

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033121\
 Data File : BN014149.D
 Acq On : 31 Mar 2021 18:52
 Operator : CG/JU
 Sample : M1842-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D3-20210323

Quant Time: Apr 01 01:24:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 12:15:38 2021
 Response via : Initial Calibration

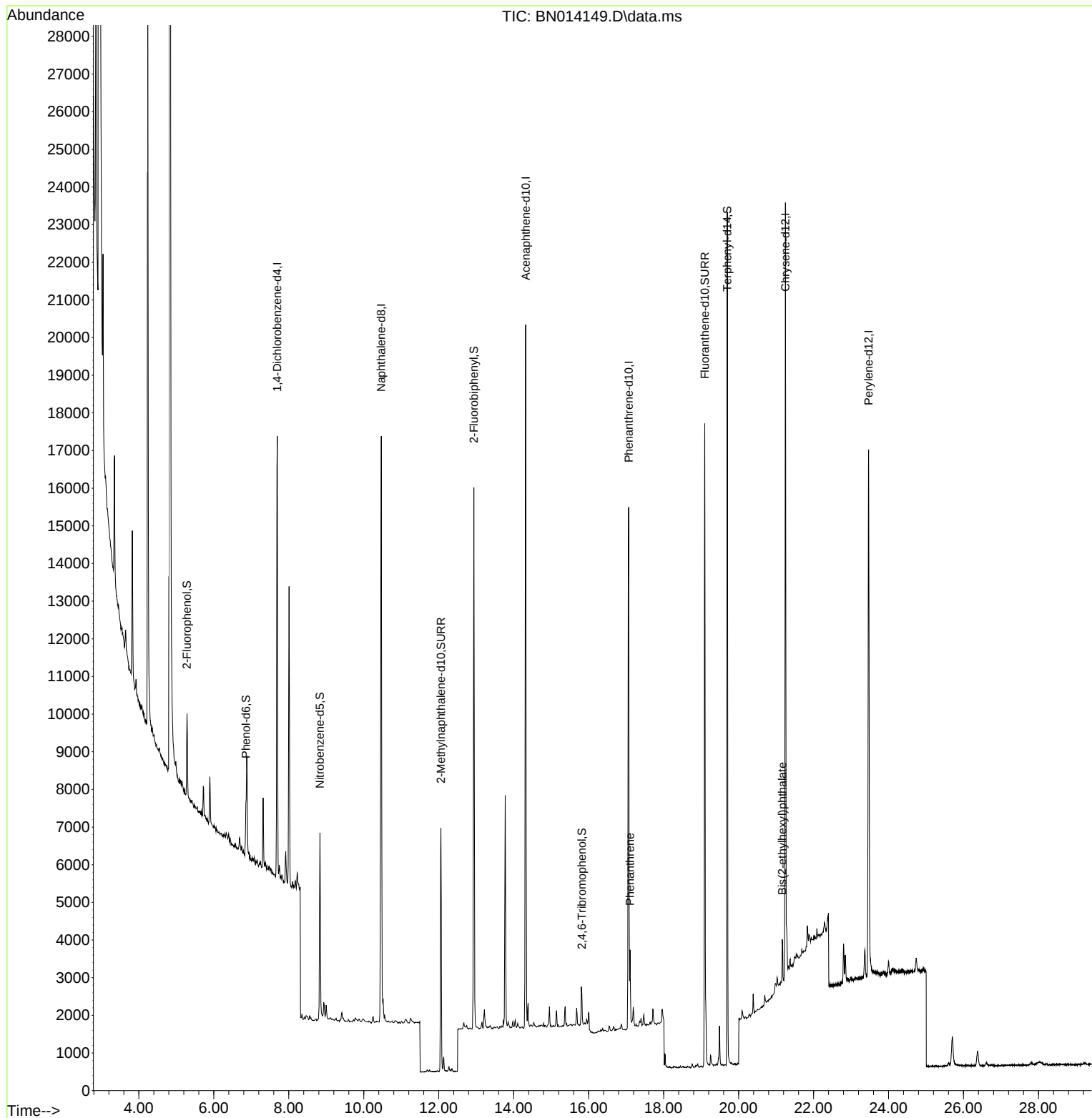
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	5643	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	20790	0.40	ng	# 0.00
13) Acenaphthene-d10	14.321	164	10779	0.40	ng	0.00
19) Phenanthrene-d10	17.068	188	20628	0.40	ng	0.00
29) Chrysene-d12	21.250	240	18925	0.40	ng	0.00
36) Perylene-d12	23.469	264	19130	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	1645	0.11	ng	0.00
5) Phenol-d6	6.855	99	1104	0.06	ng	0.00
8) Nitrobenzene-d5	8.832	82	3944	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.057	152	8717	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	820	0.24	ng	0.01
15) 2-Fluorobiphenyl	12.938	172	11979	0.30	ng	0.00
27) Fluoranthene-d10	19.099	212	19905	0.37	ng	0.00
31) Terphenyl-d14	19.700	244	23186	0.53	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.104	178	1997	0.04	ng	98
34) Bis(2-ethylhexyl)phtha...	21.165	149	1263	0.08	ng	# 98

