

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027199.D
 Acq On : 27 Aug 2023 21:18
 Operator : MA/JU
 Sample : 04051-01
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20230816

Quant Time: Aug 28 00:45:43 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)

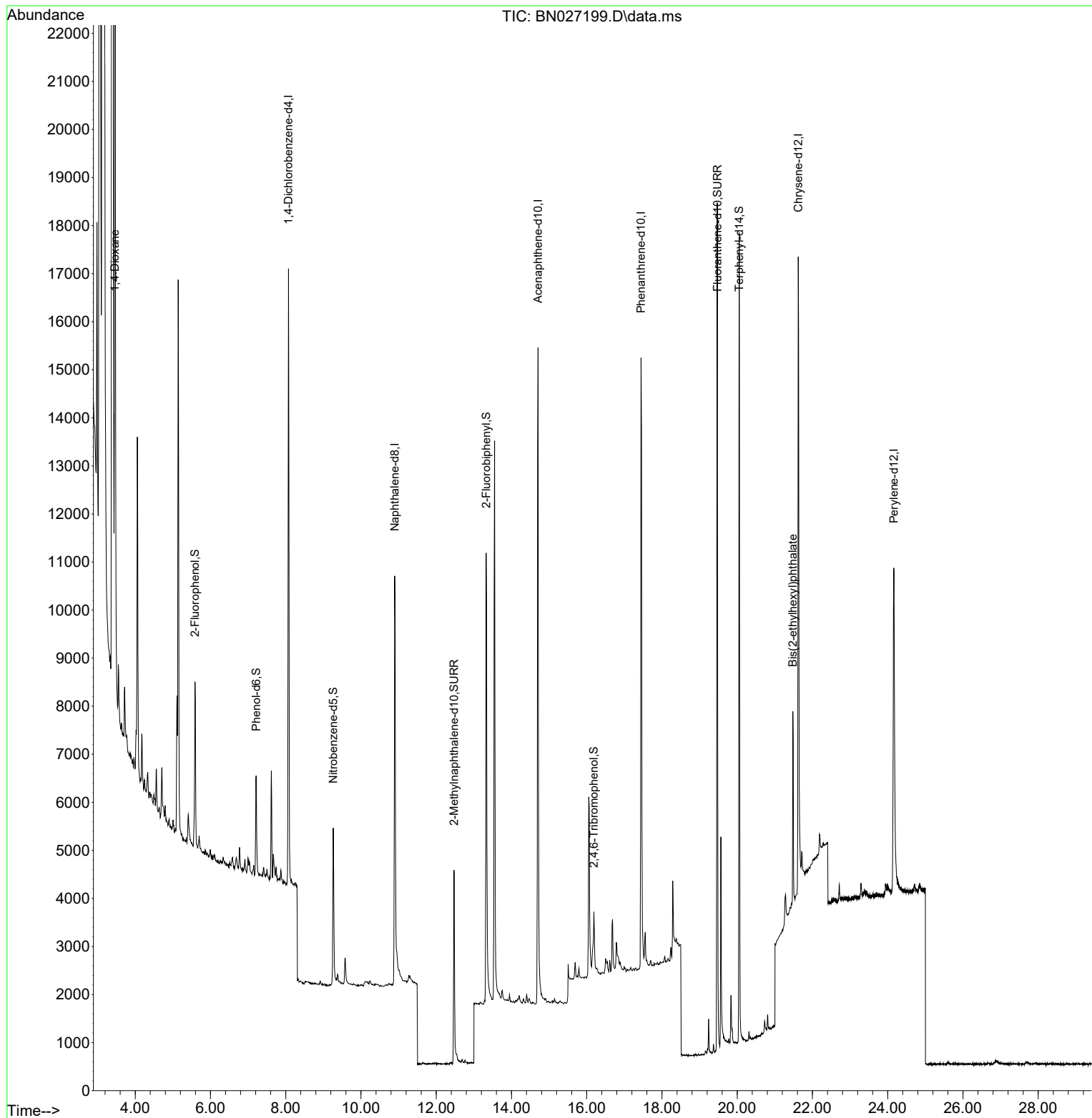
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	6092	0.400	ng	-0.01
7) Naphthalene-d8	10.895	136	14081	0.400	ng	#-0.01
13) Acenaphthene-d10	14.705	164	9069	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	20701	0.400	ng	#-0.01
29) Chrysene-d12	21.623	240	15594	0.400	ng	# 0.00
35) Perylene-d12	24.162	264	12976	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	2854	0.166	ng	-0.01
5) Phenol-d6	7.214	99	2276	0.107	ng	0.00
8) Nitrobenzene-d5	9.262	82	3032	0.255	ng	-0.01
11) 2-Methylnaphthalene-d10	12.472	152	6406	0.286	ng	-0.01
14) 2,4,6-Tribromophenol	16.189	330	756	0.157	ng	-0.01
15) 2-Fluorobiphenyl	13.325	172	10145	0.301	ng	-0.01
27) Fluoranthene-d10	19.472	212	20083	0.378	ng	0.00
31) Terphenyl-d14	20.052	244	15991	0.491	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	19566	2.987	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.480	149	4111	0.101	ng	# 98

