

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027206.D
 Acq On : 28 Aug 2023 01:33
 Operator : MA/JU
 Sample : 04024-15 5X
 Misc :
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20230815

Quant Time: Aug 28 02:13:54 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)

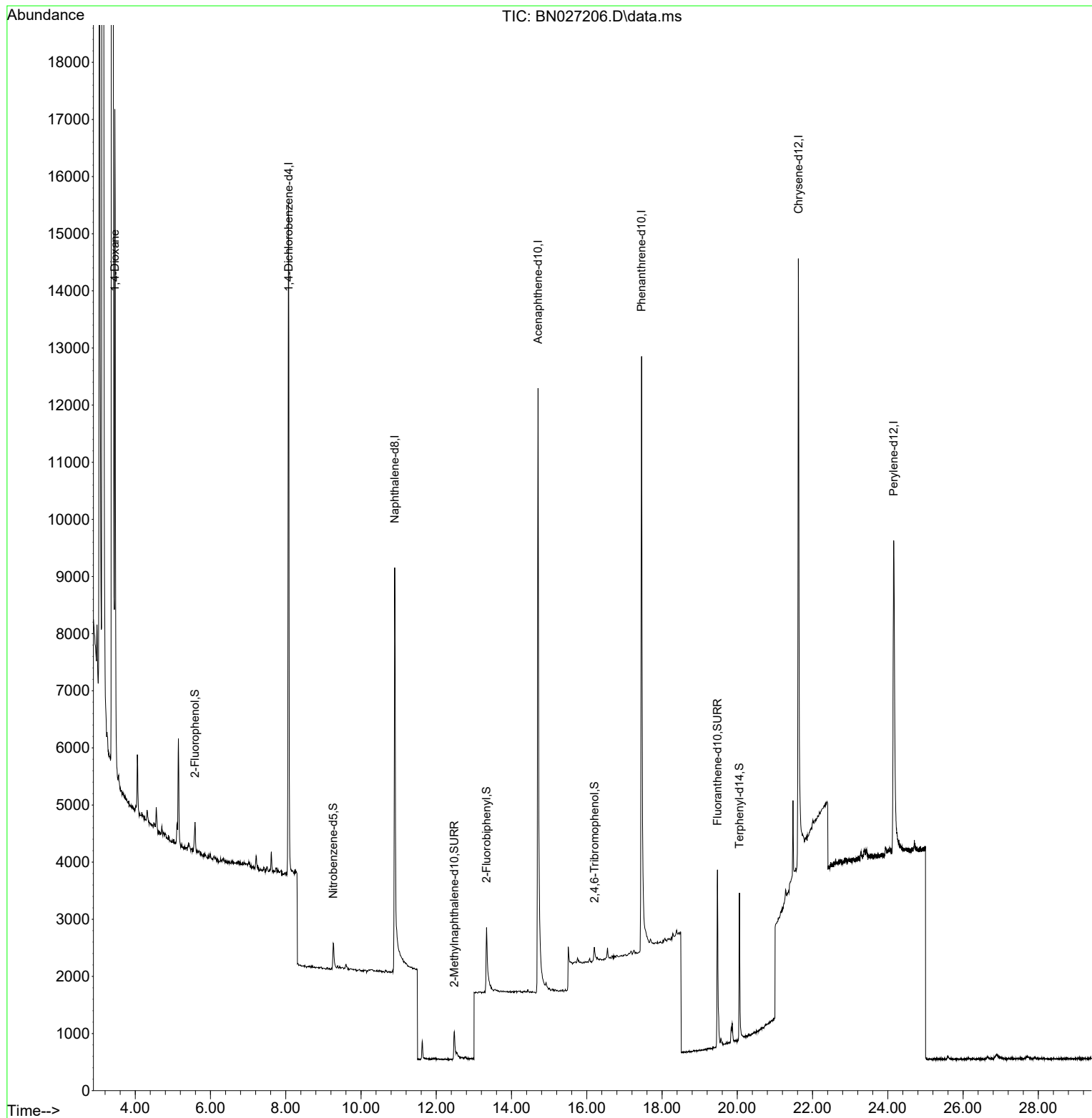
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	5810	0.400	ng	-0.01
7) Naphthalene-d8	10.895	136	12612	0.400	ng	#-0.01
13) Acenaphthene-d10	14.705	164	8498	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	19344	0.400	ng	# 0.00
29) Chrysene-d12	21.623	240	13543	0.400	ng	# 0.00
35) Perylene-d12	24.156	264	11361	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	412	0.025	ng	-0.01
5) Phenol-d6	7.214	99	263	0.013	ng	0.00
8) Nitrobenzene-d5	9.262	82	540	0.051	ng	-0.01
11) 2-Methylnaphthalene-d10	12.479	152	1182	0.059	ng	0.00
14) 2,4,6-Tribromophenol	16.202	330	195	0.043	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	1725	0.055	ng	0.00
27) Fluoranthene-d10	19.472	212	4216	0.085	ng	0.00
31) Terphenyl-d14	20.057	244	3120	0.110	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	7605	1.217	ng	Qvalue # 96

