

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027191.D
 Acq On : 27 Aug 2023 15:12
 Operator : MA/JU
 Sample : 04077-05
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20230817

Quant Time: Aug 28 00:44:23 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)

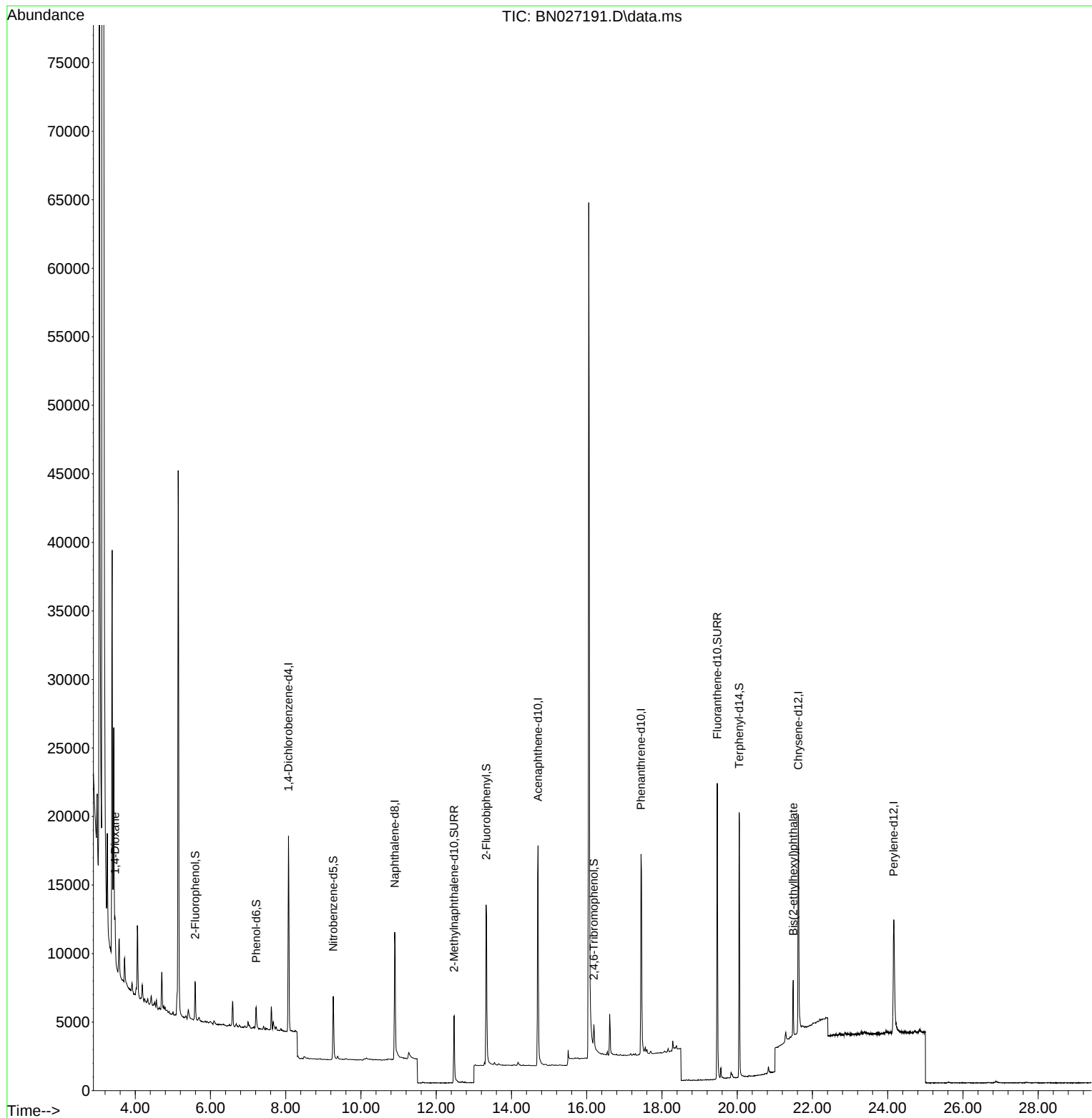
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	7021	0.400	ng	-0.01
7) Naphthalene-d8	10.895	136	14988	0.400	ng	#-0.01
13) Acenaphthene-d10	14.705	164	10620	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	24666	0.400	ng	#-0.01
29) Chrysene-d12	21.623	240	18240	0.400	ng	# 0.00
35) Perylene-d12	24.159	264	15502	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2368	0.120	ng	0.00
5) Phenol-d6	7.214	99	1664	0.068	ng	0.00
8) Nitrobenzene-d5	9.262	82	4057	0.320	ng	-0.01
11) 2-Methylnaphthalene-d10	12.472	152	7690	0.323	ng	-0.01
14) 2,4,6-Tribromophenol	16.189	330	1050	0.186	ng	-0.01
15) 2-Fluorobiphenyl	13.326	172	12401	0.315	ng	-0.01
27) Fluoranthene-d10	19.467	212	23848	0.377	ng	0.00
31) Terphenyl-d14	20.053	244	18958	0.497	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.466	88	2072	0.274	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.489	149	4181	0.088	ng	# 97

