

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027165.D
 Acq On : 26 Aug 2023 22:06
 Operator : MA/JU
 Sample : 04095-17
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT17411-20230818

Quant Time: Aug 26 23:19:48 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)

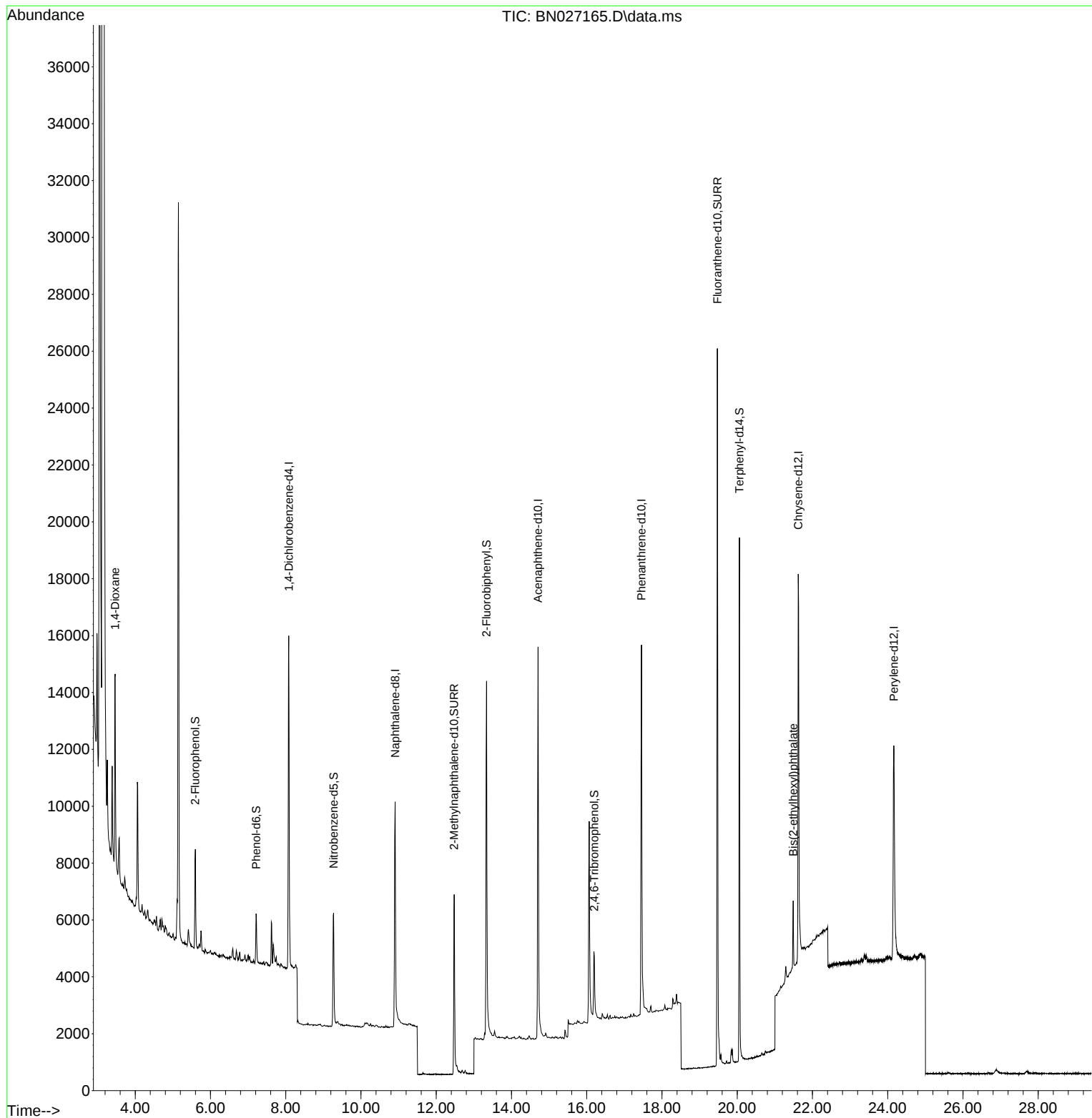
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.080	152	5835	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	13029	0.400	ng	0.00
13) Acenaphthene-d10	14.704	164	8830	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	20608	0.400	ng	0.00
29) Chrysene-d12	21.623	240	15942	0.400	ng	# 0.00
35) Perylene-d12	24.162	264	14287	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2985	0.181	ng	0.00
5) Phenol-d6	7.214	99	1921	0.095	ng	0.00
8) Nitrobenzene-d5	9.272	82	3999	0.363	ng	0.00
11) 2-Methylnaphthalene-d10	12.475	152	10281	0.496	ng	0.00
14) 2,4,6-Tribromophenol	16.201	330	1713	0.365	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	13066	0.399	ng	0.00
27) Fluoranthene-d10	19.472	212	28361	0.537	ng	0.00
31) Terphenyl-d14	20.057	244	17872	0.536	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.465	88	5115	0.815	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.488	149	2593	0.063	ng	# 96