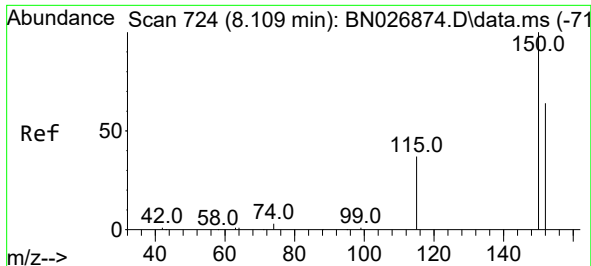
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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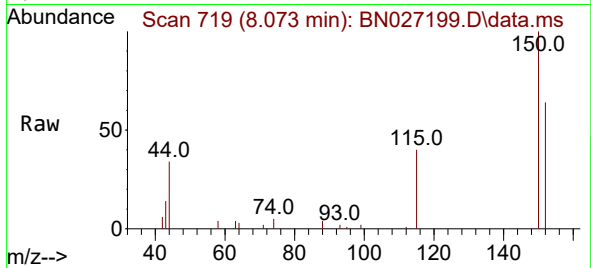
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



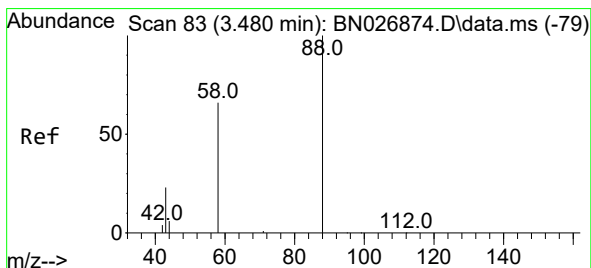
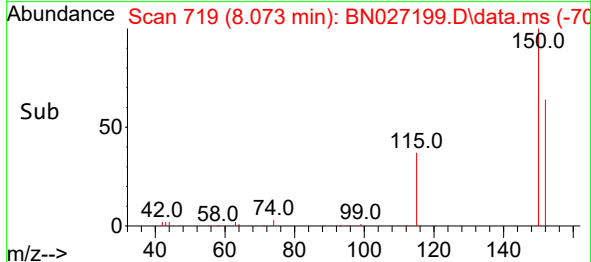
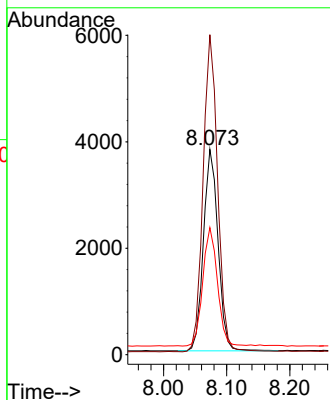


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.073 min Scan# 71
Delta R.T. -0.015 min
Lab File: BN027199.D
Acq: 27 Aug 2023 21:18

Instrument :
BNA_N
ClientSampleId :
RE125D3-20230816

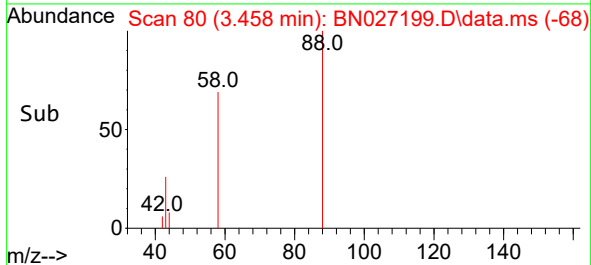
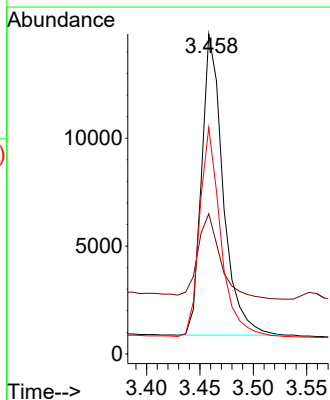
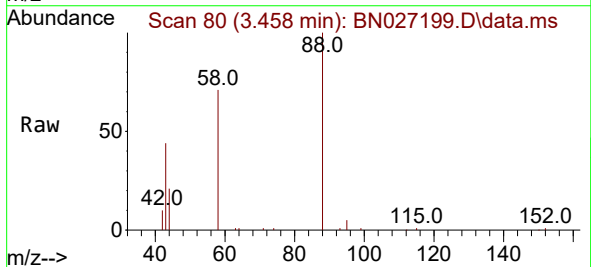


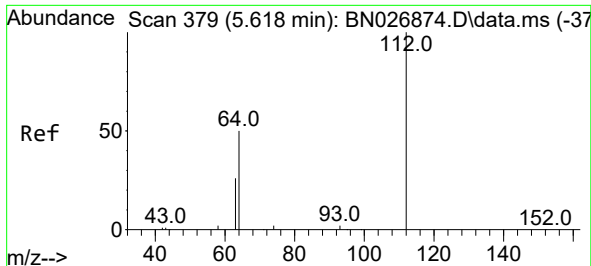
Tgt Ion:152 Resp: 6092
Ion Ratio Lower Upper
152 100
150 155.9 123.8 185.6
115 61.9 49.7 74.5



#2
1,4-Dioxane
Concen: 2.987 ng
RT: 3.458 min Scan# 80
Delta R.T. -0.014 min
Lab File: BN027199.D
Acq: 27 Aug 2023 21:18

