141 44.4 33.9 50.9

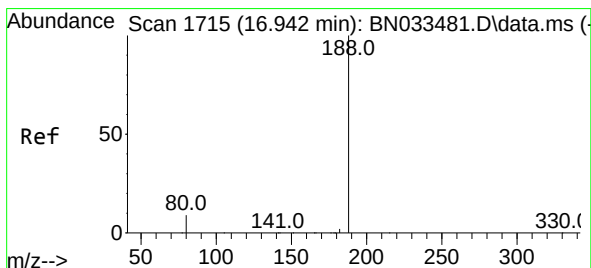
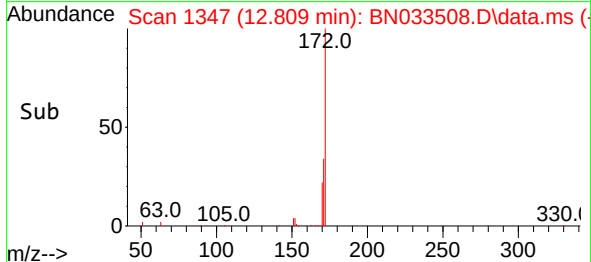
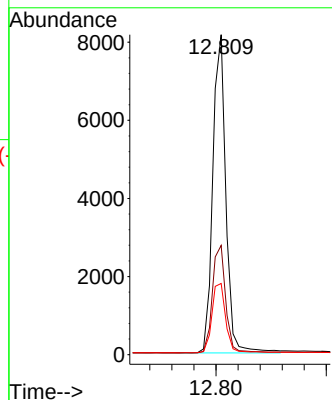
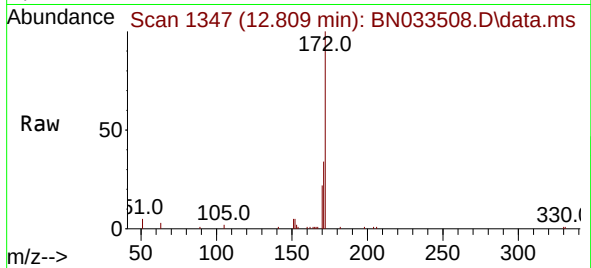




#15
2-Fluorobiphenyl
Concen: 0.340 ng
RT: 12.809 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

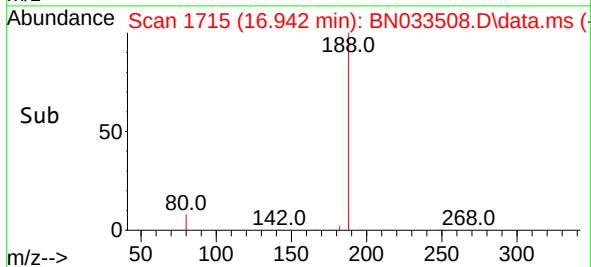
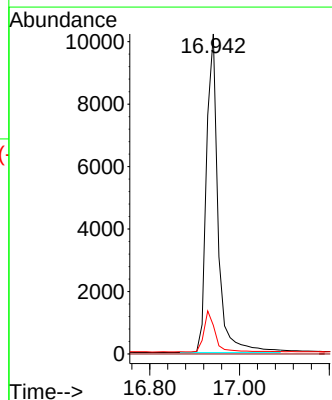
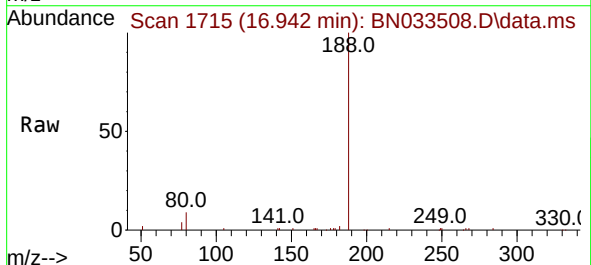
Instrument :
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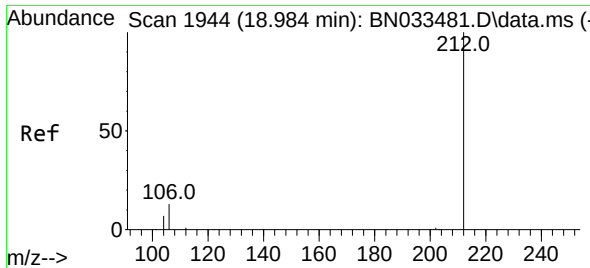
Tgt Ion:172 Resp: 13438
Ion Ratio Lower Upper
172 100
171 34.1 27.7 41.5
170 22.2 18.3 27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.942 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