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

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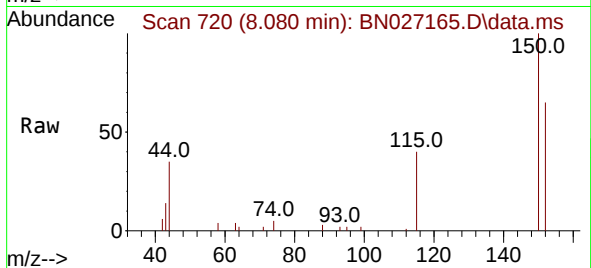
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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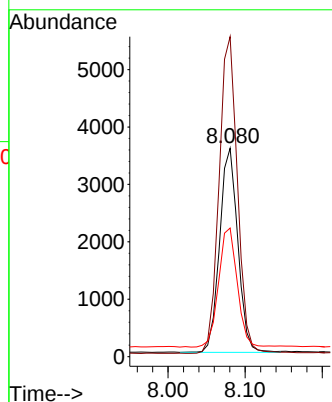
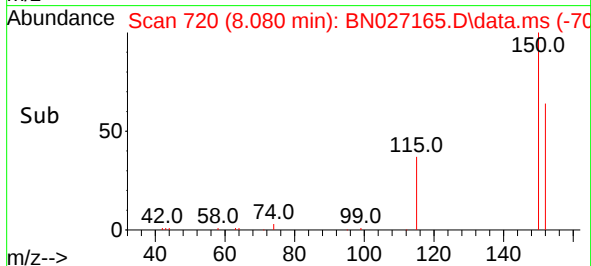


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.080 min Scan# 71
 Delta R.T. -0.008 min
 Lab File: BN027165.D
 Acq: 26 Aug 2023 22:06

Instrument :
 BNA_N
 ClientSampleId :
 TT17411-20230818

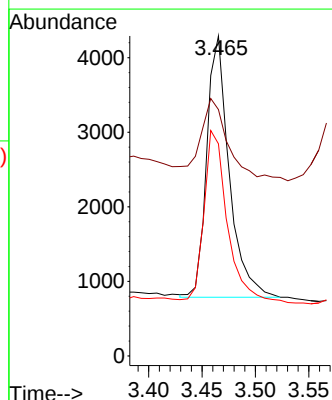
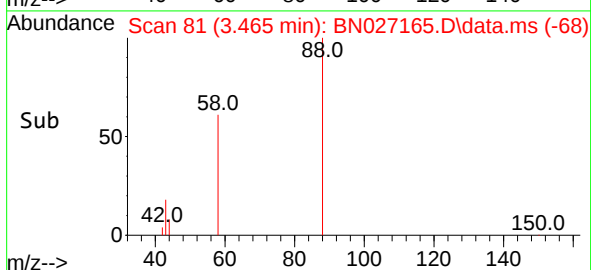
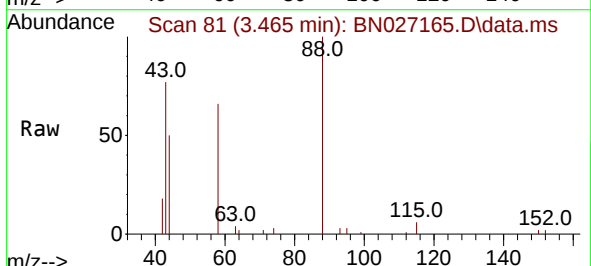


Tgt Ion:152 Resp: 5835
 Ion Ratio Lower Upper
 152 100
 150 153.5 123.8 185.6
 115 61.7 49.7 74.5



#2
 1,4-Dioxane
 Concen: 0.815 ng
 RT: 3.465 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BN027165.D
 Acq: 26 Aug 2023 22:06

Tgt Ion: 88 Resp: 5115
 Ion Ratio Lower Upper
 88 100
 43 35.0 19.2 28.8#
 58 65.6 54.5 81.7

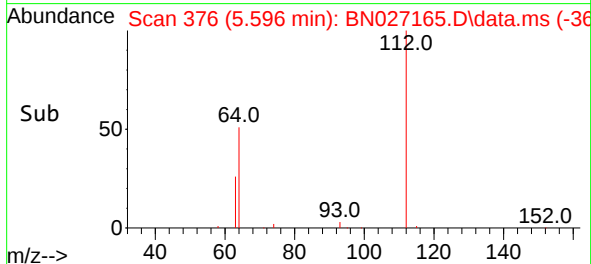
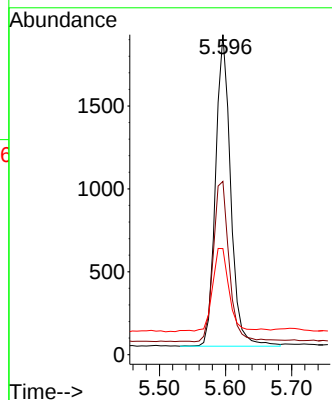
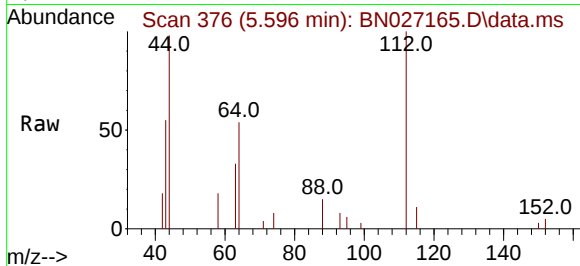