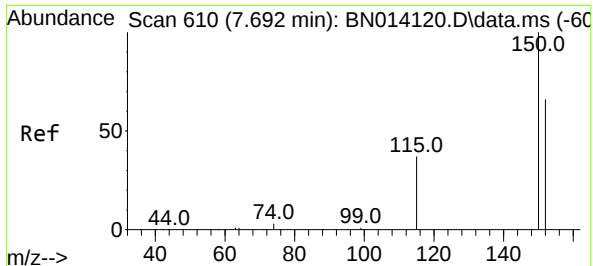
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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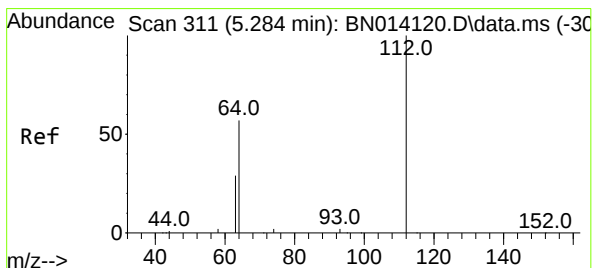
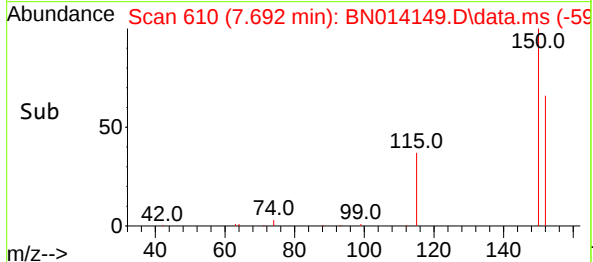
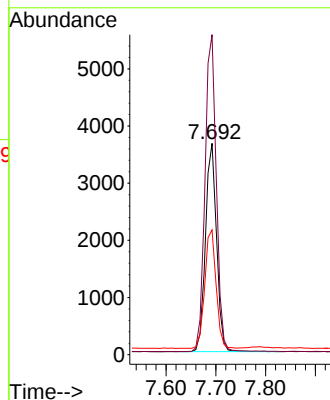
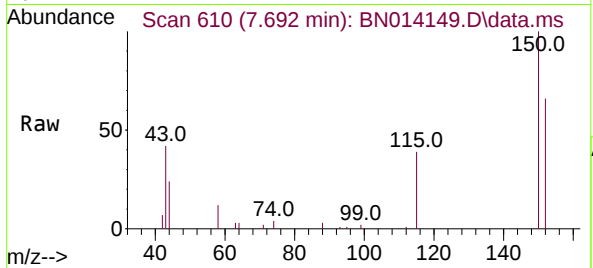