Tgt Ion:188 Resp: 18285
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 7.8 11.8

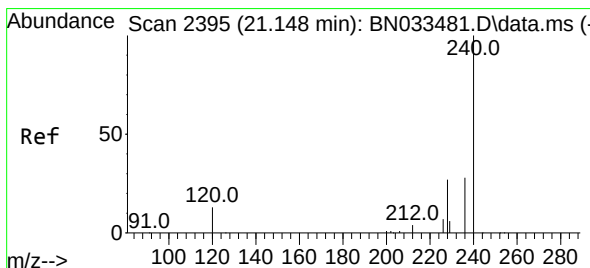
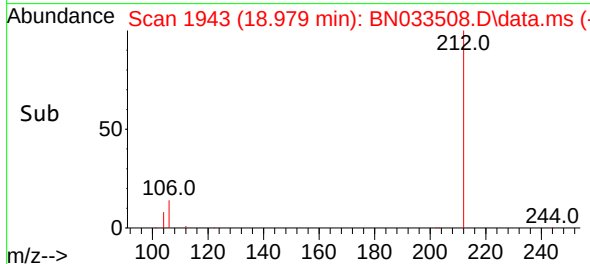
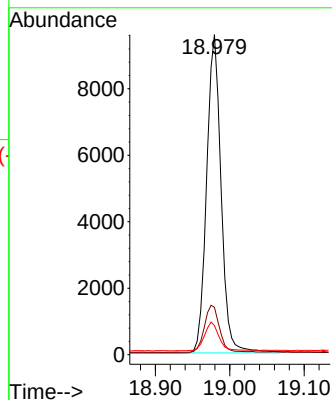
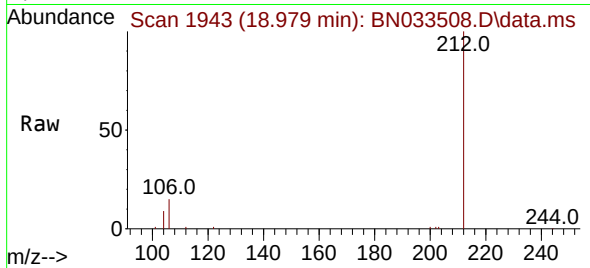




#27
Fluoranthene-d10
Concen: 0.295 ng
RT: 18.979 min Scan# 1943
Delta R.T. -0.005 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