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

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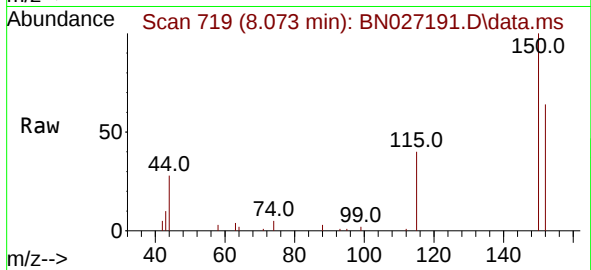
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



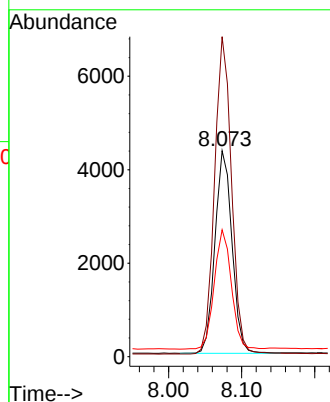
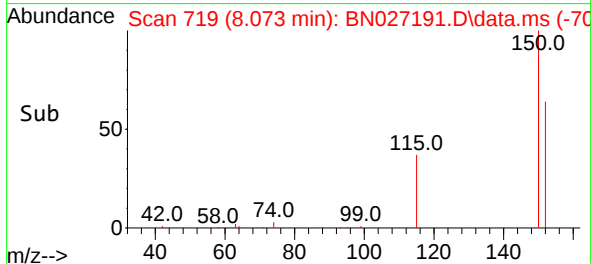


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.073 min Scan# 71
Delta R.T. -0.015 min
Lab File: BN027191.D
Acq: 27 Aug 2023 15:12

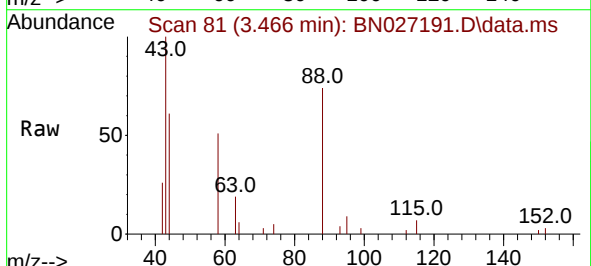
Instrument :
BNA_N
ClientSampleId :
RE135D3-20230817



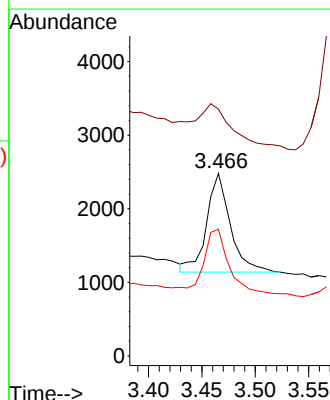
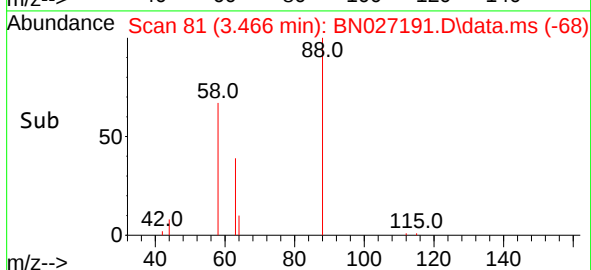
Tgt Ion:152 Resp: 7021
Ion Ratio Lower Upper
152 100
150 155.4 123.8 185.6
115 61.6 49.7 74.5



#2
1,4-Dioxane
Concen: 0.274 ng
RT: 3.466 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN027191.D
Acq: 27 Aug 2023 15:12



Tgt Ion: 88 Resp: 2072
Ion Ratio Lower Upper
88 100
43 55.6 19.2 28.8#
58 66.7 54.5 81.7