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

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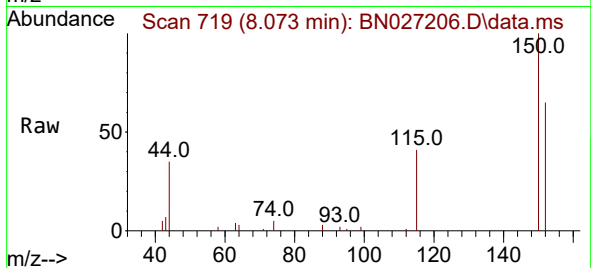
Quant Time: Aug 28 02:13:54 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



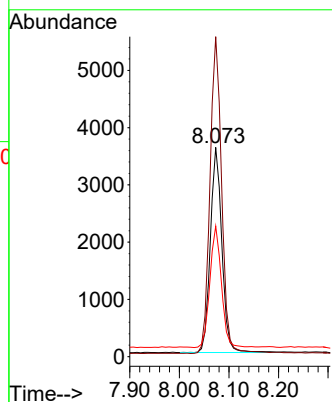
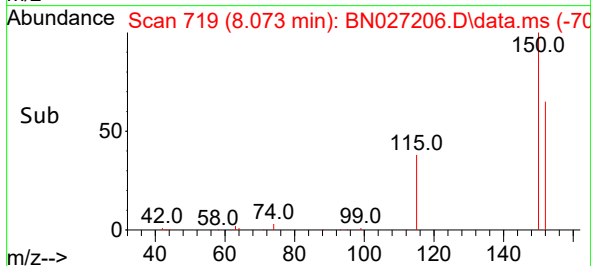


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.073 min Scan# 71
 Delta R.T. -0.015 min
 Lab File: BN027206.D
 Acq: 28 Aug 2023 01:33

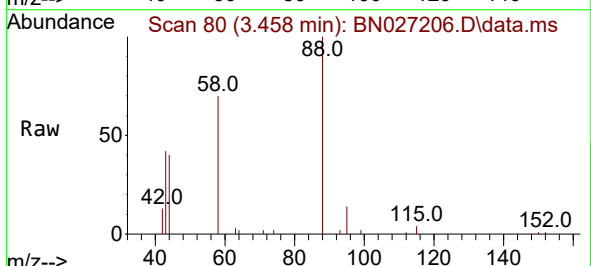
Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20230815



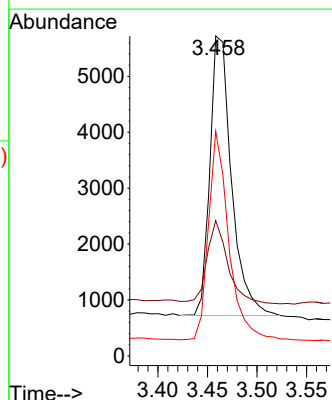
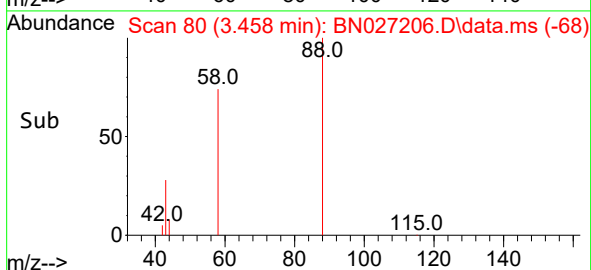
Tgt Ion:152 Resp: 5810
 Ion Ratio Lower Upper
 152 100
 150 153.0 123.8 185.6
 115 62.4 49.7 74.5



#2
 1,4-Dioxane
 Concen: 1.217 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.014 min
 Lab File: BN027206.D
 Acq: 28 Aug 2023 01:33



Tgt Ion: 88 Resp: 7605
 Ion Ratio Lower Upper
 88 100
 43 28.9 19.2 28.8#
 58 69.6 54.5 81.7