Tgt Ion: 88 Resp: 19566
Ion Ratio Lower Upper
88 100
43 29.8 19.2 28.8#
58 67.4 54.5 81.7

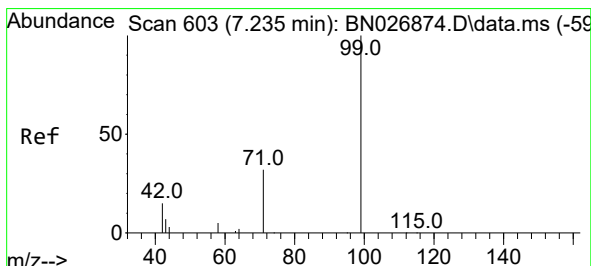
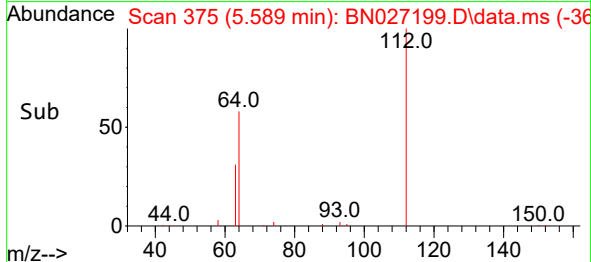
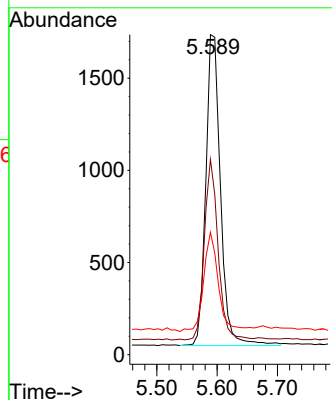
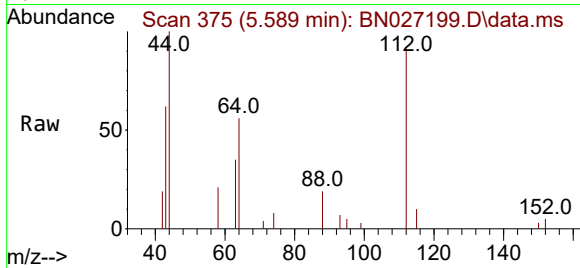




#4
2-Fluorophenol
Concen: 0.166 ng
RT: 5.589 min Scan# 31
Delta R.T. -0.014 min
Lab File: BN027199.D
Acq: 27 Aug 2023 21:18

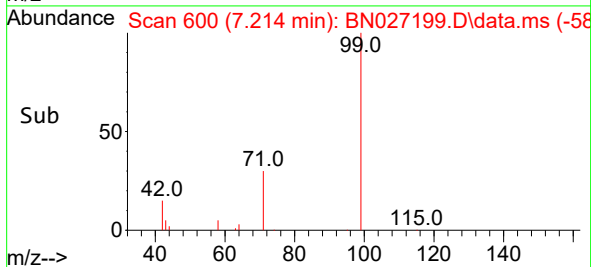
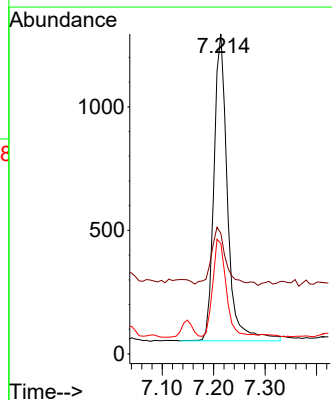
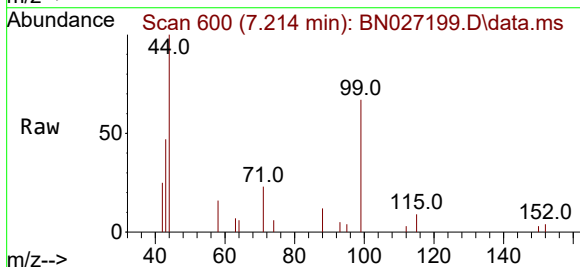
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BNA_N
ClientSampleId :
RE125D3-20230816

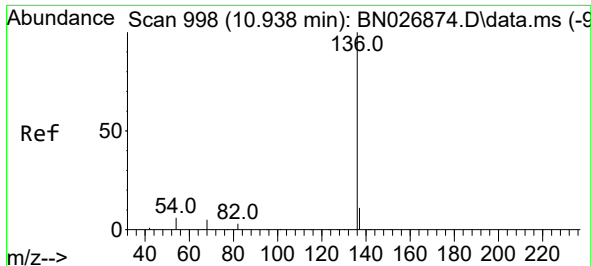
Tgt Ion:112 Resp: 2854
Ion Ratio Lower Upper
112 100
64 53.9 41.5 62.3
63 31.8 21.7 32.5



#5
Phenol-d6
Concen: 0.107 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027199.D
Acq: 27 Aug 2023 21:18

Tgt Ion: 99 Resp: 2276
Ion Ratio Lower Upper
99 100
42 20.7 13.6 20.4#
71 31.0 26.0 39.0

