

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032122\
 Data File : BN019044.D
 Acq On : 22 Mar 2022 05:18
 Operator : CG/JU
 Sample : N2000-22
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20220315

Quant Time: Mar 22 07:27:32 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

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

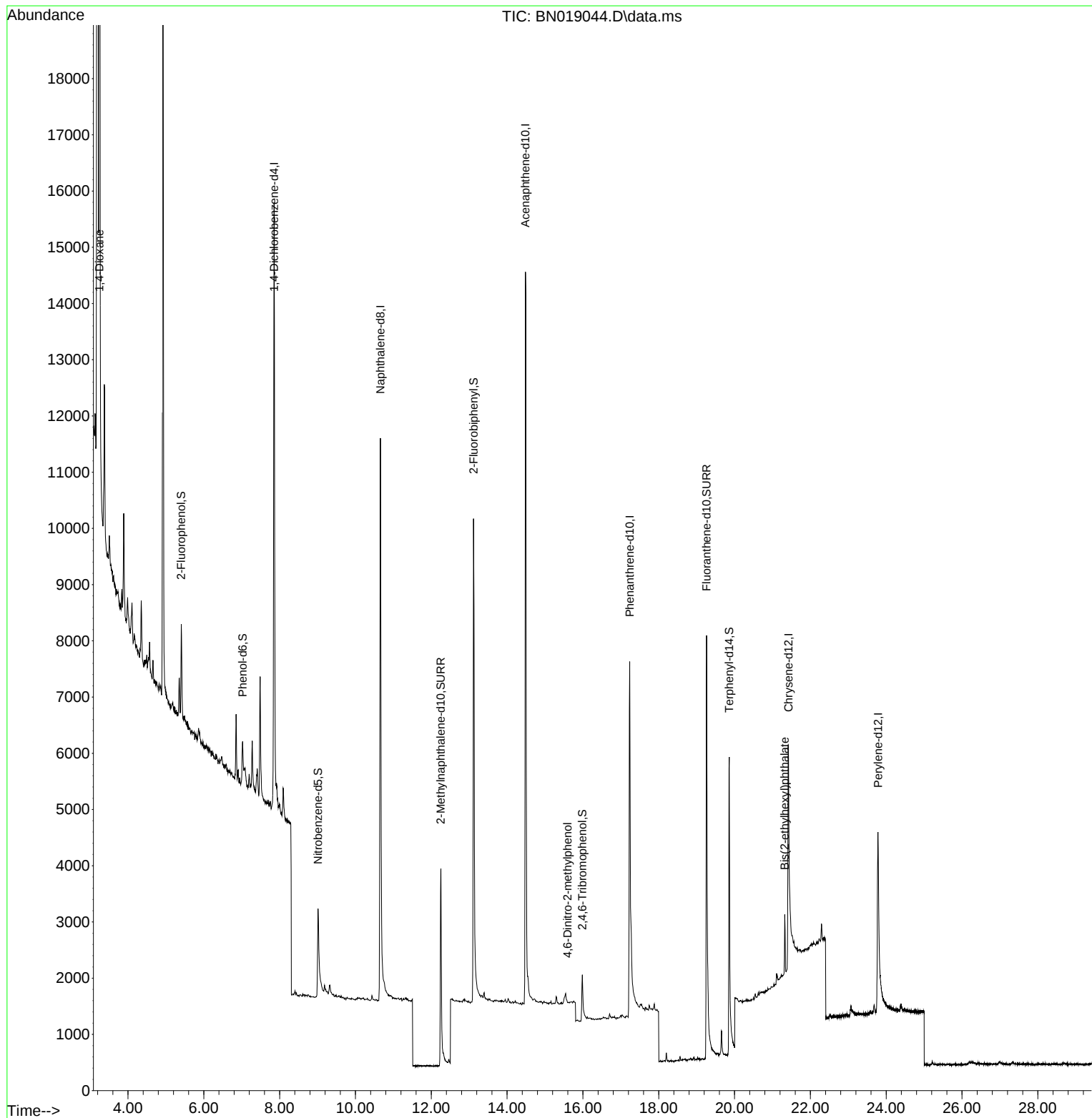
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	5843	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	16009	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	9148	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	13744	0.400	ng	# 0.00
29) Chrysene-d12	21.422	240	8053	0.400	ng	# 0.00
35) Perylene-d12	23.785	264	7389	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	1571	0.120	ng	0.00
5) Phenol-d6	7.024	99	731	0.053	ng	0.01
8) Nitrobenzene-d5	9.014	82	2405	0.208	ng	0.00
11) 2-Methylnaphthalene-d10	12.253	152	6361	0.240	ng	0.00
14) 2,4,6-Tribromophenol	15.985	330	714	0.162	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	9271	0.253	ng	-0.01
27) Fluoranthene-d10	19.261	212	11749	0.288	ng	0.00
31) Terphenyl-d14	19.860	244	8642	0.437	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	27514	3.810	ng	98
20) 4,6-Dinitro-2-methylph...	15.596	198	3	0.111	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.324	149	1007	0.061	ng	# 98