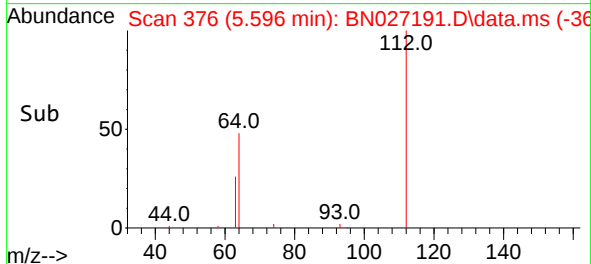
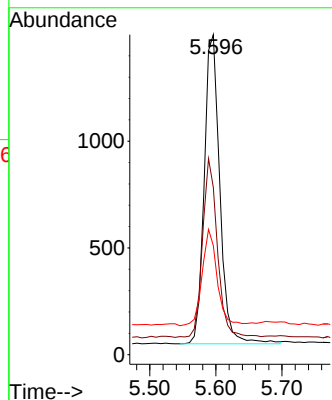
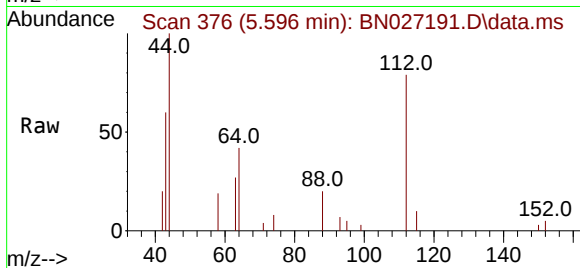




#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.596 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027191.D
Acq: 27 Aug 2023 15:12

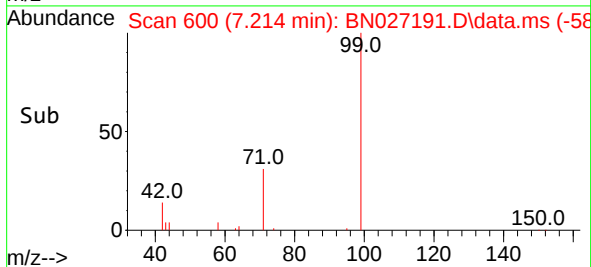
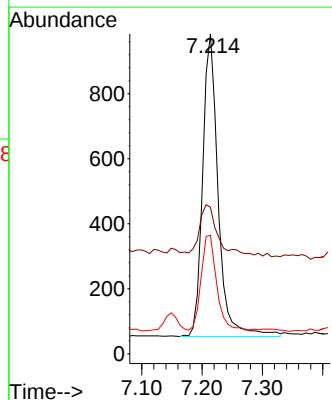
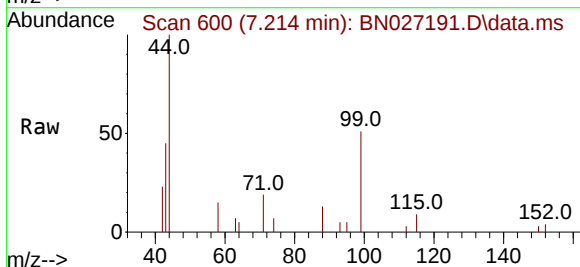
Instrument :
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ClientSampleId :
RE135D3-20230817

Tgt Ion:112 Resp: 2368
Ion Ratio Lower Upper
112 100
64 55.0 41.5 62.3
63 30.0 21.7 32.5



#5
Phenol-d6
Concen: 0.068 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027191.D
Acq: 27 Aug 2023 15:12

Tgt Ion: 99 Resp: 1664
Ion Ratio Lower Upper
99 100
42 21.0 13.6 20.4#
71 30.9 26.0 39.0

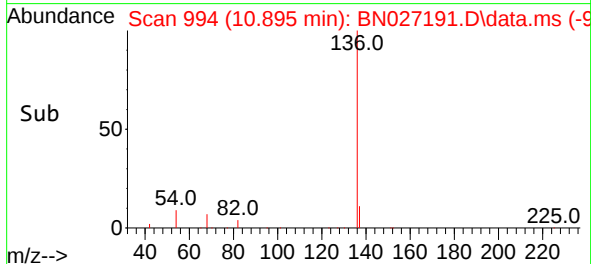
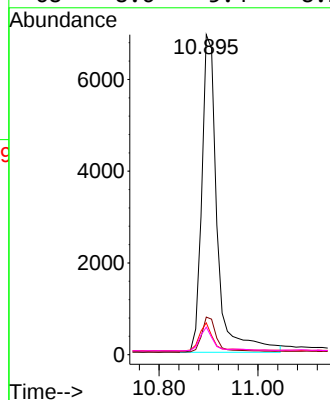
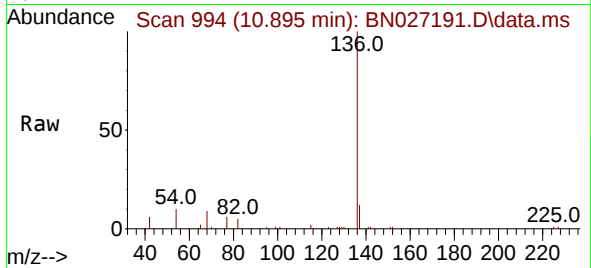




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 998
Delta R.T. -0.011 min
Lab File: BN027191.D
Acq: 27 Aug 2023 15:12