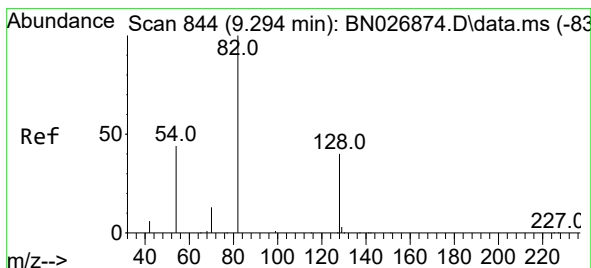
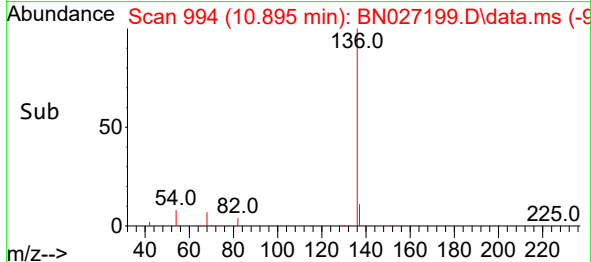
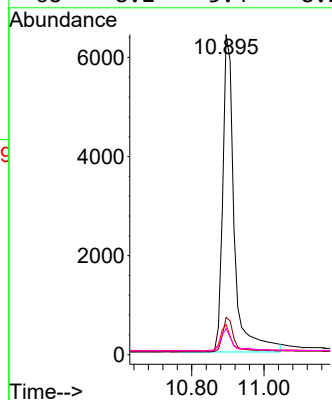
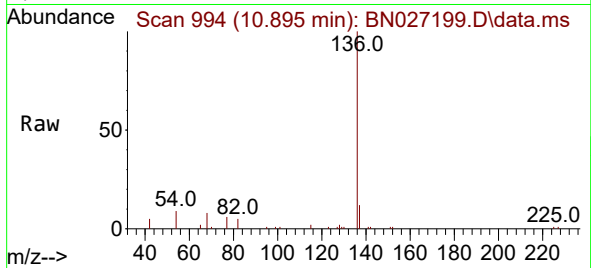




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 998
Delta R.T. -0.011 min
Lab File: BN027199.D
Acq: 27 Aug 2023 21:18

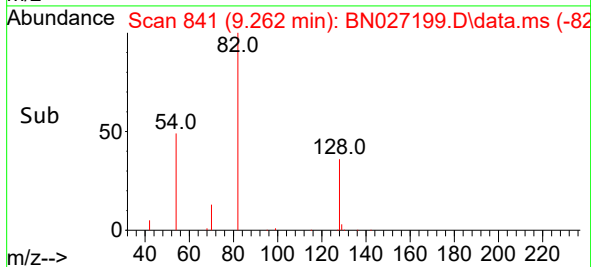
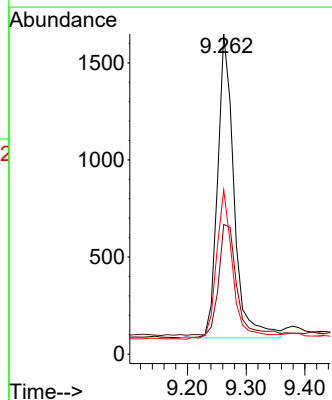
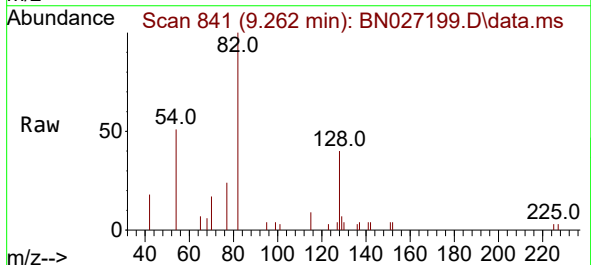
Instrument :
BNA_N
ClientSampleId :
RE125D3-20230816

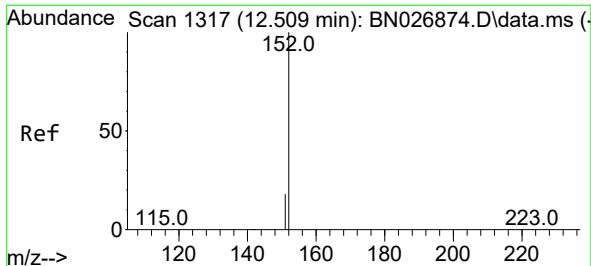
Tgt Ion:	136	Resp:	14081
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.0	13.6
54	9.4	5.5	8.3#
68	8.2	5.4	8.2#



#8
Nitrobenzene-d5
Concen: 0.255 ng
RT: 9.262 min Scan# 841
Delta R.T. -0.011 min
Lab File: BN027199.D
Acq: 27 Aug 2023 21:18

Tgt Ion:	82	Resp:	3032
Ion Ratio	Lower	Upper	
82	100		
128	40.4	34.1	51.1
54	51.3	37.0	55.4