#4
2-Fluorophenol
Concen: 0.181 ng
RT: 5.596 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027165.D
Acq: 26 Aug 2023 22:06

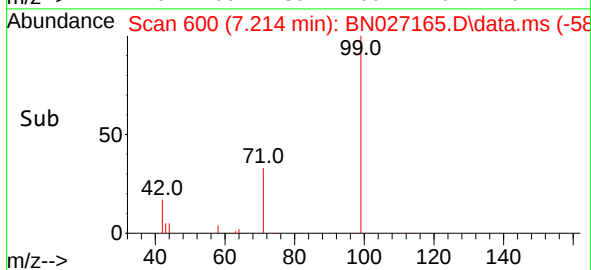
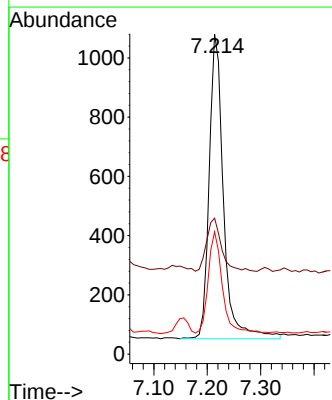
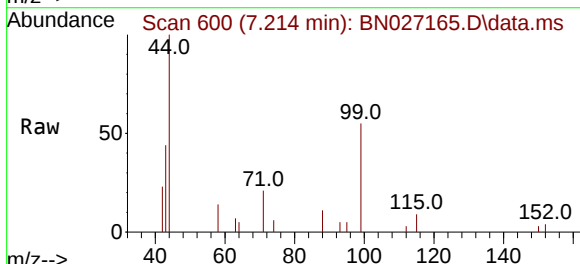
Instrument :
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TT17411-20230818

Tgt Ion:	112	Resp:	2985
Ion	Ratio	Lower	Upper
112	100		
64	54.4	41.5	62.3
63	29.5	21.7	32.5



#5
Phenol-d6
Concen: 0.095 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027165.D
Acq: 26 Aug 2023 22:06

Tgt Ion:	99	Resp:	1921
Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.6	20.4
71	32.4	26.0	39.0

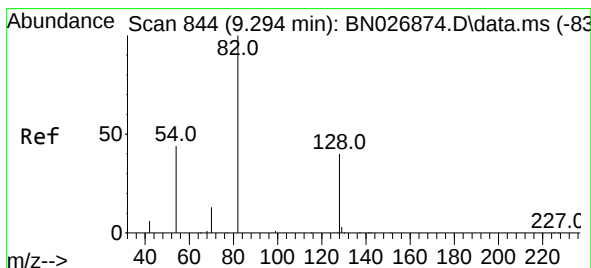
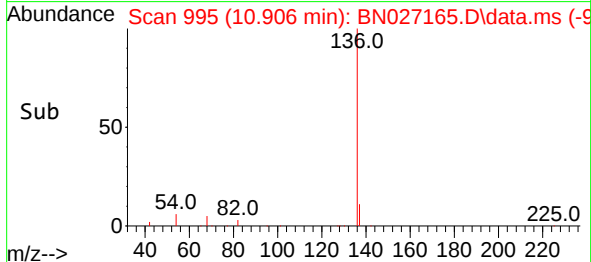
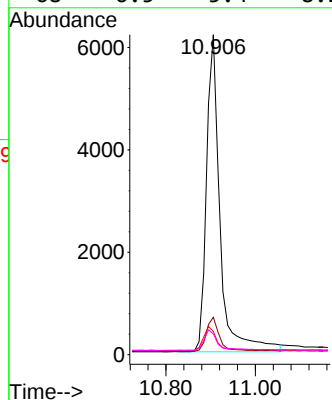
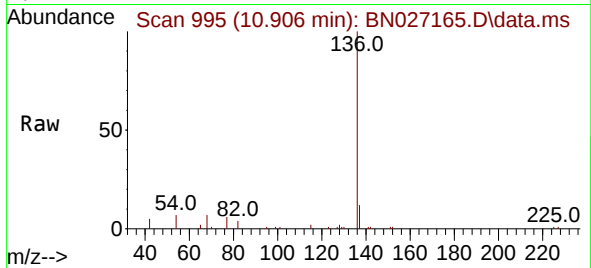