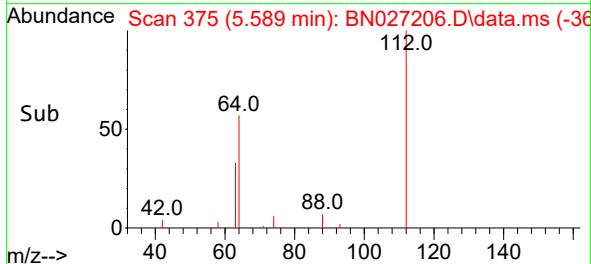
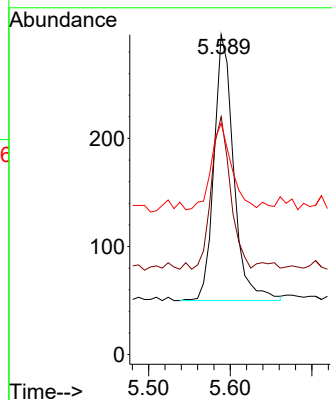
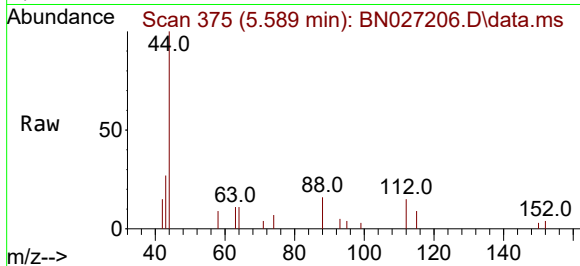




#4
2-Fluorophenol
Concen: 0.025 ng
RT: 5.589 min Scan# 31
Delta R.T. -0.014 min
Lab File: BN027206.D
Acq: 28 Aug 2023 01:33

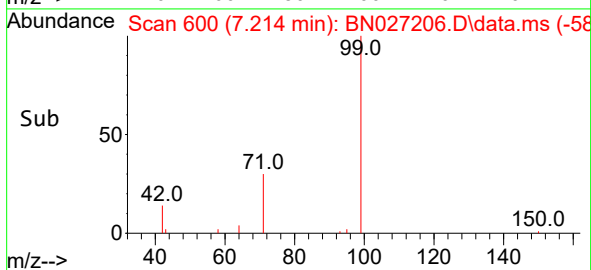
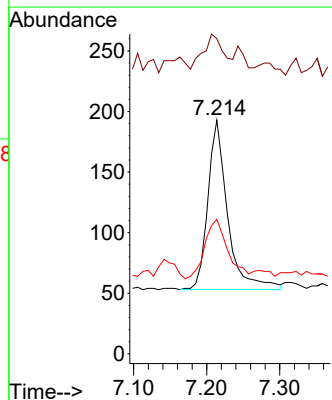
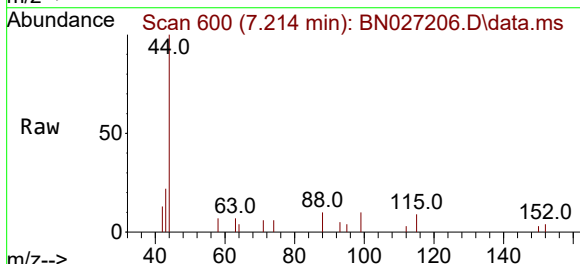
Instrument :
BNA_N
ClientSampleId :
RE103D1-20230815

Tgt Ion:112 Resp: 412
Ion Ratio Lower Upper
112 100
64 56.3 41.5 62.3
63 34.5 21.7 32.5#



#5
Phenol-d6
Concen: 0.013 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027206.D
Acq: 28 Aug 2023 01:33

Tgt Ion: 99 Resp: 263
Ion Ratio Lower Upper
99 100
42 24.3 13.6 20.4#
71 40.7 26.0 39.0#