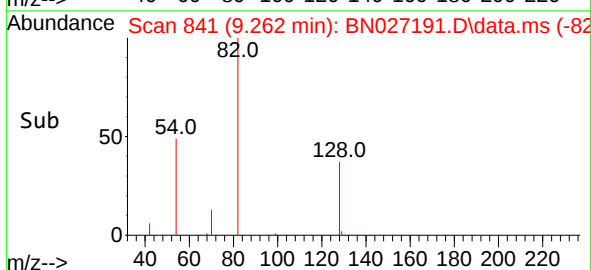
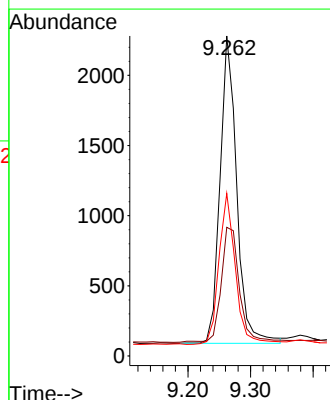
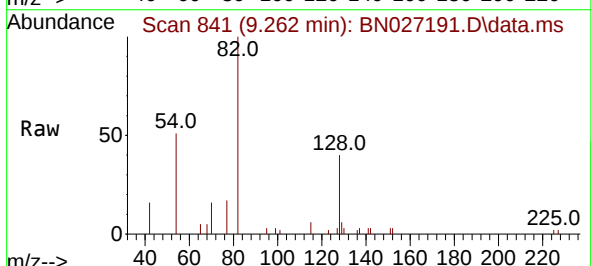
Instrument :
BNA_N
ClientSampleId :
RE135D3-20230817

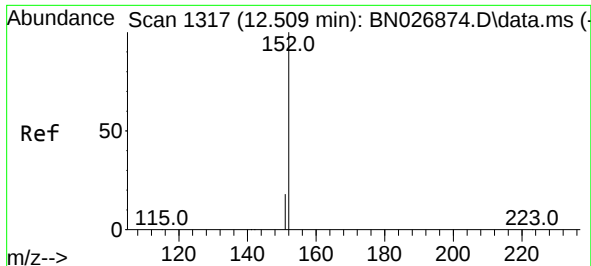
Tgt Ion:136	Resp:	14988
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.0 13.6
54	9.9	5.5 8.3#
68	8.6	5.4 8.2#



#8
Nitrobenzene-d5
Concen: 0.320 ng
RT: 9.262 min Scan# 841
Delta R.T. -0.011 min
Lab File: BN027191.D
Acq: 27 Aug 2023 15:12

Tgt Ion: 82	Resp:	4057
Ion Ratio	Lower	Upper
82	100	
128	40.2	34.1 51.1
54	50.8	37.0 55.4

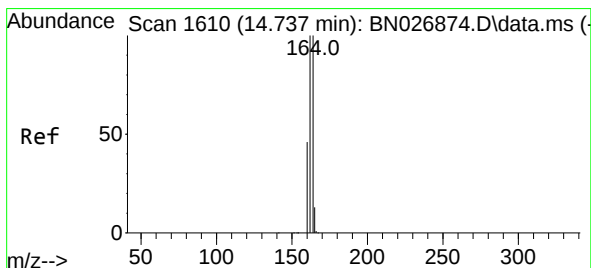
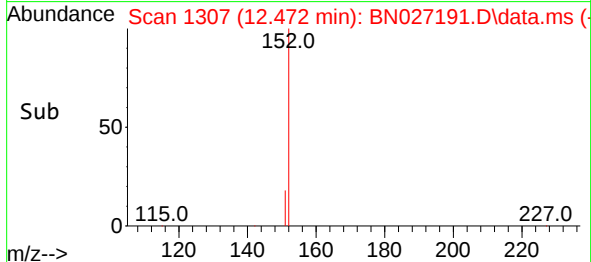
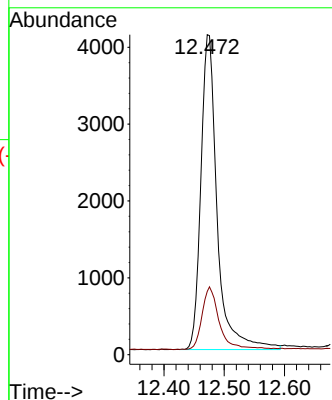
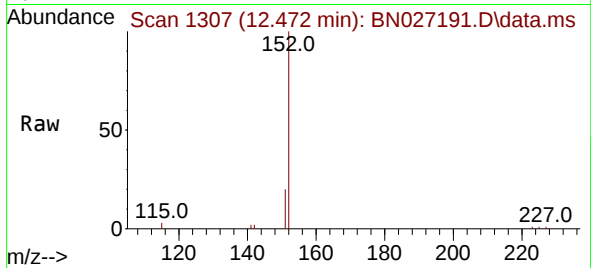




#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 12.472 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN027191.D
Acq: 27 Aug 2023 15:12