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN027165.D
Acq: 26 Aug 2023 22:06

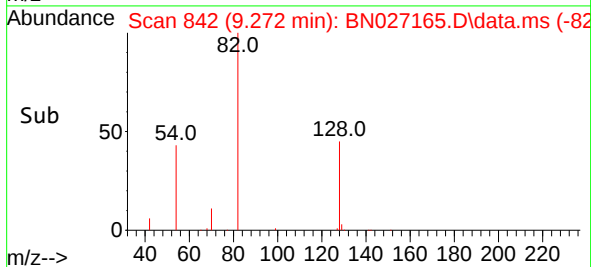
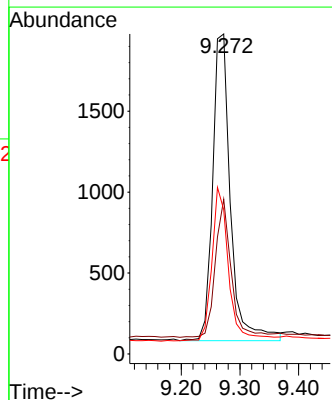
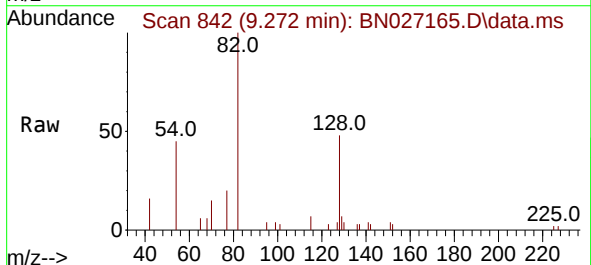
Instrument :
BNA_N
ClientSampleId :
TT17411-20230818

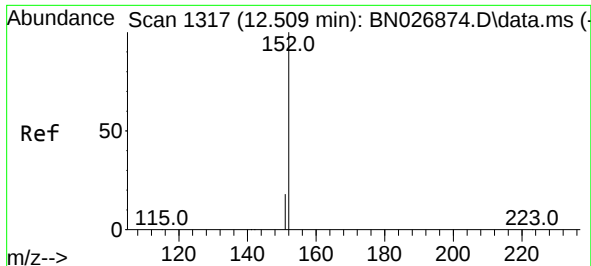
Tgt Ion:136	Resp:	13029
Ion	Ratio	Lower Upper
136	100	
137	11.7	9.0 13.6
54	7.2	5.5 8.3
68	6.5	5.4 8.2



#8
Nitrobenzene-d5
Concen: 0.363 ng
RT: 9.272 min Scan# 842
Delta R.T. -0.000 min
Lab File: BN027165.D
Acq: 26 Aug 2023 22:06

Tgt Ion: 82	Resp:	3999
Ion	Ratio	Lower Upper
82	100	
128	48.4	34.1 51.1
54	45.1	37.0 55.4

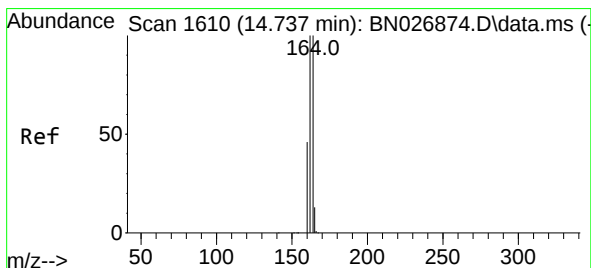
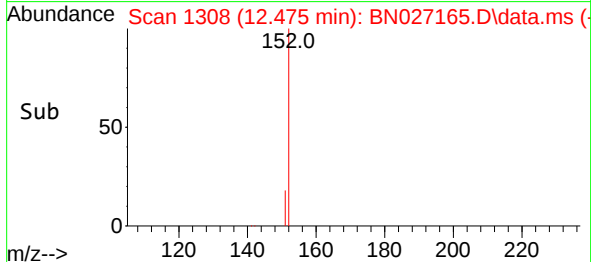
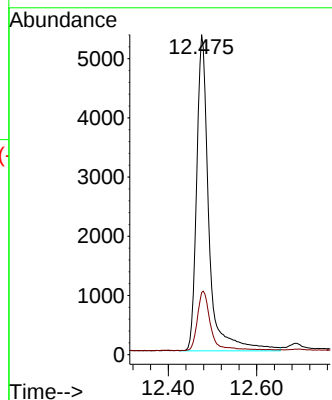
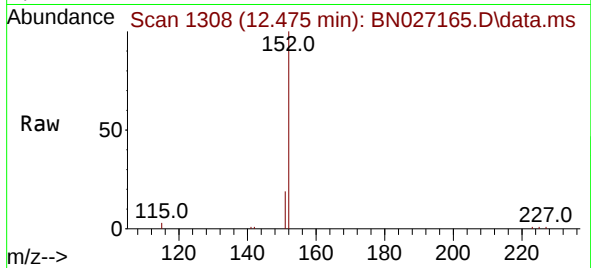