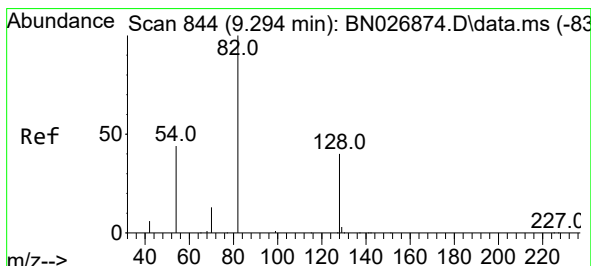
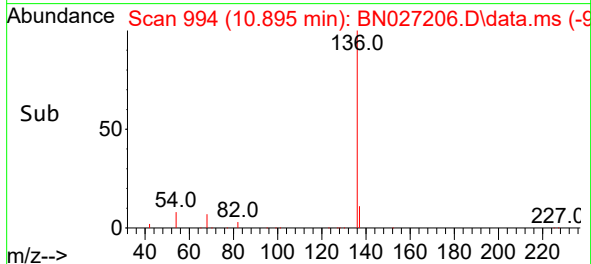
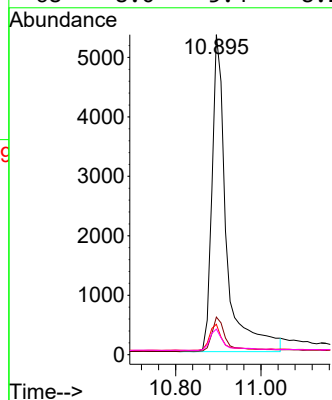
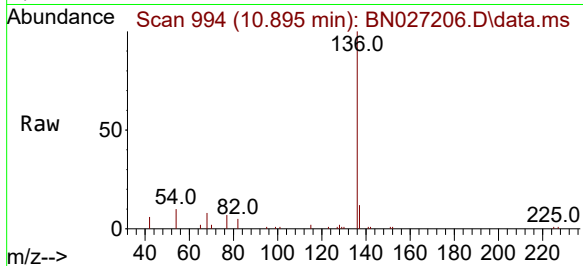




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 998
Delta R.T. -0.011 min
Lab File: BN027206.D
Acq: 28 Aug 2023 01:33

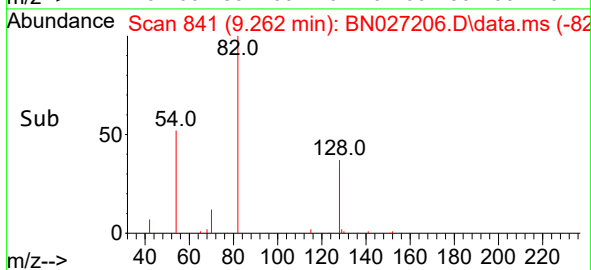
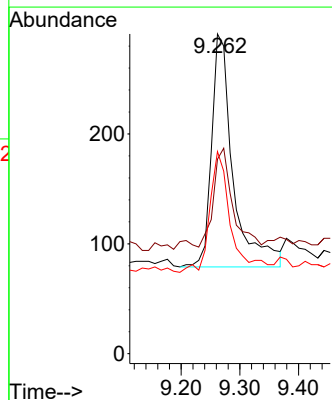
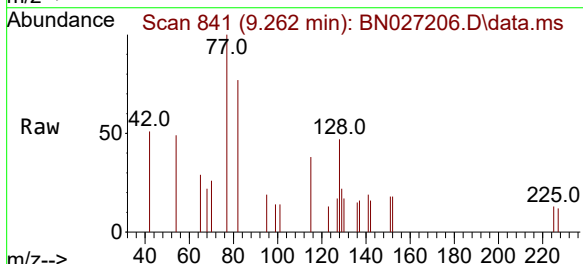
Instrument :
BNA_N
ClientSampleId :
RE103D1-20230815

Tgt Ion:	136	Resp:	12612
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.0	13.6
54	9.5	5.5	8.3#
68	8.0	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.051 ng
RT: 9.262 min Scan# 841
Delta R.T. -0.011 min
Lab File: BN027206.D
Acq: 28 Aug 2023 01:33

Tgt Ion:	82	Resp:	540
Ion Ratio	Lower	Upper	
82	100		
128	60.8	34.1	51.1#
54	63.2	37.0	55.4#