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.692 min Scan# 610
Delta R.T. 0.008 min
Lab File: BN014149.D
Acq: 31 Mar 2021 18:52

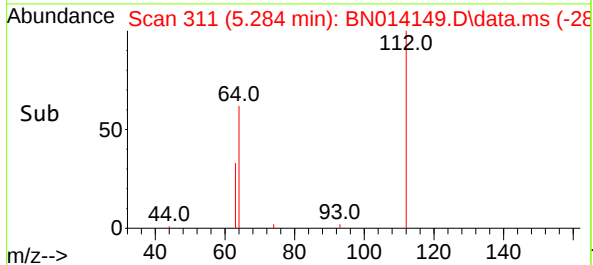
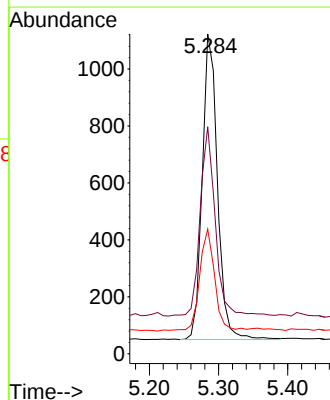
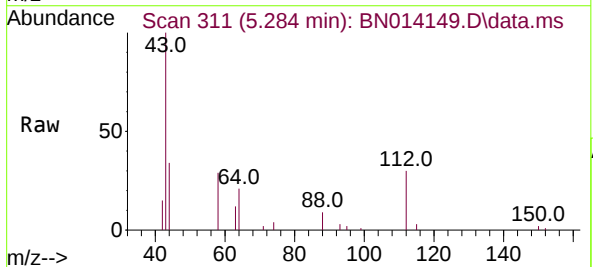
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BNA_N
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RE104D3-20210323

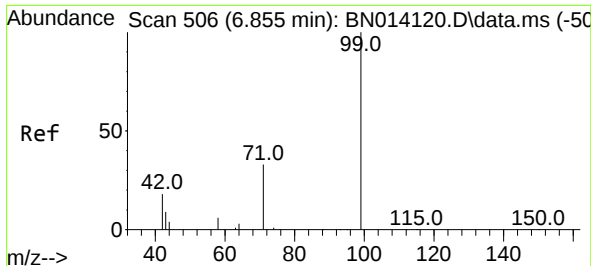
Tgt Ion:152 Resp: 5643
Ion Ratio Lower Upper
152 100
150 151.4 121.2 181.8
115 59.0 46.2 69.2



#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.284 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN014149.D
Acq: 31 Mar 2021 18:52

Tgt Ion:112 Resp: 1645
Ion Ratio Lower Upper
112 100
64 62.3 48.3 72.5
63 33.4 25.4 38.0

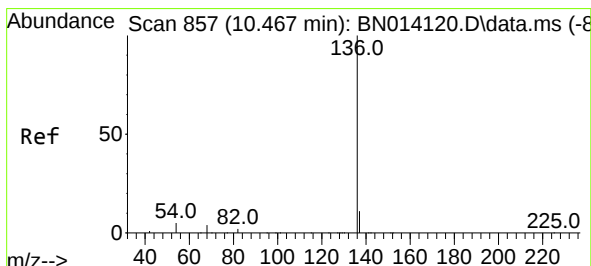
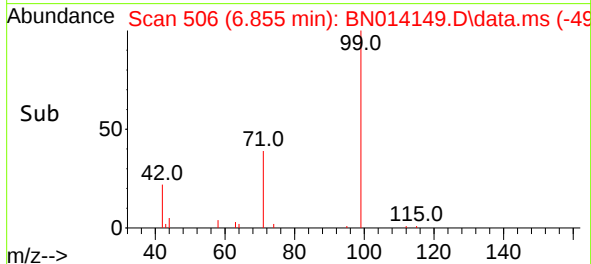
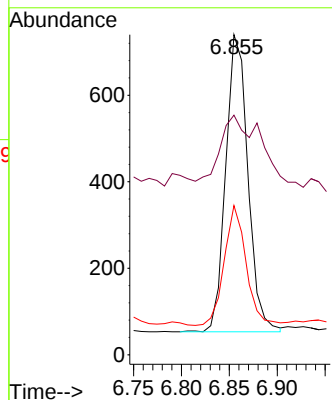
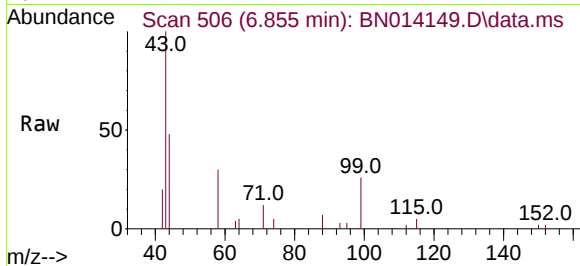