#11
2-Methylnaphthalene-d10
Concen: 0.496 ng
RT: 12.475 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN027165.D
Acq: 26 Aug 2023 22:06

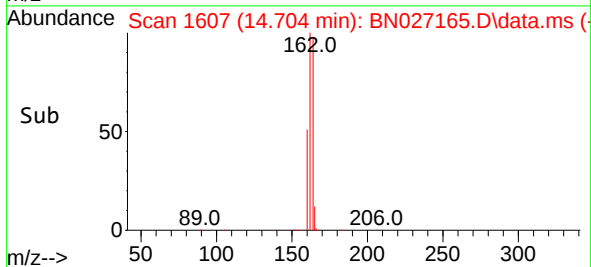
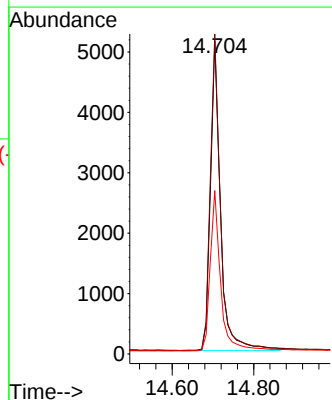
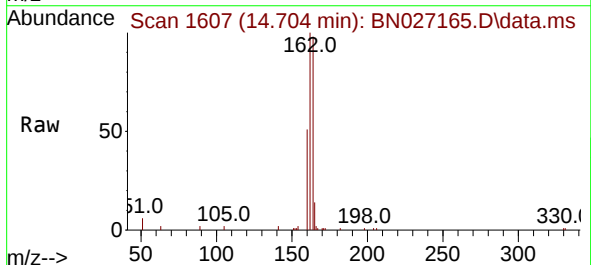
Instrument :
BNA_N
ClientSampleId :
TT17411-20230818

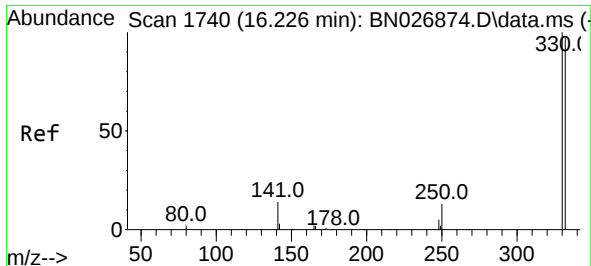
Tgt Ion:152 Resp: 10281
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.704 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BN027165.D
Acq: 26 Aug 2023 22:06

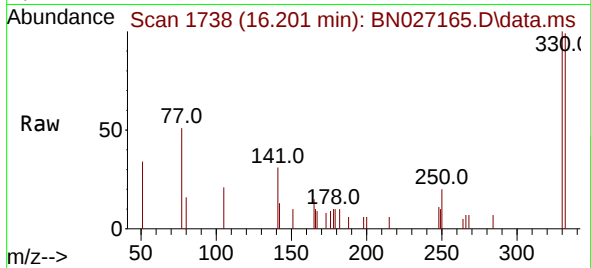
Tgt Ion:164 Resp: 8830
Ion Ratio Lower Upper
164 100
162 102.2 79.7 119.5
160 52.2 37.4 56.0



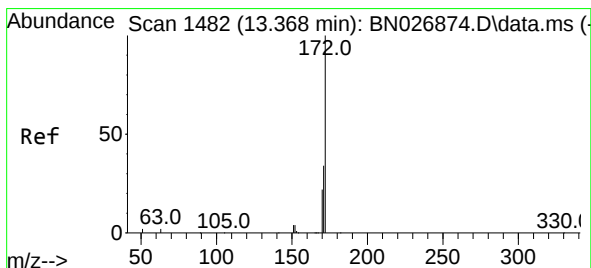
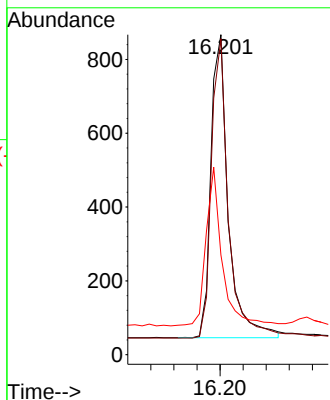
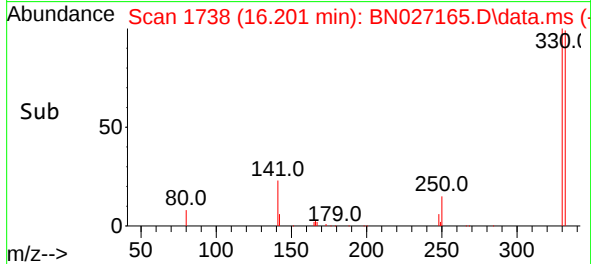


#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 16.201 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN027165.D
Acq: 26 Aug 2023 22:06