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

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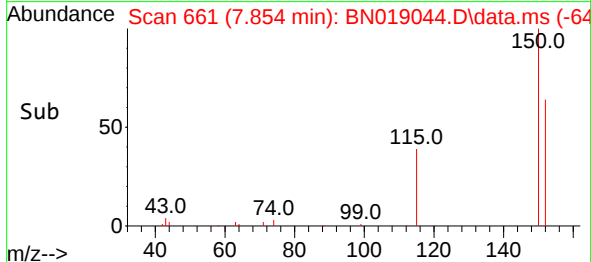
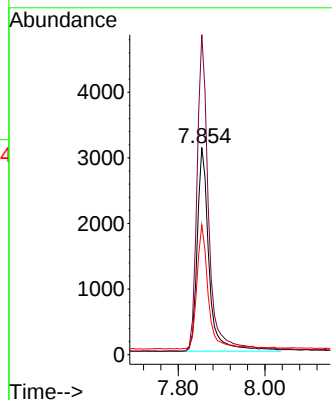
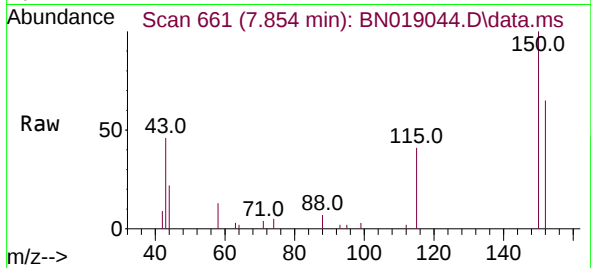




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.000 min
 Lab File: BN019044.D
 Acq: 22 Mar 2022 05:18

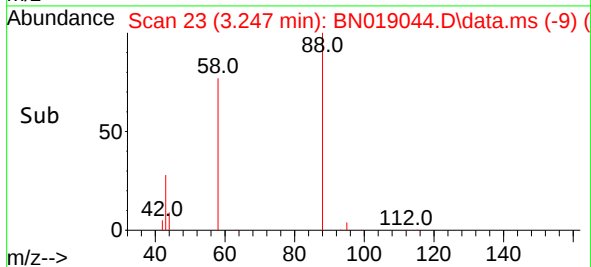
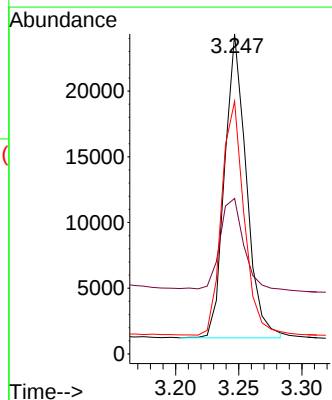
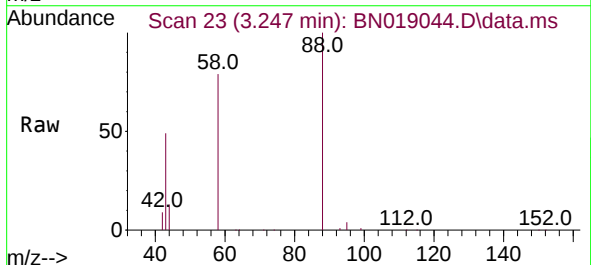
Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20220315

Tgt Ion:152 Resp: 5843
 Ion Ratio Lower Upper
 152 100
 150 154.5 123.9 185.9
 115 62.7 48.2 72.4



#2
 1,4-Dioxane
 Concen: 3.810 ng
 RT: 3.247 min Scan# 23
 Delta R.T. 0.000 min
 Lab File: BN019044.D
 Acq: 22 Mar 2022 05:18

Tgt Ion: 88 Resp: 27514
 Ion Ratio Lower Upper
 88 100
 43 31.8 24.6 37.0
 58 79.7 65.4 98.2

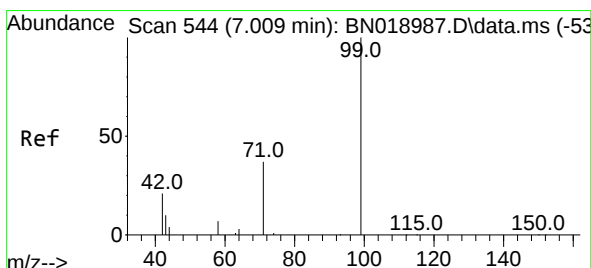
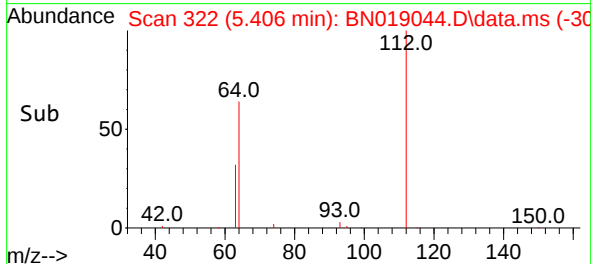
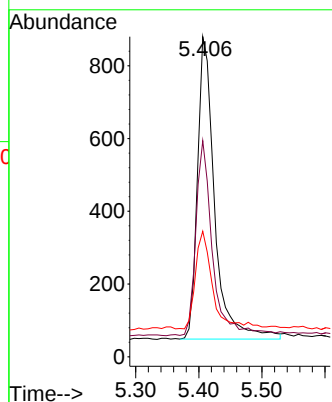
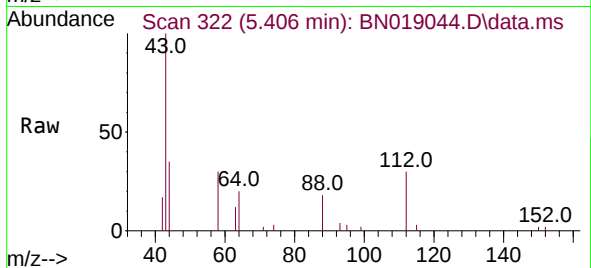