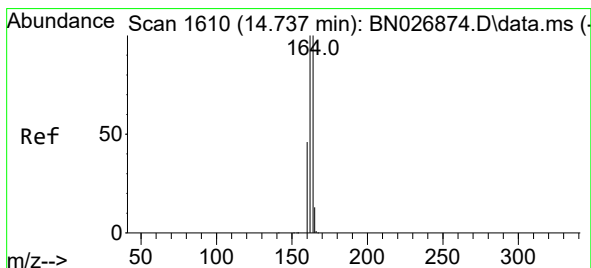
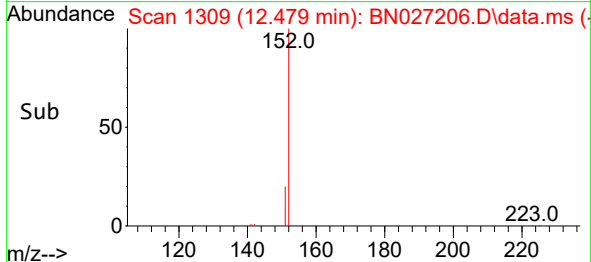
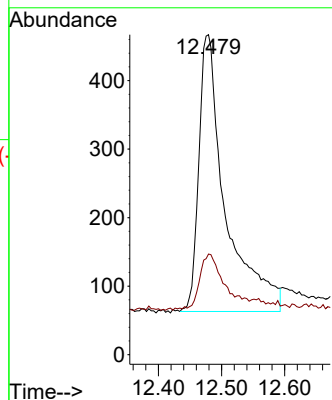
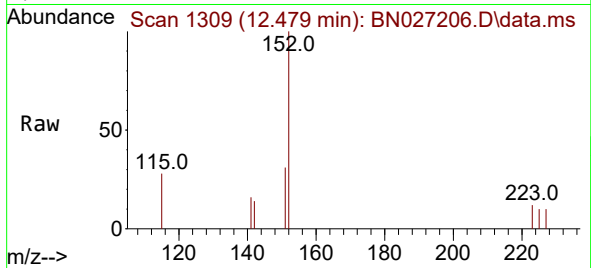




#11
2-Methylnaphthalene-d10
Concen: 0.059 ng
RT: 12.479 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027206.D
Acq: 28 Aug 2023 01:33

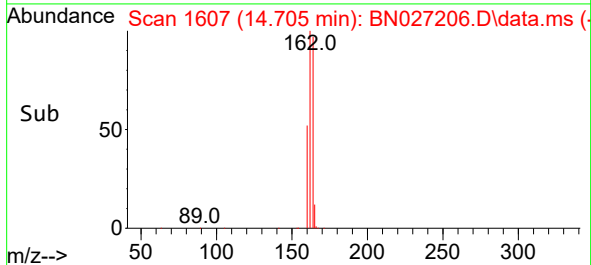
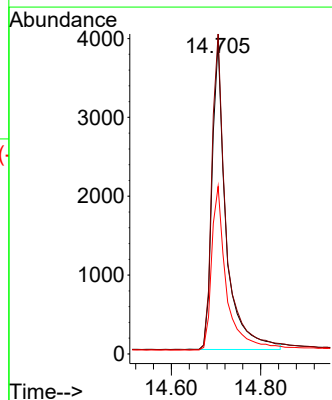
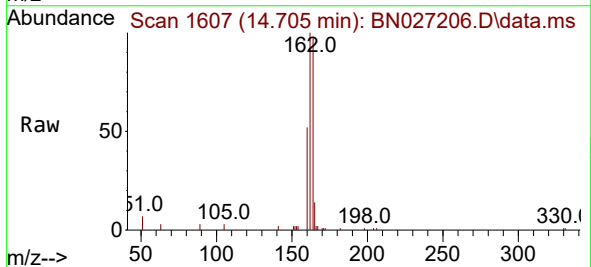
Instrument :
BNA_N
ClientSampleId :
RE103D1-20230815

Tgt Ion:152 Resp: 1182
Ion Ratio Lower Upper
152 100
151 19.3 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: BN027206.D
Acq: 28 Aug 2023 01:33

Tgt Ion:164 Resp: 8498
Ion Ratio Lower Upper
164 100
162 102.5 79.7 119.5
160 53.7 37.4 56.0

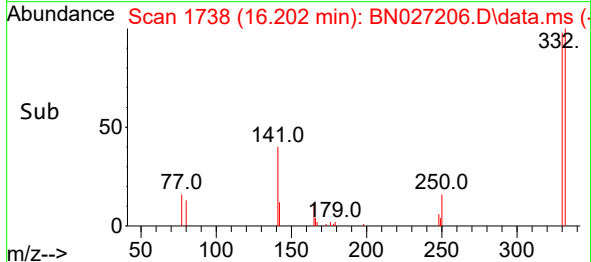
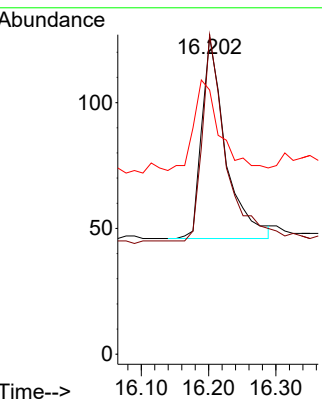
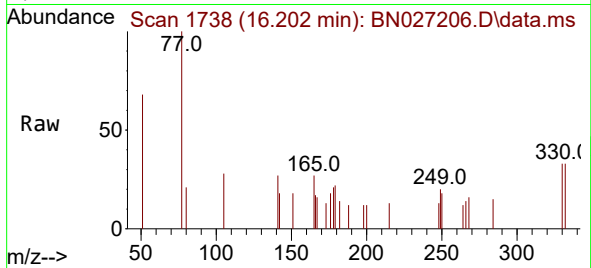