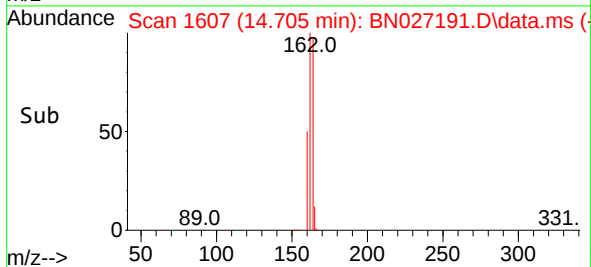
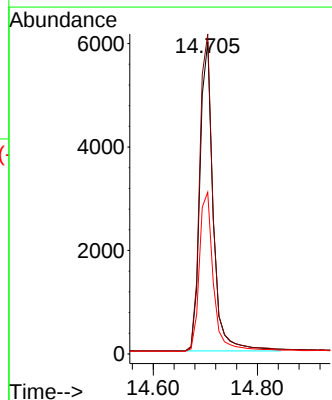
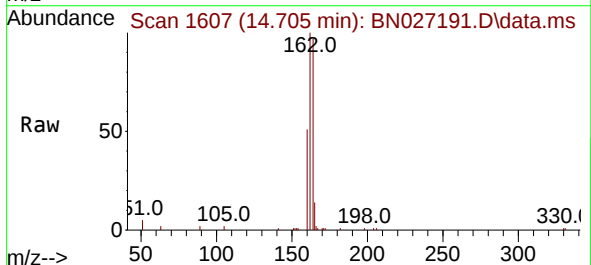
Instrument :
BNA_N
ClientSampleId :
RE135D3-20230817

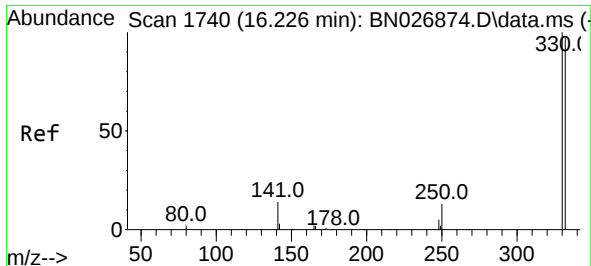
Tgt Ion:152 Resp: 7690
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BN027191.D
Acq: 27 Aug 2023 15:12

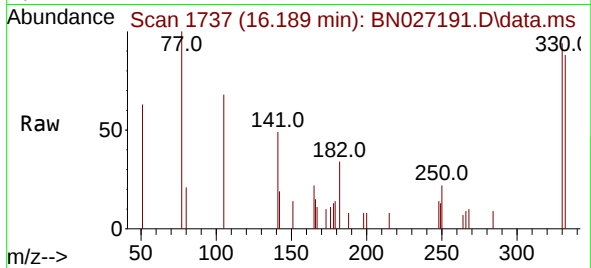
Tgt Ion:164 Resp: 10620
Ion Ratio Lower Upper
164 100
162 102.6 79.7 119.5
160 51.8 37.4 56.0



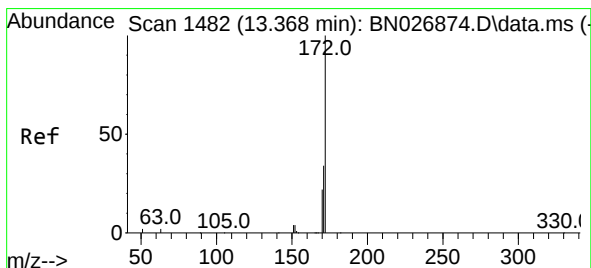
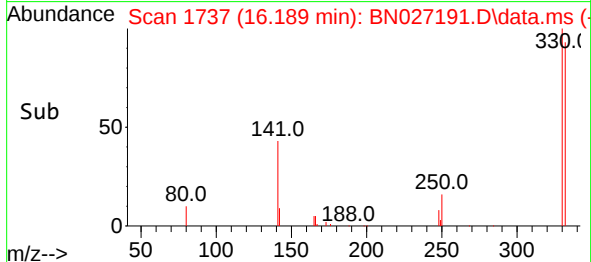
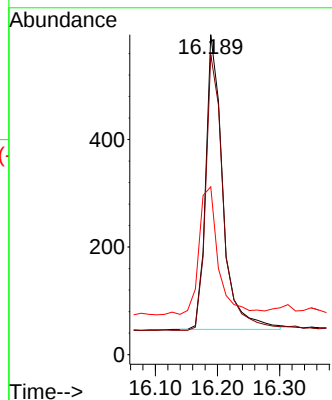


#14
2,4,6-Tribromophenol
Concen: 0.186 ng
RT: 16.189 min Scan# 1737
Delta R.T. -0.012 min
Lab File: BN027191.D
Acq: 27 Aug 2023 15:12