#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.406 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN019044.D
Acq: 22 Mar 2022 05:18

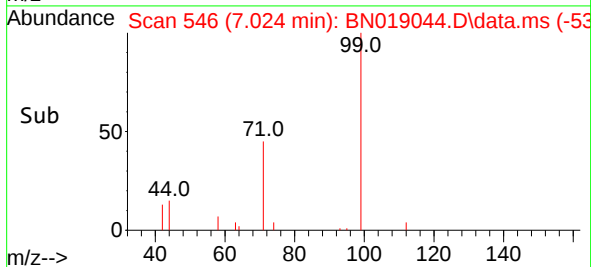
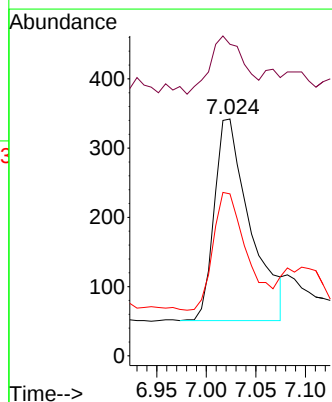
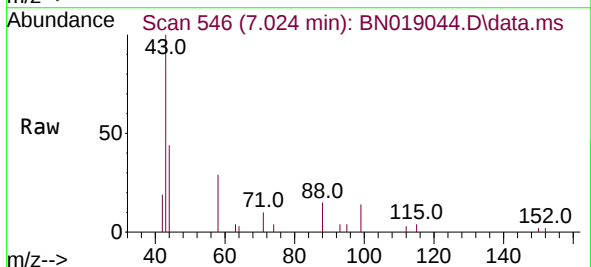
Instrument :
BNA_N
ClientSampleId :
DUP05-20220315

Tgt Ion:112 Resp: 1571
Ion Ratio Lower Upper
112 100
64 62.7 47.8 71.8
63 31.1 25.7 38.5



#5
Phenol-d6
Concen: 0.053 ng
RT: 7.024 min Scan# 546
Delta R.T. 0.015 min
Lab File: BN019044.D
Acq: 22 Mar 2022 05:18

Tgt Ion: 99 Resp: 731
Ion Ratio Lower Upper
99 100
42 26.8 16.2 24.4#
71 55.0 27.7 41.5#

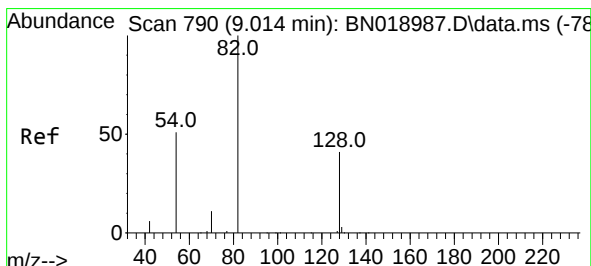
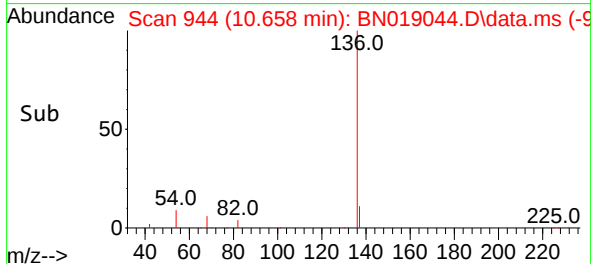
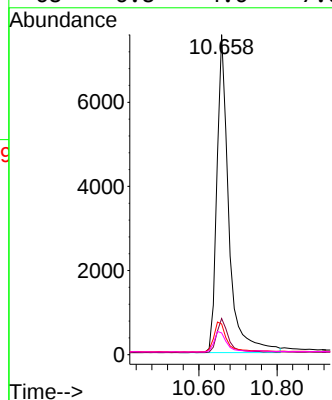
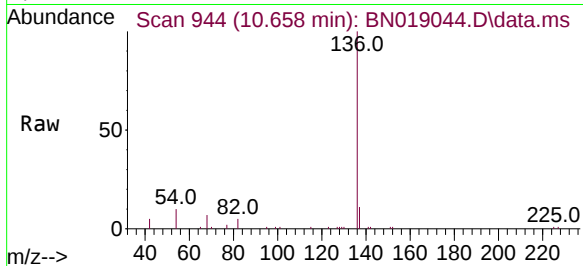




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN019044.D
Acq: 22 Mar 2022 05:18