#5
Phenol-d6
Concen: 0.06 ng
RT: 6.855 min Scan# 506
Delta R.T. -0.000 min
Lab File: BN014149.D
Acq: 31 Mar 2021 18:52

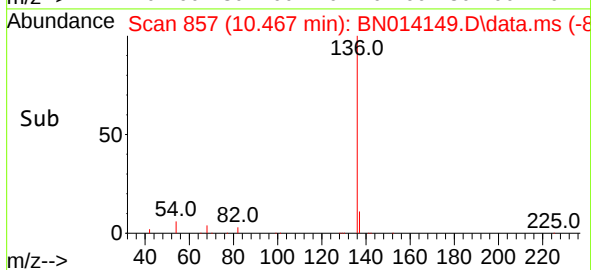
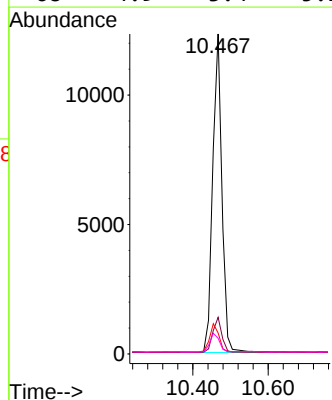
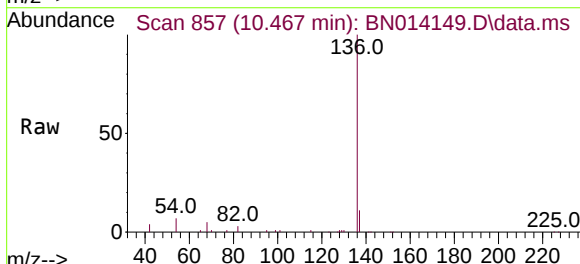
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BNA_N
ClientSampleId :
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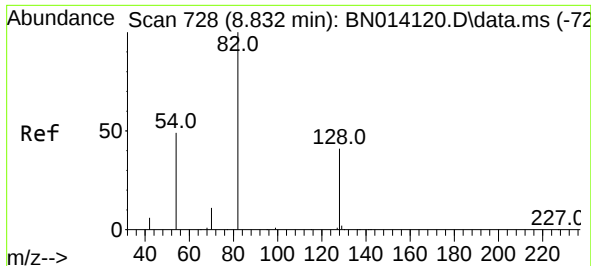
Tgt Ion: 99 Resp: 1104
Ion Ratio Lower Upper
99 100
42 46.2 18.2 27.4#
71 40.0 26.7 40.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014149.D
Acq: 31 Mar 2021 18:52

Tgt Ion:136 Resp: 20790
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 6.6 4.3 6.5#
68 4.9 3.4 5.2