#14
2,4,6-Tribromophenol
Concen: 0.043 ng
RT: 16.202 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027206.D
Acq: 28 Aug 2023 01:33

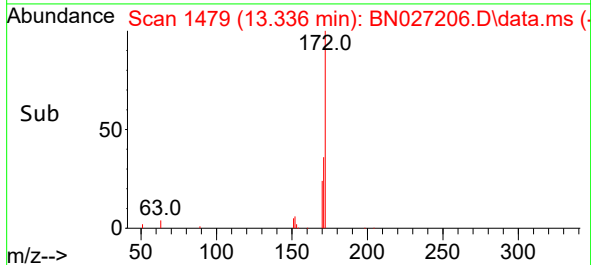
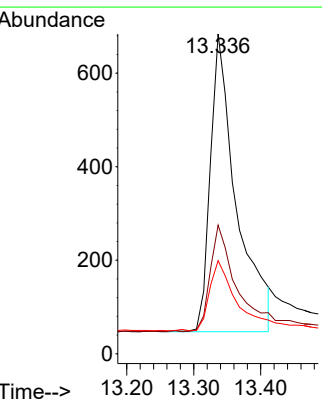
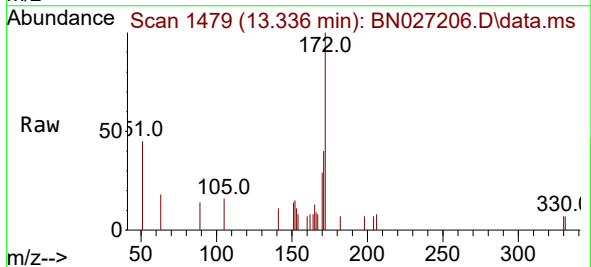
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ClientSampleId :
RE103D1-20230815

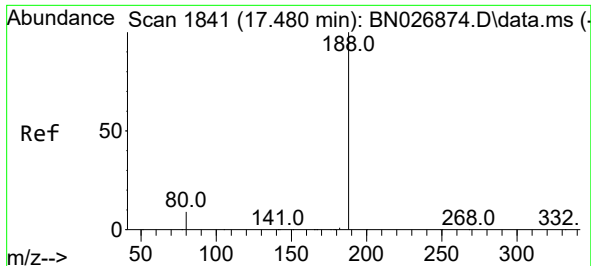
Tgt Ion:330 Resp: 195
Ion Ratio Lower Upper
330 100
332 101.0 76.6 114.8
141 49.2 32.3 48.5#



#15
2-Fluorobiphenyl
Concen: 0.055 ng
RT: 13.336 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BN027206.D
Acq: 28 Aug 2023 01:33

Tgt Ion:172 Resp: 1725
Ion Ratio Lower Upper
172 100
171 40.2 27.4 41.0
170 29.1 18.0 27.0#

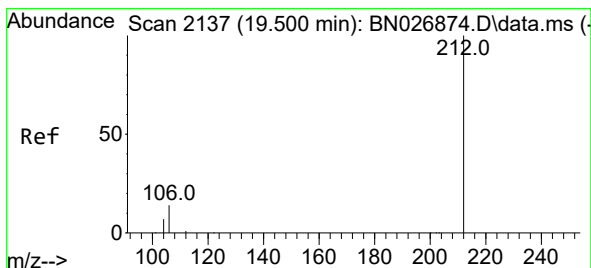
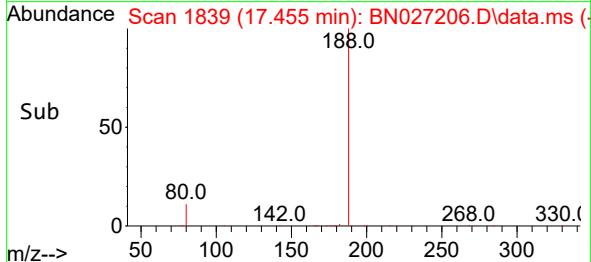
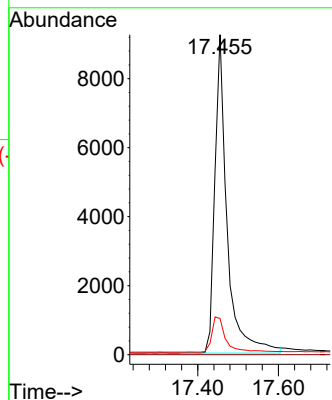
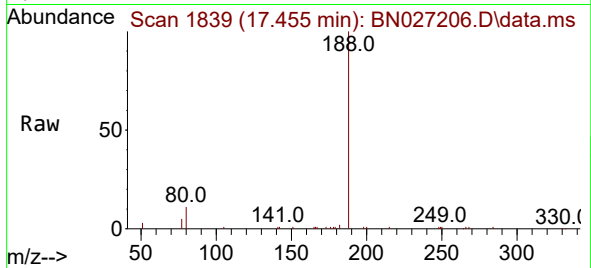