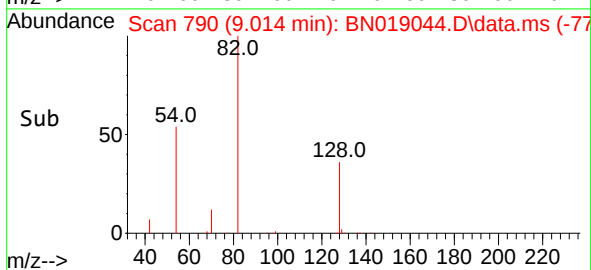
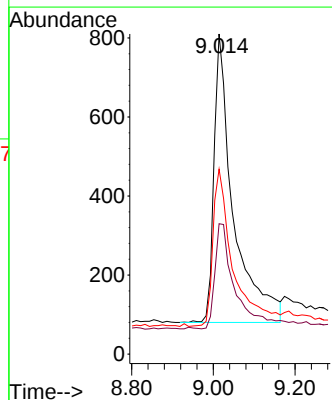
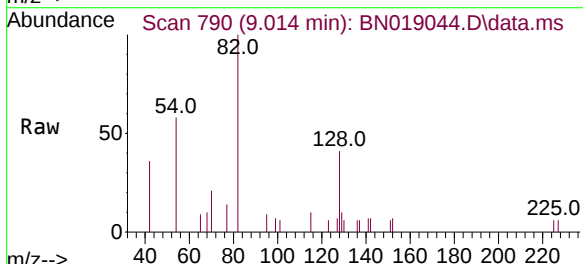
Instrument :
BNA_N
ClientSampleId :
DUP05-20220315

Tgt Ion:	136	Resp:	16009
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	9.6	5.8	8.6#
68	6.8	4.6	7.0



#8
Nitrobenzene-d5
Concen: 0.208 ng
RT: 9.014 min Scan# 790
Delta R.T. 0.000 min
Lab File: BN019044.D
Acq: 22 Mar 2022 05:18

Tgt Ion:	82	Resp:	2405
Ion Ratio	Lower	Upper	
82	100		
128	40.7	33.0	49.6
54	57.8	42.5	63.7

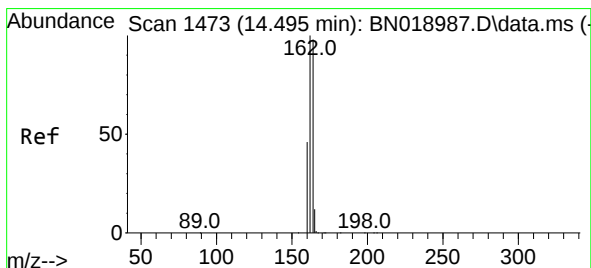
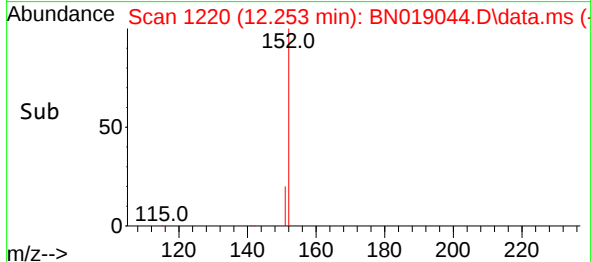
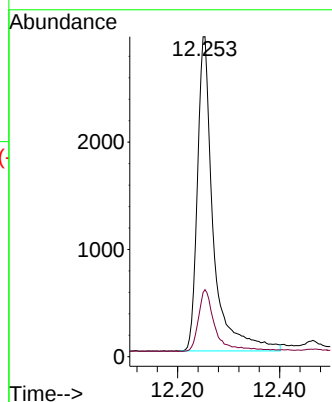
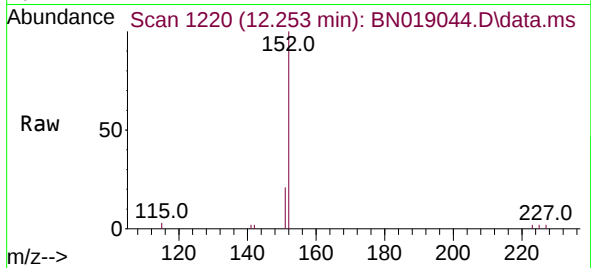




#11
2-Methylnaphthalene-d10
Concen: 0.240 ng
RT: 12.253 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN019044.D
Acq: 22 Mar 2022 05:18

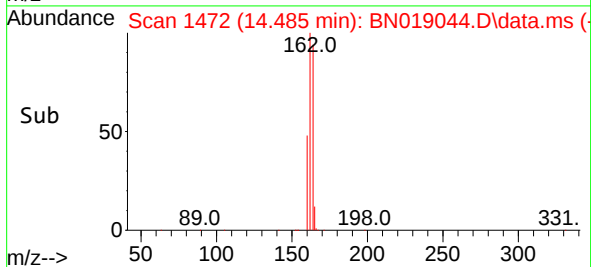
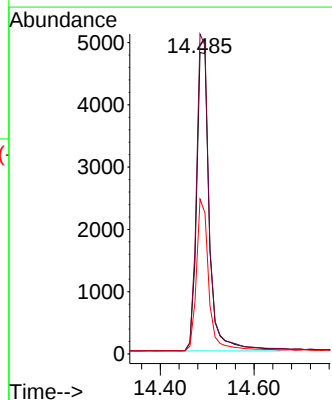
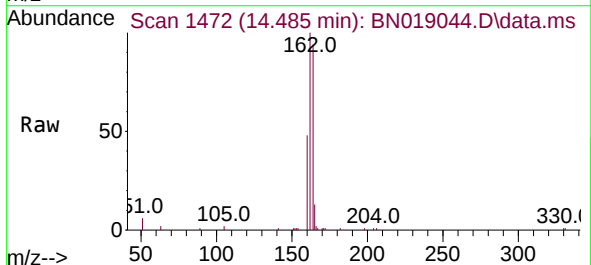
Instrument :
BNA_N
ClientSampleId :
DUP05-20220315