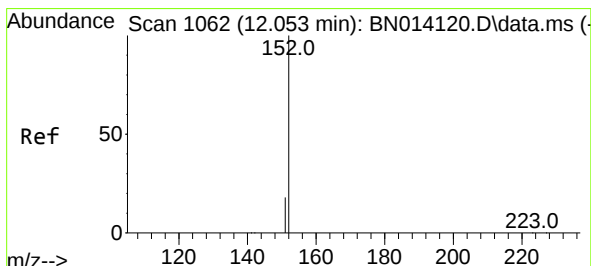
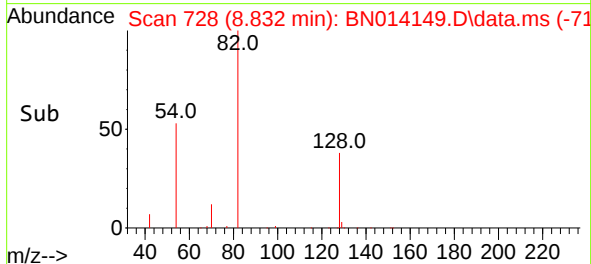
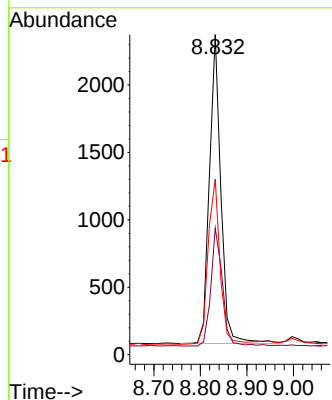
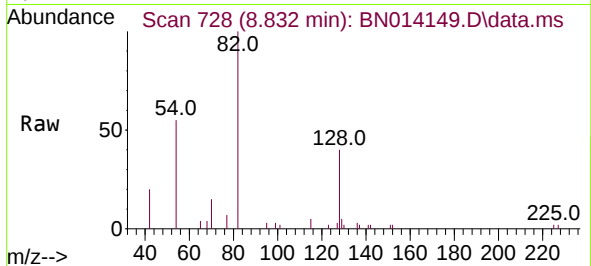




#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014149.D
Acq: 31 Mar 2021 18:52

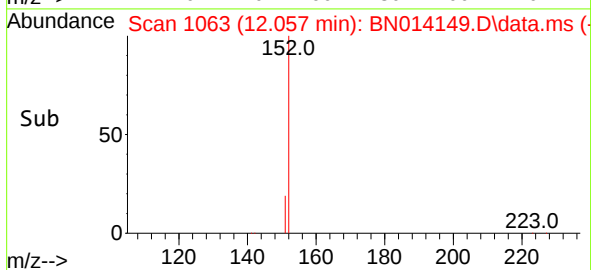
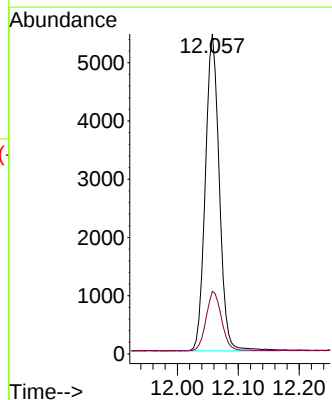
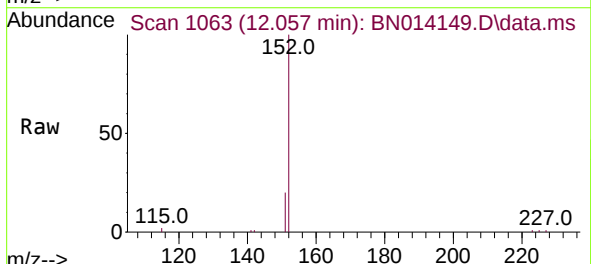
Instrument :
BNA_N
ClientSampleId :
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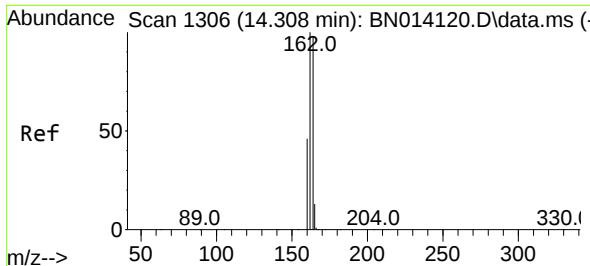
Tgt Ion:	82	Resp:	3944
Ion	Ratio	Lower	Upper
82	100		
128	39.6	33.5	50.3
54	54.8	40.3	60.5