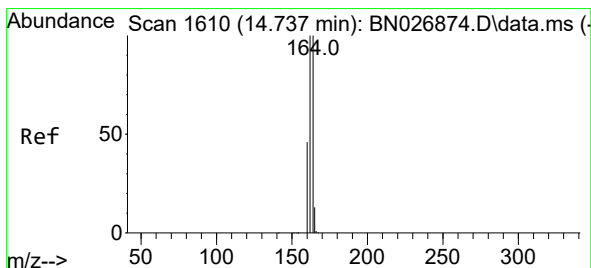
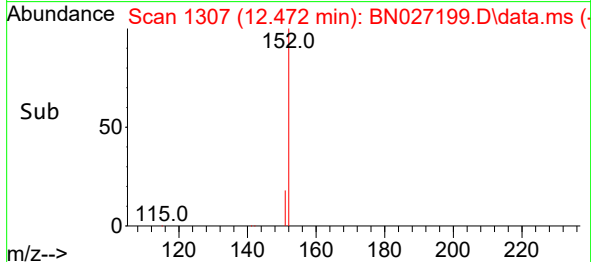
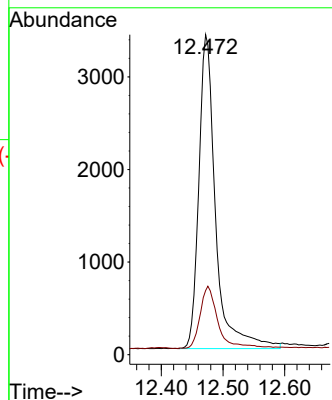
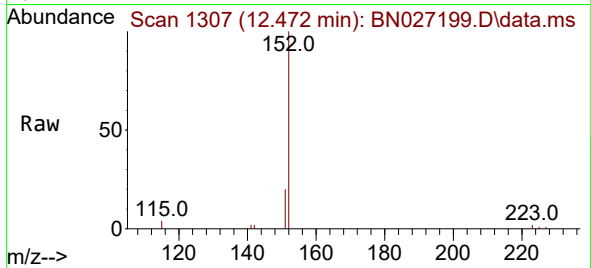




#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 12.472 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN027199.D
Acq: 27 Aug 2023 21:18

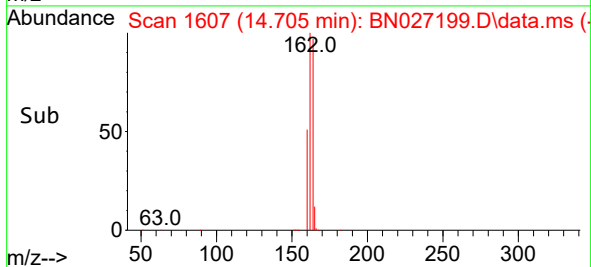
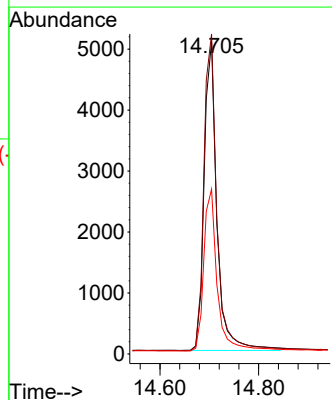
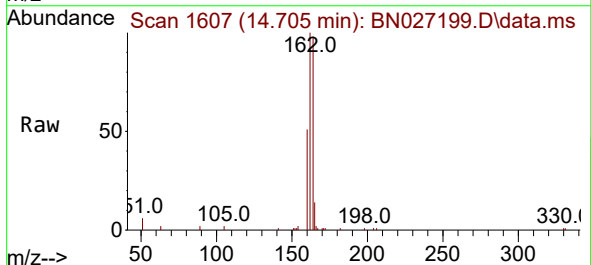
Instrument :
BNA_N
ClientSampleId :
RE125D3-20230816

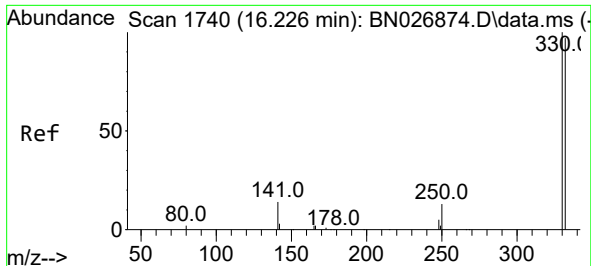
Tgt Ion:152 Resp: 6406
Ion Ratio Lower Upper
152 100
151 21.6 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BN027199.D
Acq: 27 Aug 2023 21:18

Tgt Ion:164 Resp: 9069
Ion Ratio Lower Upper
164 100
162 102.4 79.7 119.5
160 52.7 37.4 56.0

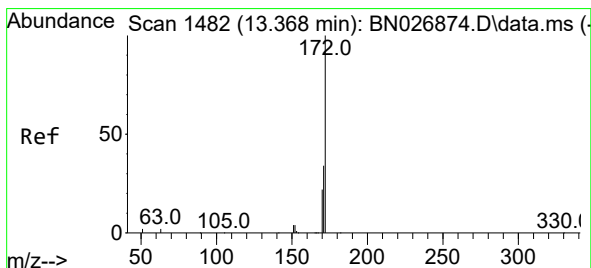
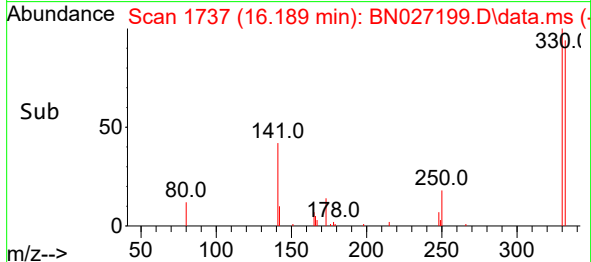
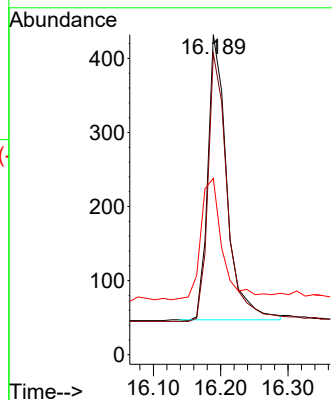
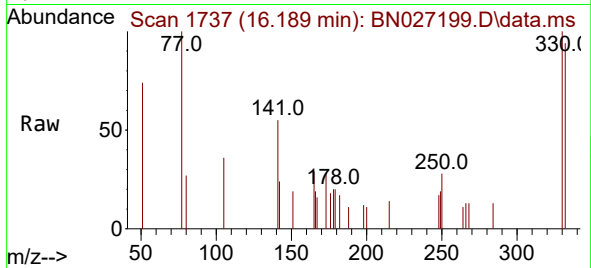