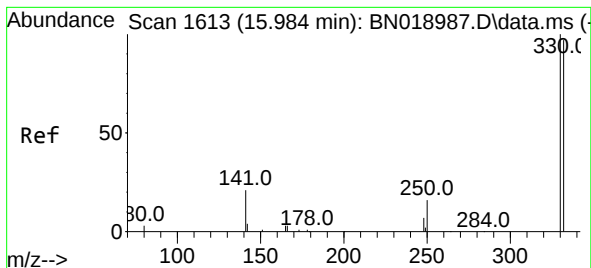
Tgt Ion:152 Resp: 6361
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019044.D
Acq: 22 Mar 2022 05:18

Tgt Ion:164 Resp: 9148
Ion Ratio Lower Upper
164 100
162 106.2 85.2 127.8
160 51.4 41.5 62.3

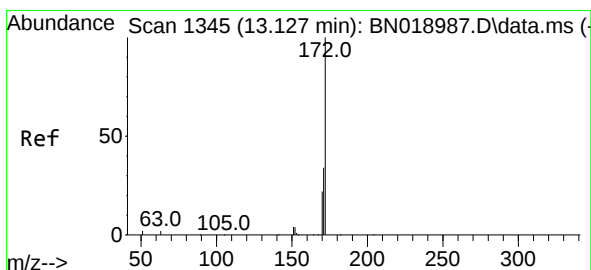
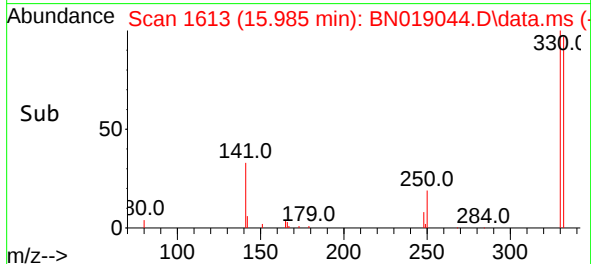
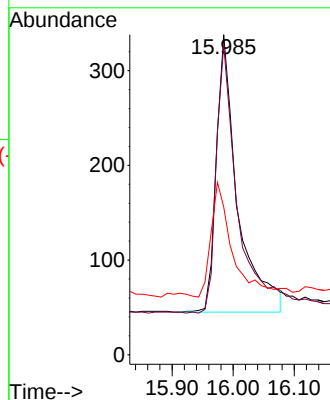
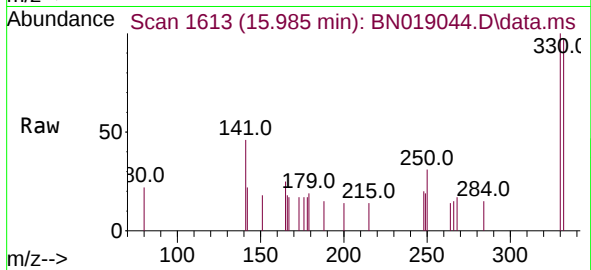




#14
2,4,6-Tribromophenol
Concen: 0.162 ng
RT: 15.985 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BN019044.D
Acq: 22 Mar 2022 05:18

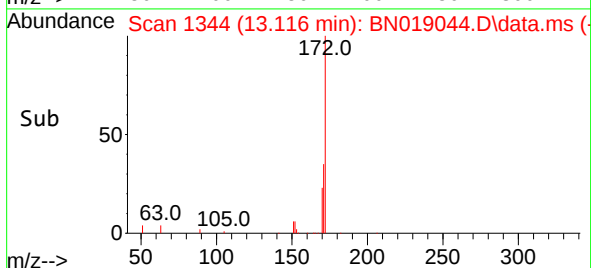
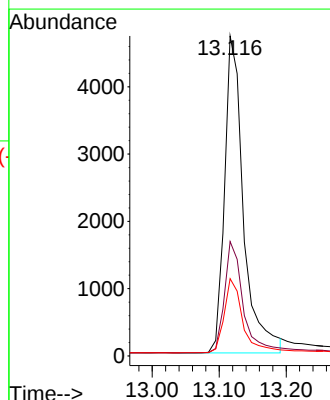
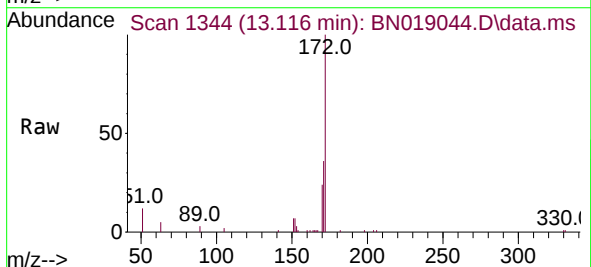
Instrument :
BNA_N
ClientSampleId :
DUP05-20220315