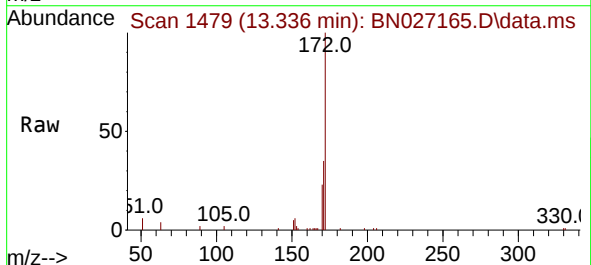
Instrument :
BNA_N
ClientSampleId :
TT17411-20230818



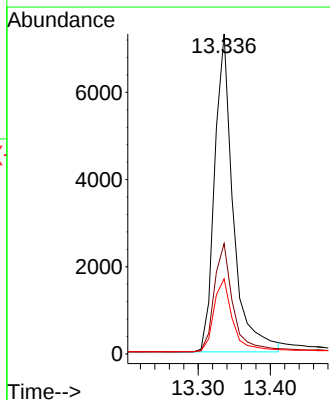
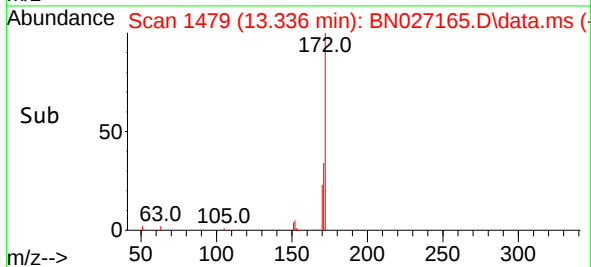
Tgt Ion: 330 Resp: 1713
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 47.3 32.3 48.5

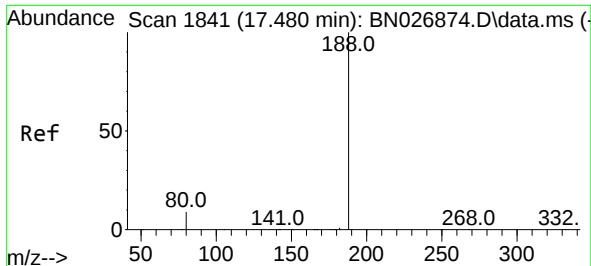


#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.336 min Scan# 1479
Delta R.T. -0.000 min
Lab File: BN027165.D
Acq: 26 Aug 2023 22:06



Tgt Ion: 172 Resp: 13066
Ion Ratio Lower Upper
172 100
171 34.5 27.4 41.0
170 23.4 18.0 27.0

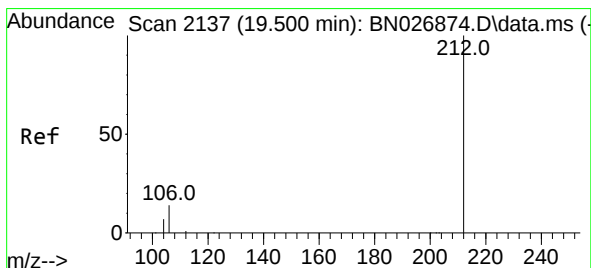
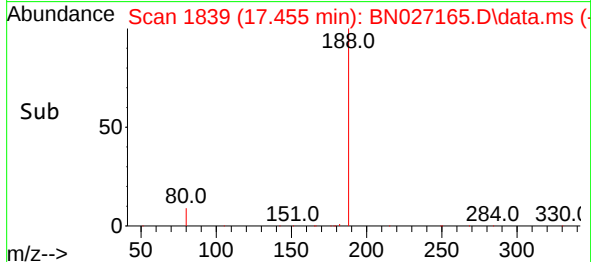
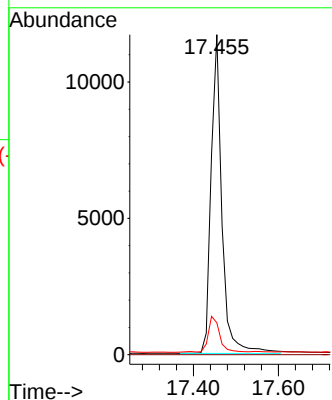
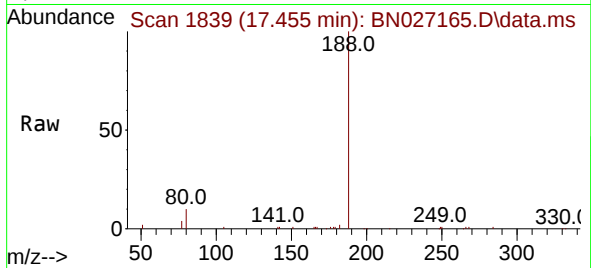




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BN027165.D
Acq: 26 Aug 2023 22:06