#14
2,4,6-Tribromophenol
Concen: 0.157 ng
RT: 16.189 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN027199.D
Acq: 27 Aug 2023 21:18

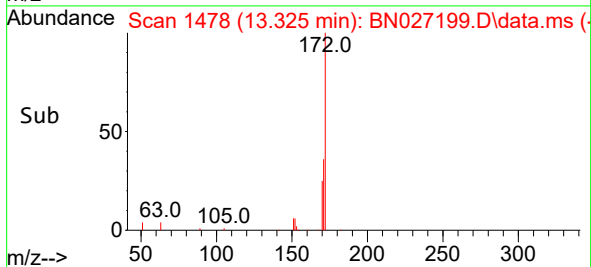
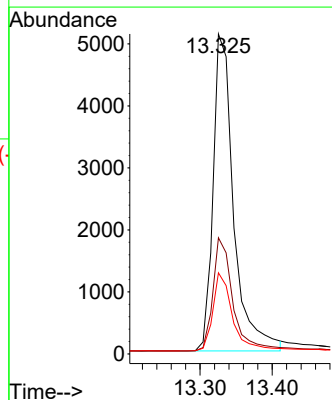
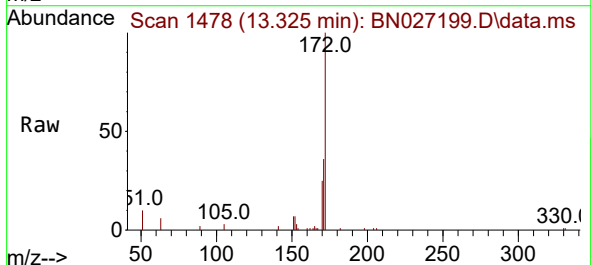
Instrument :
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ClientSampleId :
RE125D3-20230816

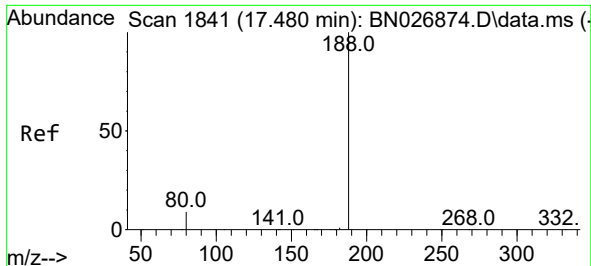
Tgt Ion:330 Resp: 756
Ion Ratio Lower Upper
330 100
332 96.4 76.6 114.8
141 48.9 32.3 48.5#



#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 13.325 min Scan# 1478
Delta R.T. -0.011 min
Lab File: BN027199.D
Acq: 27 Aug 2023 21:18

Tgt Ion:172 Resp: 10145
Ion Ratio Lower Upper
172 100
171 36.3 27.4 41.0
170 25.3 18.0 27.0

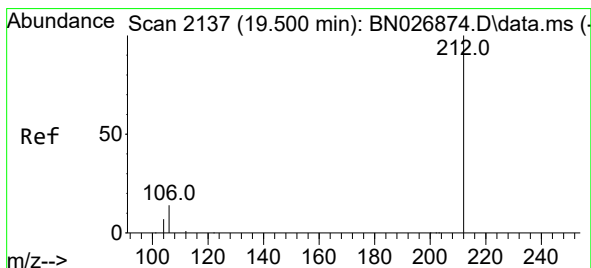
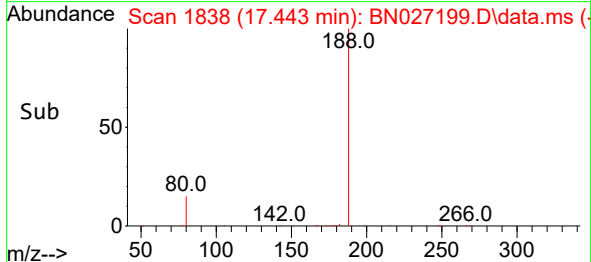
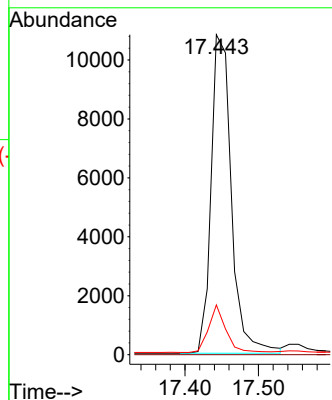
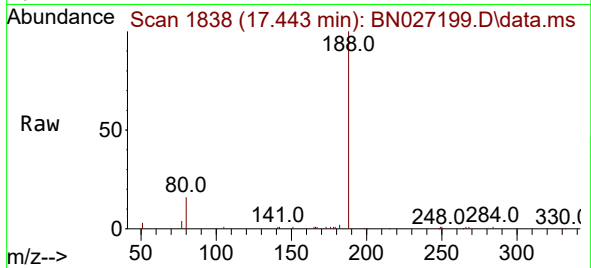