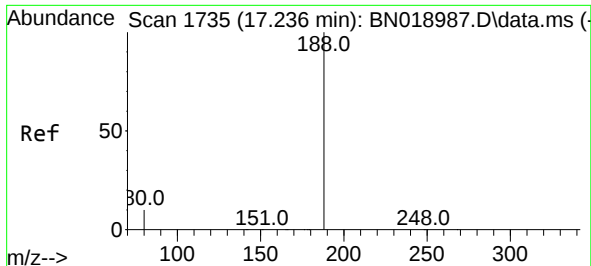
Tgt Ion:	330	Resp:	714
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.8	115.2
141	39.8	32.2	48.2



#15
2-Fluorobiphenyl
Concen: 0.253 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN019044.D
Acq: 22 Mar 2022 05:18

Tgt Ion:	172	Resp:	9271
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.2	42.2
170	24.1	18.7	28.1

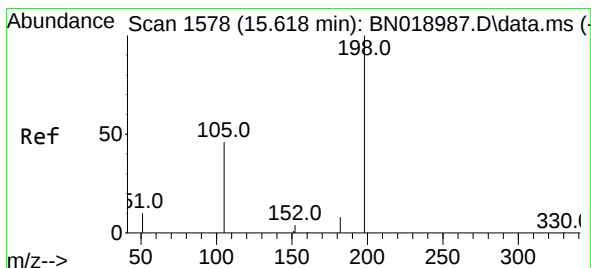
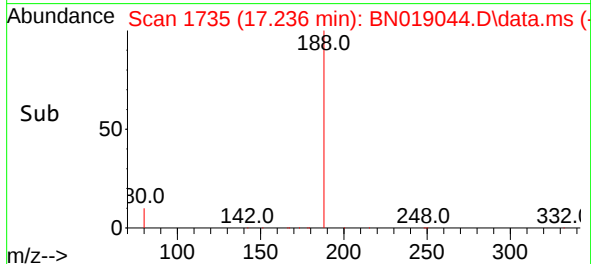
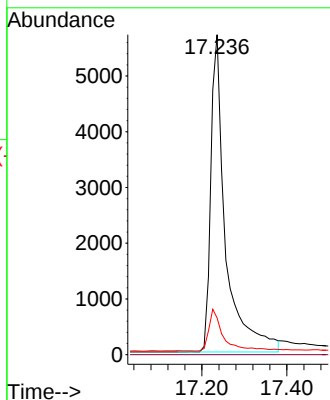
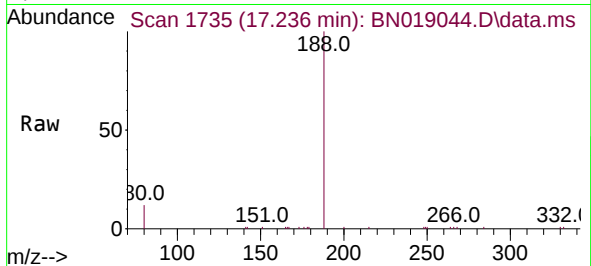




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019044.D
Acq: 22 Mar 2022 05:18

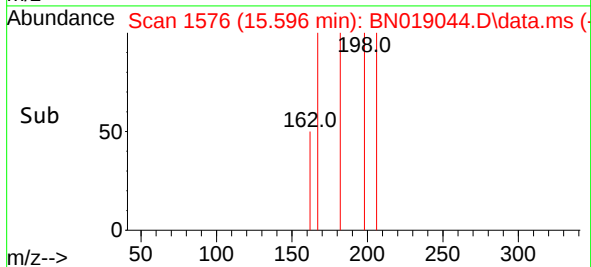
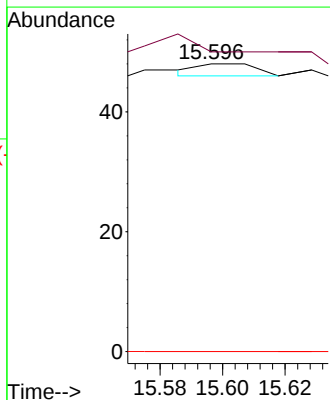
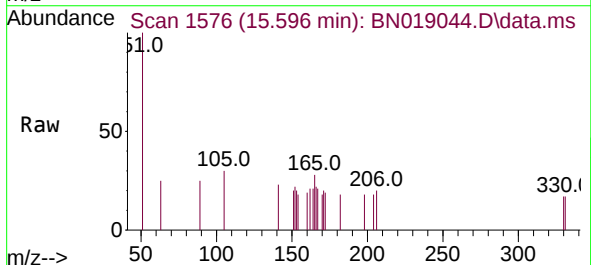
Instrument :
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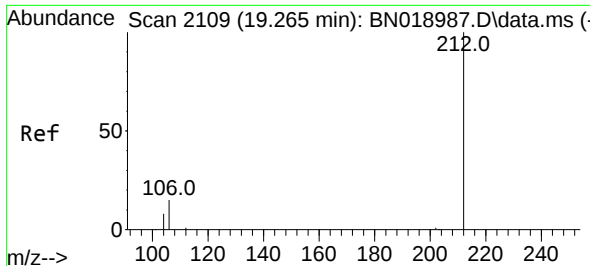
Tgt Ion:188 Resp: 13744
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 11.8 17.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.111 ng
RT: 15.596 min Scan# 1576
Delta R.T. -0.022 min
Lab File: BN019044.D
Acq: 22 Mar 2022 05:18