Instrument :
BNA_N
ClientSampleId :
RE135D3-20230817

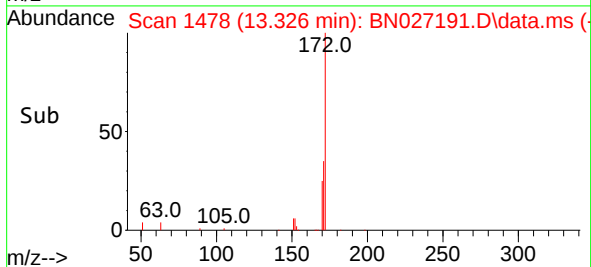
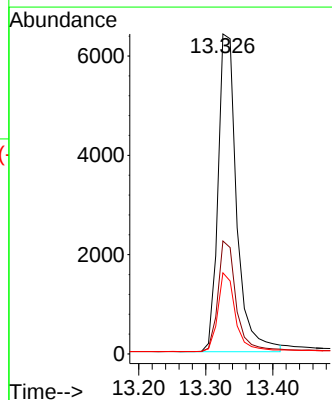
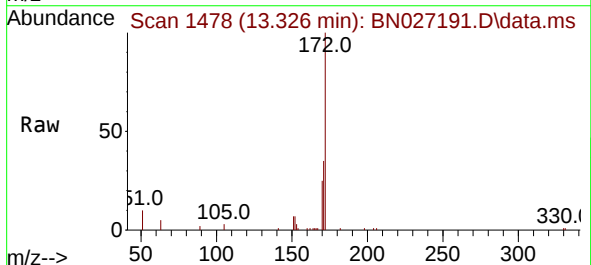


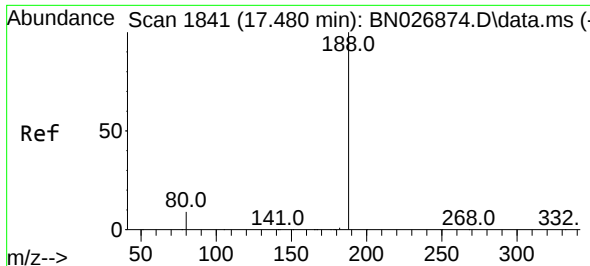
Tgt Ion: 330 Resp: 1050
Ion Ratio Lower Upper
330 100
332 96.6 76.6 114.8
141 48.6 32.3 48.5#



#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 13.326 min Scan# 1478
Delta R.T. -0.011 min
Lab File: BN027191.D
Acq: 27 Aug 2023 15:12

Tgt Ion: 172 Resp: 12401
Ion Ratio Lower Upper
172 100
171 35.3 27.4 41.0
170 25.4 18.0 27.0

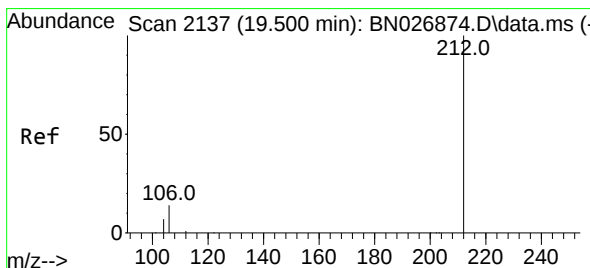
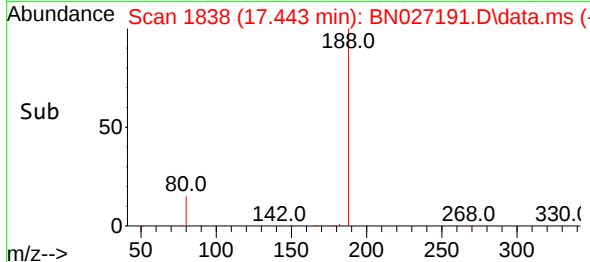
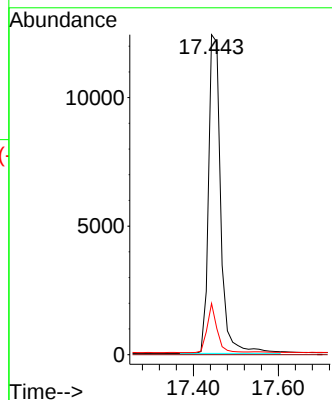
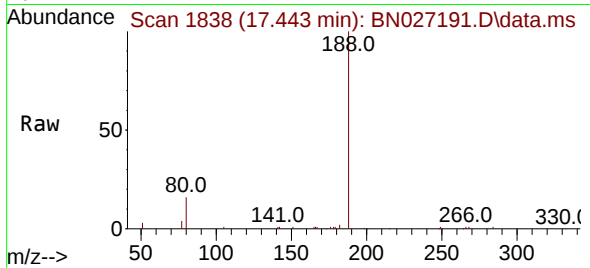




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BN027191.D
Acq: 27 Aug 2023 15:12