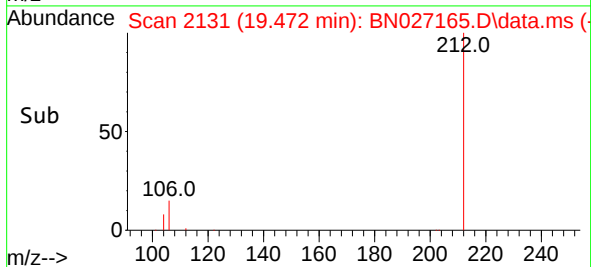
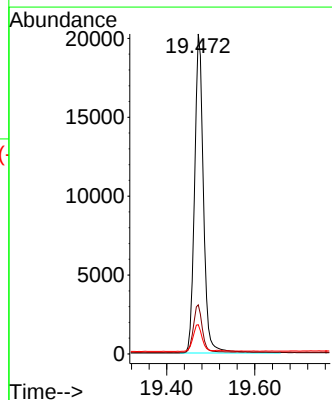
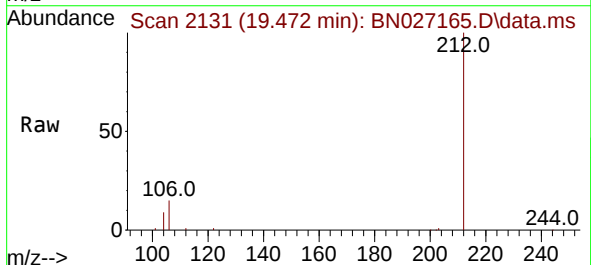
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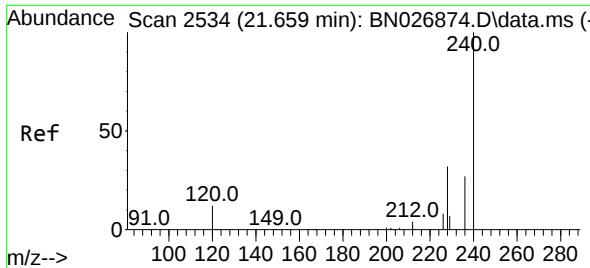
Tgt Ion:188 Resp: 20608
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 7.4 11.2



#27
Fluoranthene-d10
Concen: 0.537 ng
RT: 19.472 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BN027165.D
Acq: 26 Aug 2023 22:06

Tgt Ion:212 Resp: 28361
Ion Ratio Lower Upper
212 100
106 15.1 10.9 16.3
104 8.6 5.9 8.9

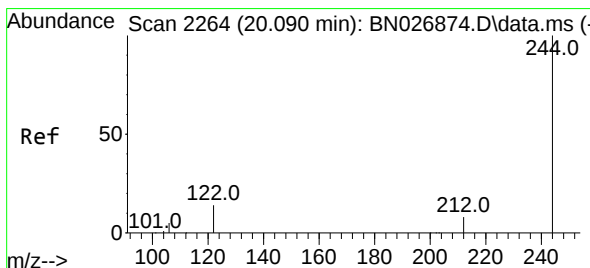
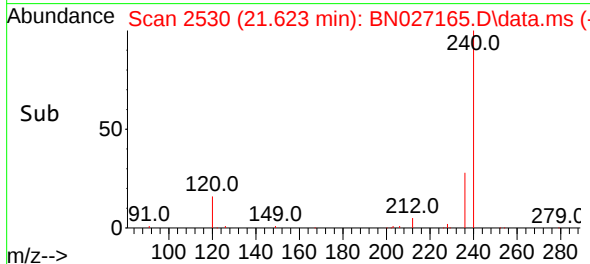
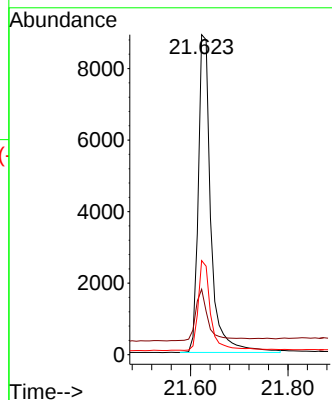
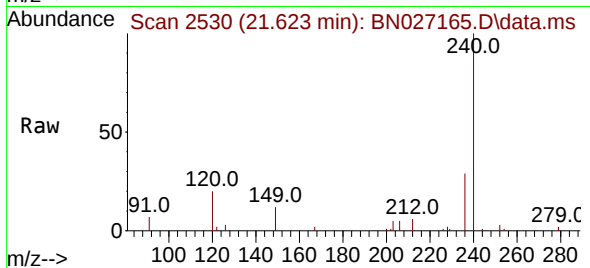




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN027165.D
Acq: 26 Aug 2023 22:06