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
182 104.2 13.0 19.4#
77 0.0 0.0 0.0

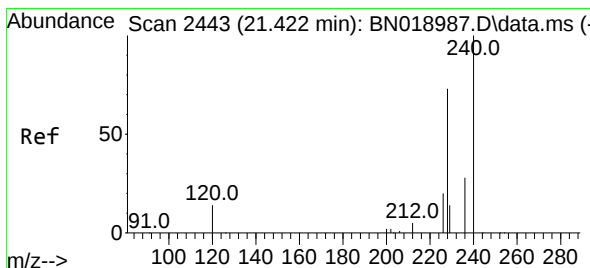
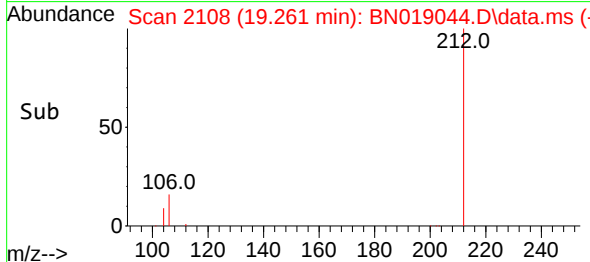
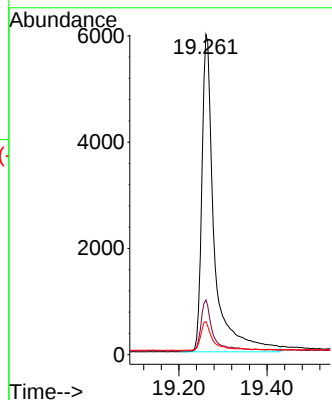
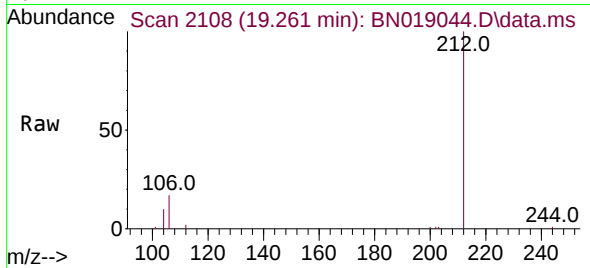




#27
Fluoranthene-d10
Concen: 0.288 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019044.D
Acq: 22 Mar 2022 05:18

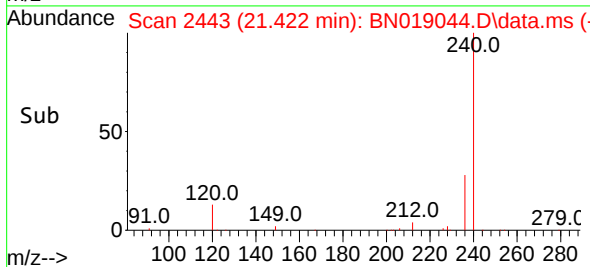
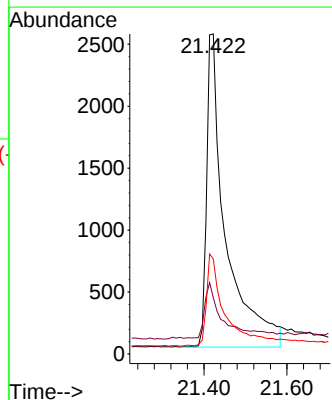
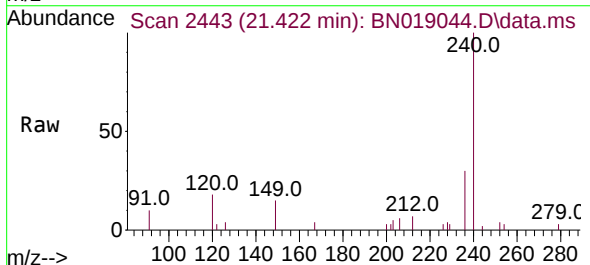
Instrument :
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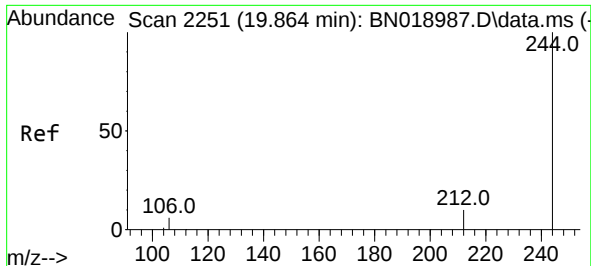
Tgt Ion:212 Resp: 11749
Ion Ratio Lower Upper
212 100
106 15.3 12.7 19.1
104 8.6 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN019044.D
Acq: 22 Mar 2022 05:18