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN027199.D
Acq: 27 Aug 2023 21:18

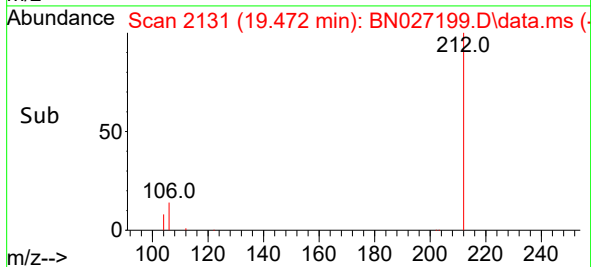
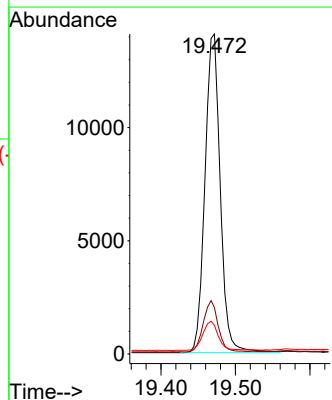
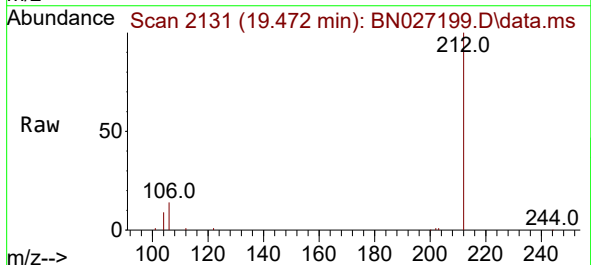
Instrument :
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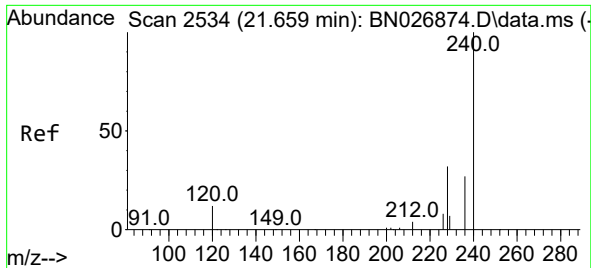
Tgt Ion:188 Resp: 20701
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.5 7.4 11.2#



#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.472 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BN027199.D
Acq: 27 Aug 2023 21:18

Tgt Ion:212 Resp: 20083
Ion Ratio Lower Upper
212 100
106 15.6 10.9 16.3
104 9.3 5.9 8.9#

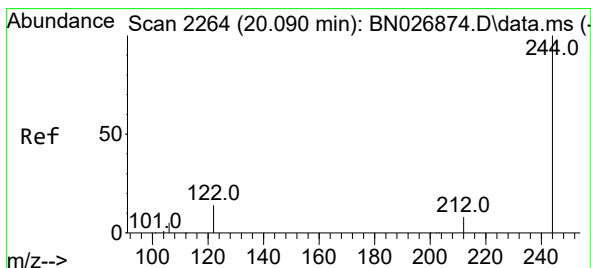
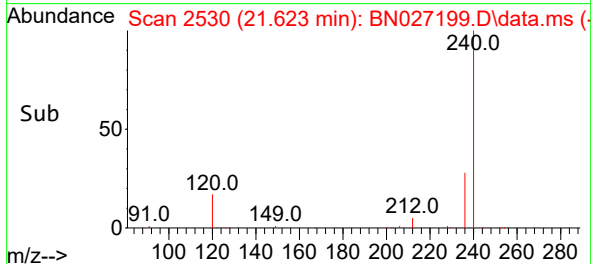
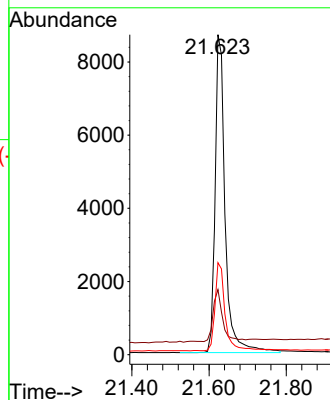
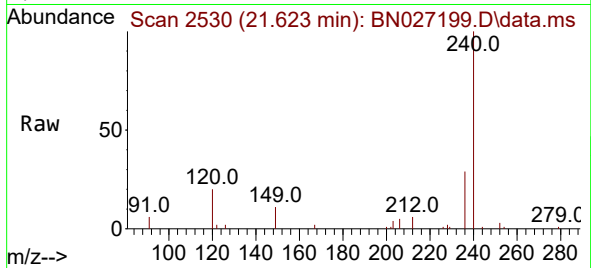