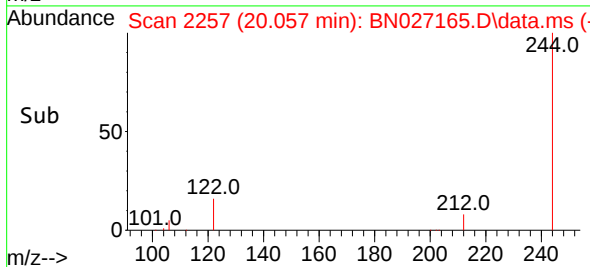
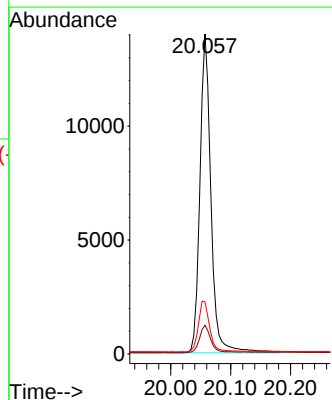
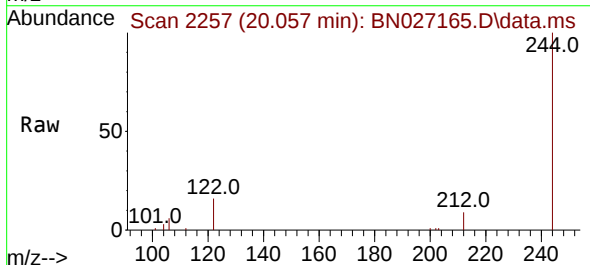
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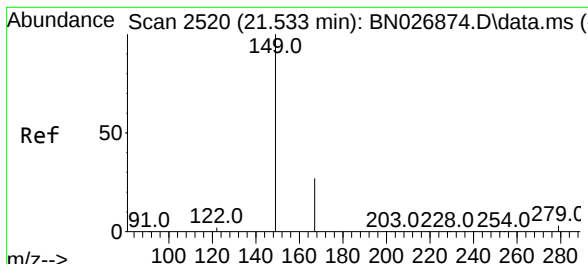
Tgt Ion:240 Resp: 15942
Ion Ratio Lower Upper
240 100
120 20.5 11.1 16.7#
236 29.4 22.2 33.2



#31
Terphenyl-d14
Concen: 0.536 ng
RT: 20.057 min Scan# 2257
Delta R.T. -0.005 min
Lab File: BN027165.D
Acq: 26 Aug 2023 22:06

Tgt Ion:244 Resp: 17872
Ion Ratio Lower Upper
244 100
212 9.0 6.9 10.3
122 16.3 11.9 17.9

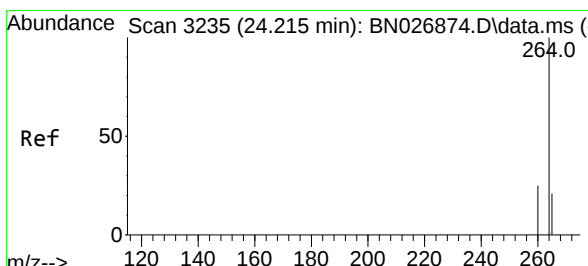
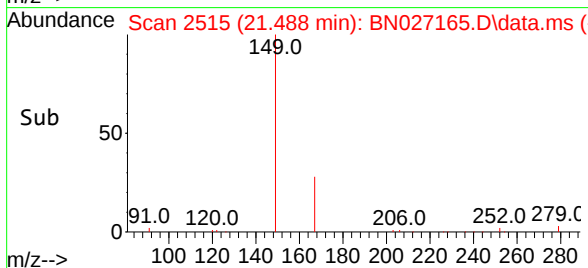
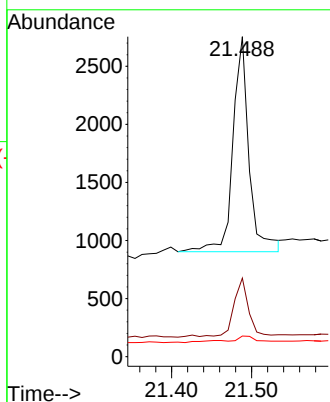
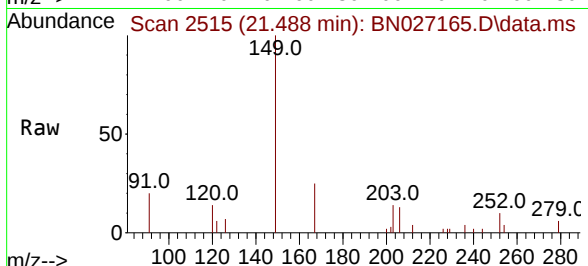




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.063 ng
 RT: 21.488 min Scan# 2151
 Delta R.T. -0.009 min
 Lab File: BN027165.D
 Acq: 26 Aug 2023 22:06

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:149 Resp: 2593
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.4 32.0
 279 2.6 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.162 min Scan# 3217
 Delta R.T. -0.009 min
 Lab File: BN027165.D
 Acq: 26 Aug 2023 22:06

Tgt Ion:264 Resp: 14287
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.4 30.6
 265 75.8 27.0 40.6#