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN027206.D
Acq: 28 Aug 2023 01:33

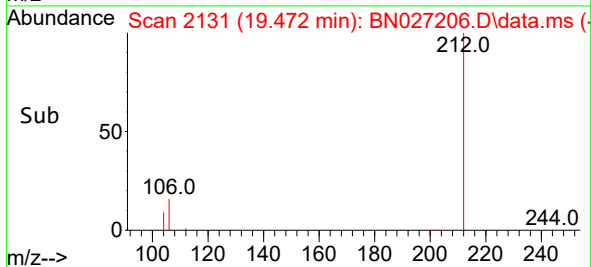
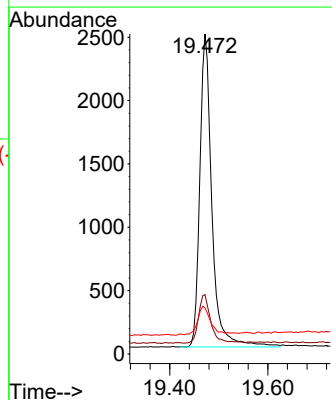
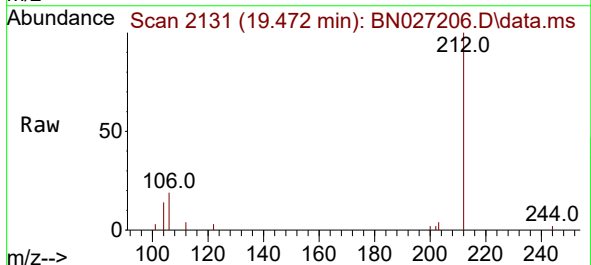
Instrument :
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ClientSampleId :
RE103D1-20230815

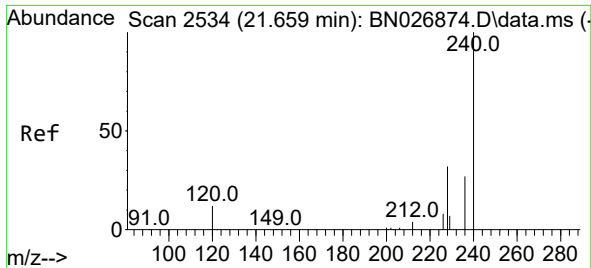
Tgt Ion:188 Resp: 19344
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 7.4 11.2#



#27
Fluoranthene-d10
Concen: 0.085 ng
RT: 19.472 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BN027206.D
Acq: 28 Aug 2023 01:33

Tgt Ion:212 Resp: 4216
Ion Ratio Lower Upper
212 100
106 15.6 10.9 16.3
104 9.5 5.9 8.9#

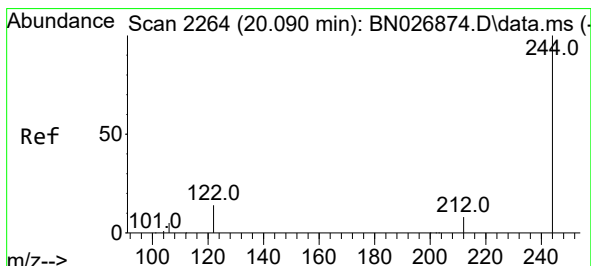
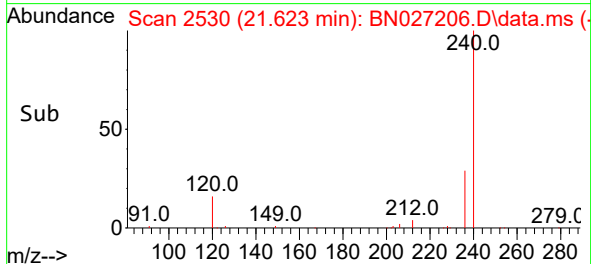
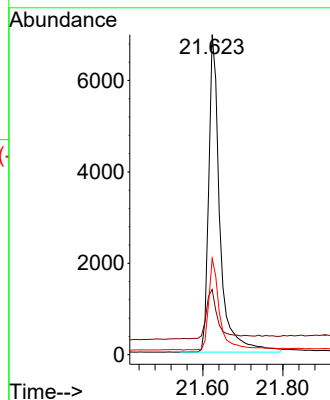
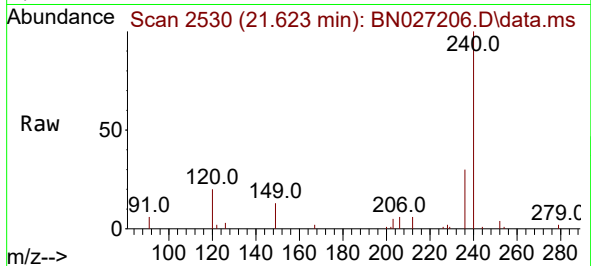