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN027199.D
Acq: 27 Aug 2023 21:18

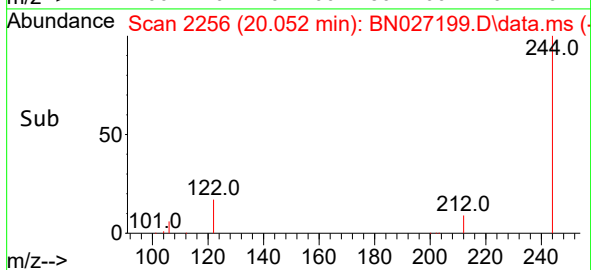
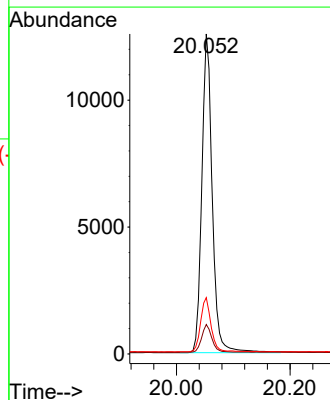
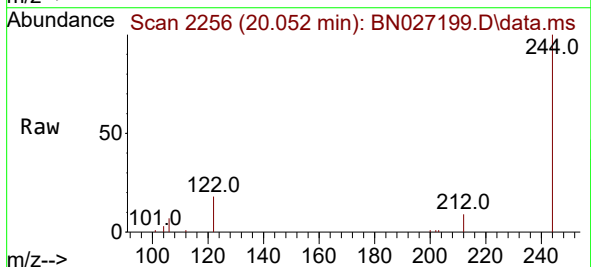
Instrument :
BNA_N
ClientSampleId :
RE125D3-20230816

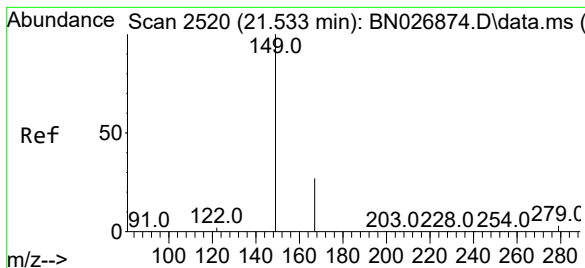
Tgt Ion:240 Resp: 15594
Ion Ratio Lower Upper
240 100
120 20.4 11.1 16.7#
236 28.7 22.2 33.2



#31
Terphenyl-d14
Concen: 0.491 ng
RT: 20.052 min Scan# 2256
Delta R.T. -0.009 min
Lab File: BN027199.D
Acq: 27 Aug 2023 21:18

Tgt Ion:244 Resp: 15991
Ion Ratio Lower Upper
244 100
212 9.2 6.9 10.3
122 17.6 11.9 17.9

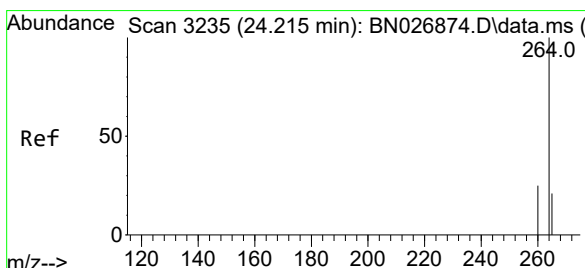
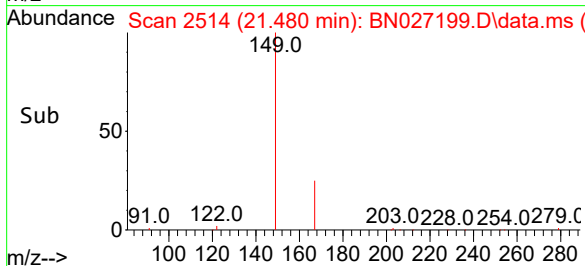
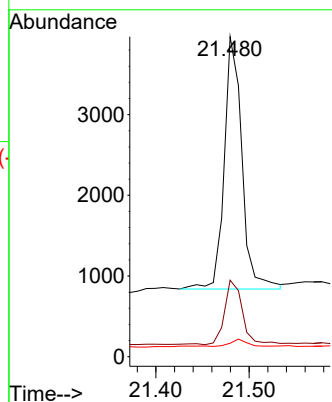
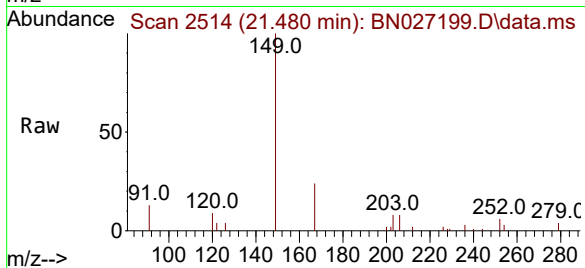




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.101 ng
 RT: 21.480 min Scan# 2149
 Delta R.T. -0.018 min
 Lab File: BN027199.D
 Acq: 27 Aug 2023 21:18

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20230816

Tgt Ion:149 Resp: 4111
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.4 32.0
 279 2.7 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: BN027199.D
 Acq: 27 Aug 2023 21:18

Tgt Ion:264 Resp: 12976
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.4 30.6
 265 72.8 27.0 40.6#