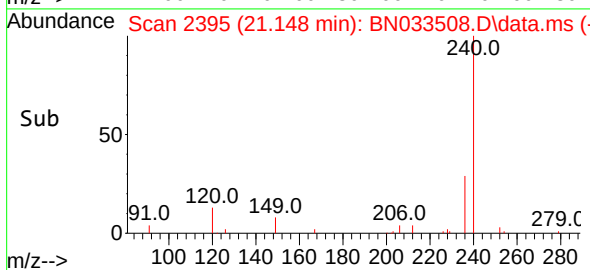
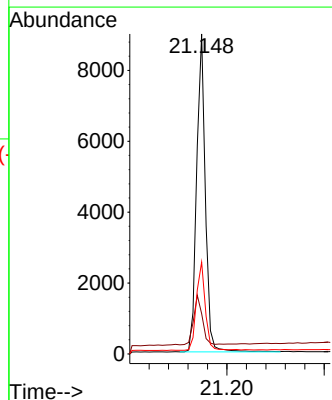
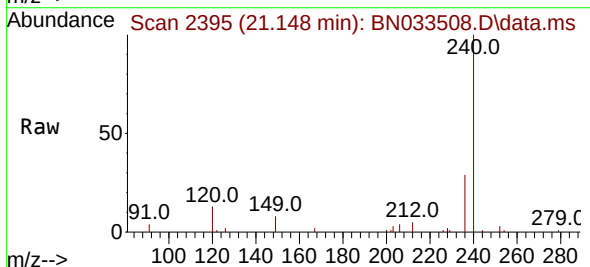
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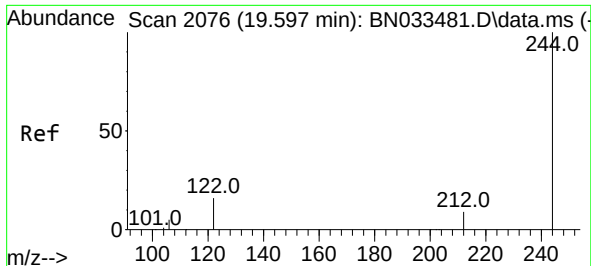
Tgt Ion:	212	Resp:	12947
Ion Ratio	Lower	Upper	
212	100		
106	15.4	12.3	18.5
104	9.0	7.0	10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

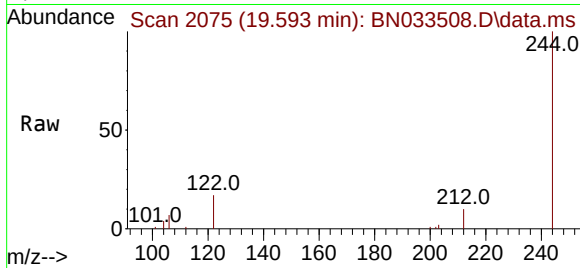
Tgt Ion:	240	Resp:	11101
Ion Ratio	Lower	Upper	
240	100		
120	12.6	12.4	18.6
236	28.7	23.0	34.6



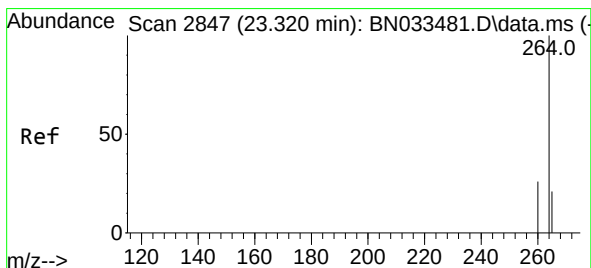
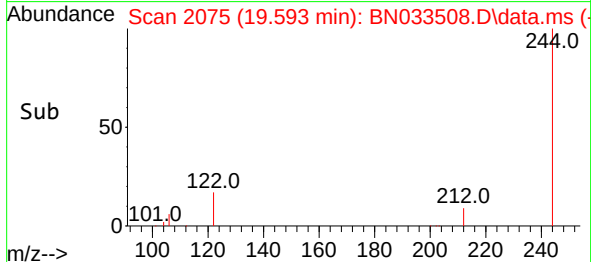
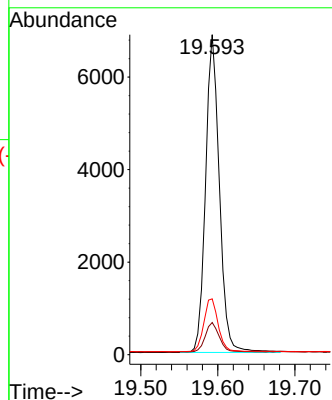


#31
Terphenyl-d14
Concen: 0.339 ng
RT: 19.593 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

Instrument :
BNA_N
ClientSampleId :
PB162787BL



Tgt Ion:244 Resp: 8561
Ion Ratio Lower Upper
244 100
212 10.0 7.8 11.6
122 17.5 13.3 19.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.317 min Scan# 2846
Delta R.T. -0.003 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

Tgt Ion:264 Resp: 11428
Ion Ratio Lower Upper
264 100
260 26.7 20.8 31.2
265 76.0 52.2 78.2