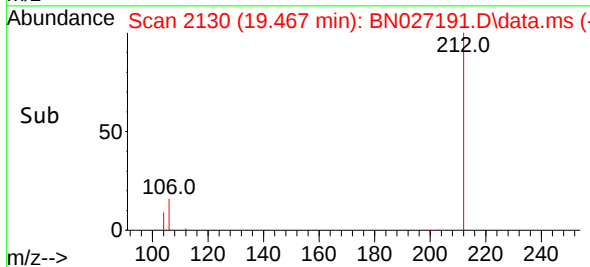
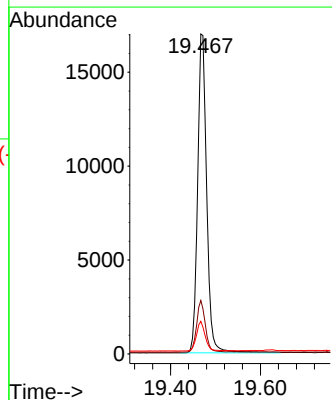
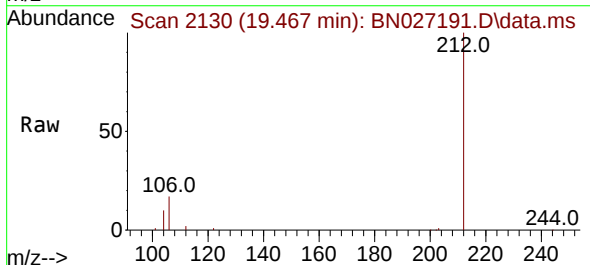
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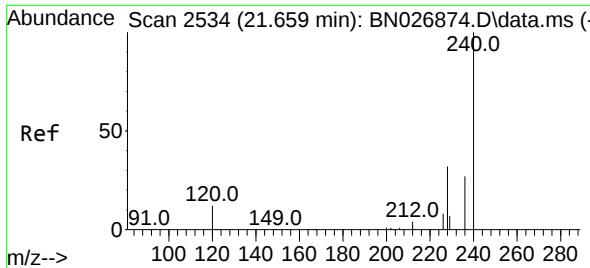
Tgt Ion:188 Resp: 24666
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.0 7.4 11.2#



#27
Fluoranthene-d10
Concen: 0.377 ng
RT: 19.467 min Scan# 2130
Delta R.T. -0.009 min
Lab File: BN027191.D
Acq: 27 Aug 2023 15:12

Tgt Ion:212 Resp: 23848
Ion Ratio Lower Upper
212 100
106 15.5 10.9 16.3
104 9.0 5.9 8.9#

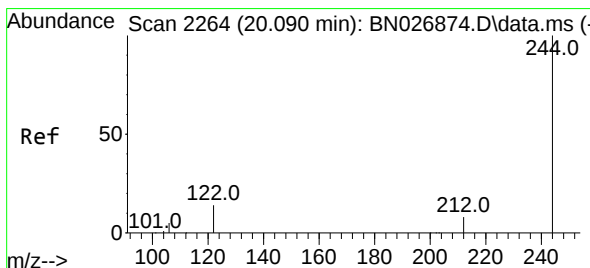
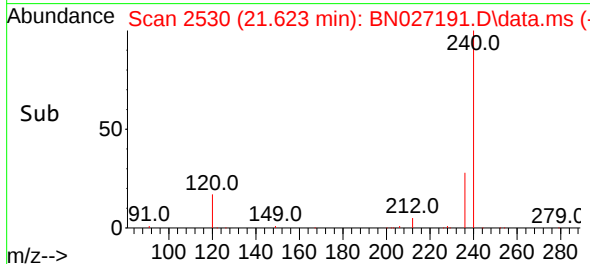
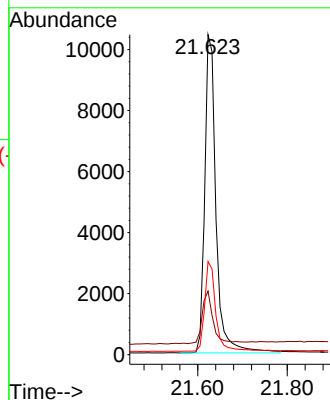
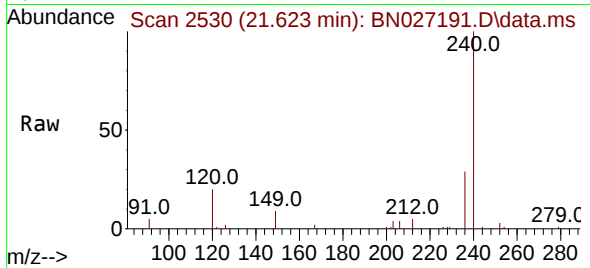




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN027191.D
Acq: 27 Aug 2023 15:12