Tgt Ion:240 Resp: 8053
Ion Ratio Lower Upper
240 100
120 17.6 8.5 12.7#
236 29.7 22.4 33.6

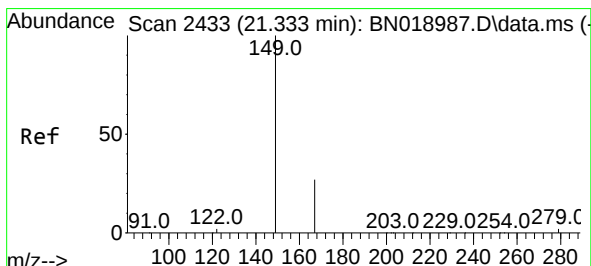
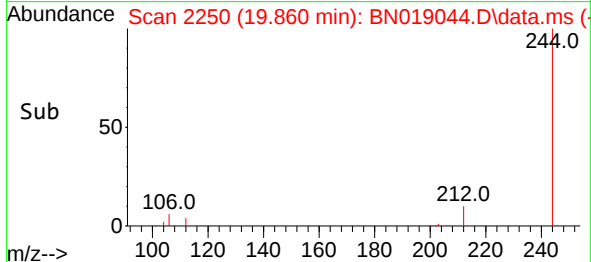
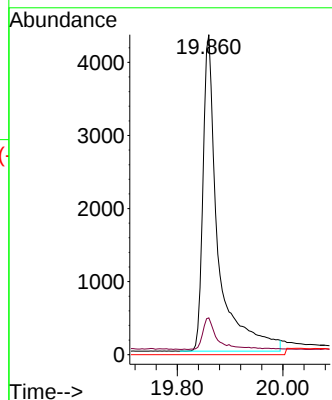
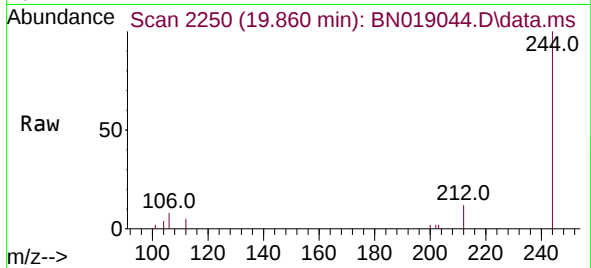




#31
 Terphenyl-d14
 Concen: 0.437 ng
 RT: 19.860 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN019044.D
 Acq: 22 Mar 2022 05:18

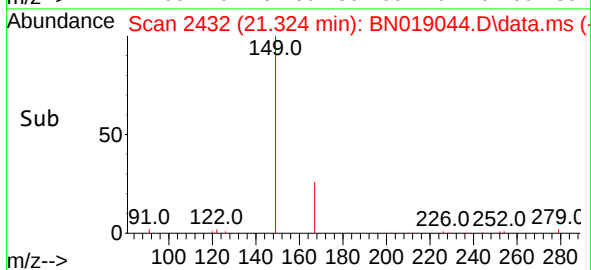
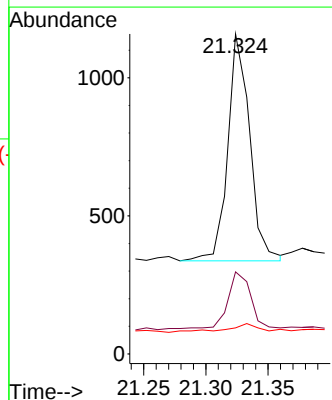
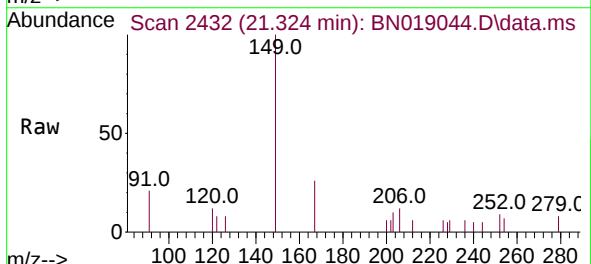
Instrument :
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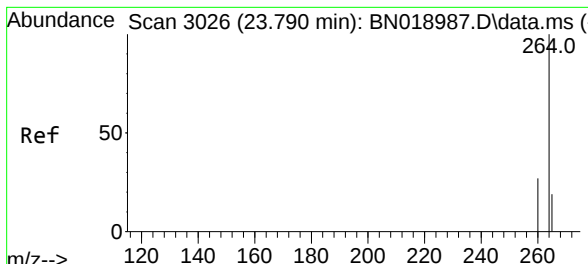
Tgt Ion:244 Resp: 8642
 Ion Ratio Lower Upper
 244 100
 212 11.5 8.2 12.4
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.061 ng
 RT: 21.324 min Scan# 2432
 Delta R.T. -0.009 min
 Lab File: BN019044.D
 Acq: 22 Mar 2022 05:18

Tgt Ion:149 Resp: 1007
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.8 32.8
 279 6.4 2.0 3.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.785 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BN019044.D
 Acq: 22 Mar 2022 05:18

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20220315

Tgt Ion:264 Resp: 7389

Ion	Ratio	Lower	Upper
264	100		
260	28.9	22.4	33.6
265	46.8	25.3	37.9