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN027206.D
Acq: 28 Aug 2023 01:33

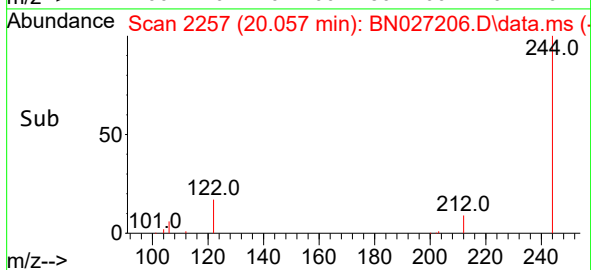
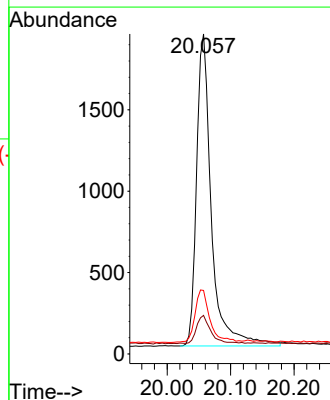
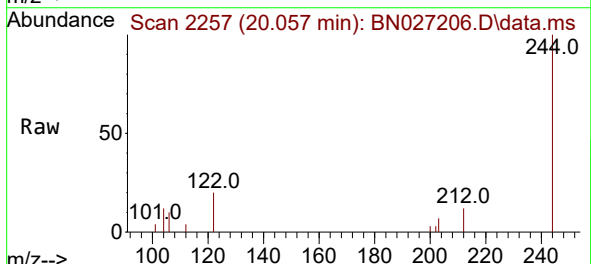
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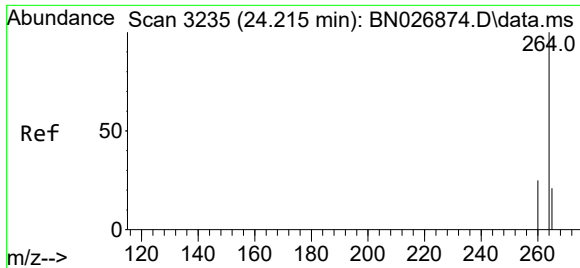
Tgt Ion:240 Resp: 13543
Ion Ratio Lower Upper
240 100
120 20.4 11.1 16.7#
236 30.1 22.2 33.2



#31
Terphenyl-d14
Concen: 0.110 ng
RT: 20.057 min Scan# 2257
Delta R.T. -0.005 min
Lab File: BN027206.D
Acq: 28 Aug 2023 01:33

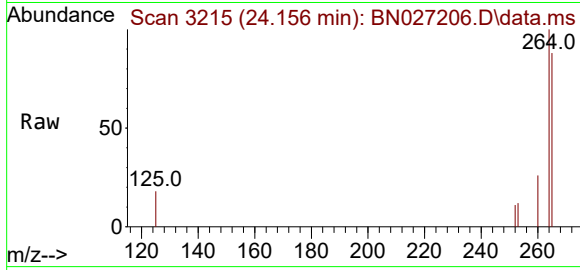
Tgt Ion:244 Resp: 3120
Ion Ratio Lower Upper
244 100
212 12.1 6.9 10.3#
122 19.8 11.9 17.9#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.156 min Scan# 31
 Delta R.T. -0.015 min
 Lab File: BN027206.D
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Tgt Ion:264 Resp: 11361
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.4 30.6
 265 87.8 27.0 40.6#