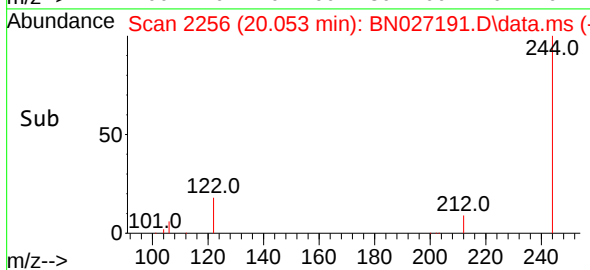
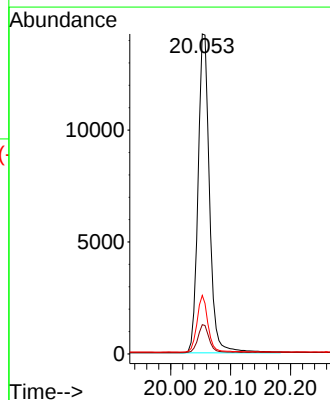
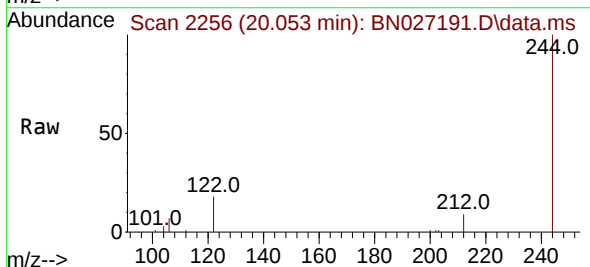
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RE135D3-20230817

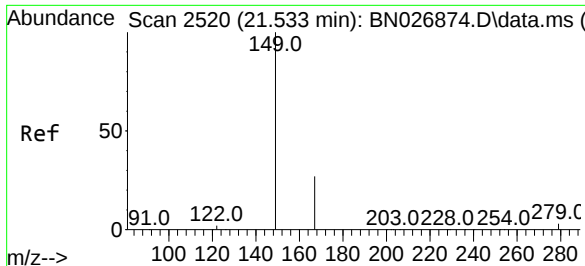
Tgt Ion:240 Resp: 18240
Ion Ratio Lower Upper
240 100
120 19.8 11.1 16.7#
236 29.1 22.2 33.2



#31
Terphenyl-d14
Concen: 0.497 ng
RT: 20.053 min Scan# 2256
Delta R.T. -0.009 min
Lab File: BN027191.D
Acq: 27 Aug 2023 15:12

Tgt Ion:244 Resp: 18958
Ion Ratio Lower Upper
244 100
212 9.2 6.9 10.3
122 18.3 11.9 17.9#

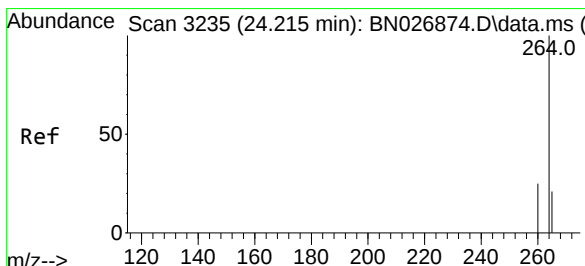
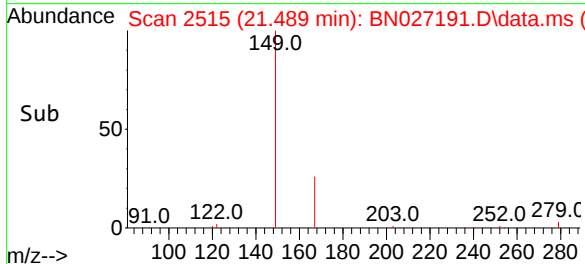
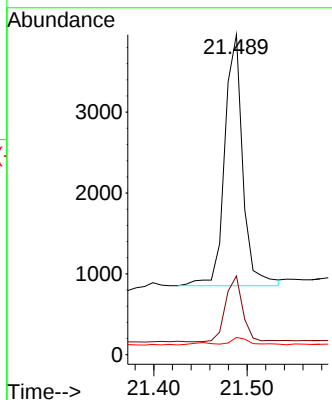
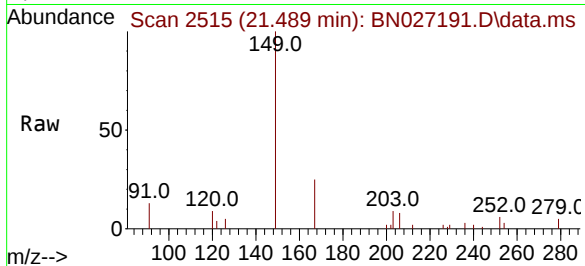




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.088 ng
 RT: 21.489 min Scan# 2155
 Delta R.T. -0.009 min
 Lab File: BN027191.D
 Acq: 27 Aug 2023 15:12

Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20230817

Tgt Ion:149 Resp: 4181
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.4 32.0
 279 3.0 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.159 min Scan# 3216
 Delta R.T. -0.012 min
 Lab File: BN027191.D
 Acq: 27 Aug 2023 15:12

Tgt Ion:264 Resp: 15502
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.4 30.6
 265 64.6 27.0 40.6#