#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.057 min Scan# 1063
Delta R.T. 0.004 min
Lab File: BN014149.D
Acq: 31 Mar 2021 18:52

Tgt Ion:	152	Resp:	8717
Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.1	24.1

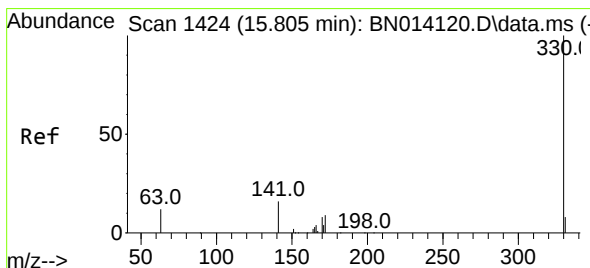
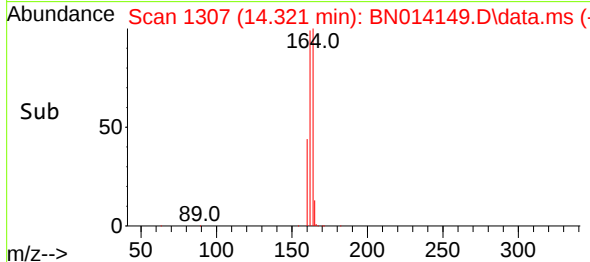
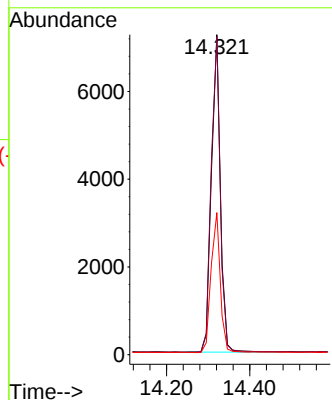
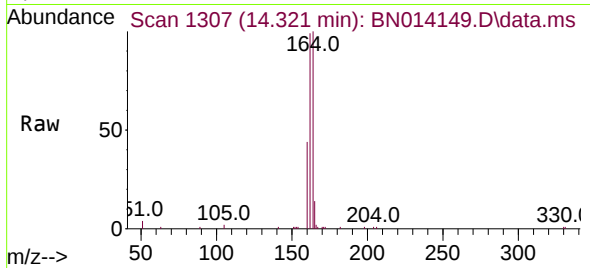




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014149.D
Acq: 31 Mar 2021 18:52

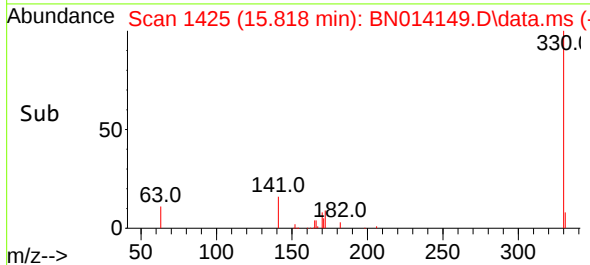
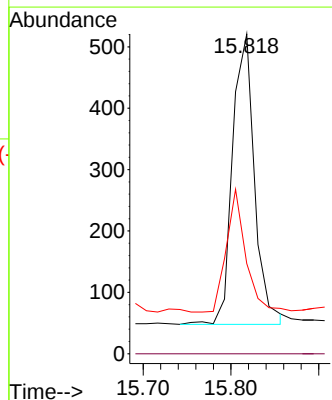
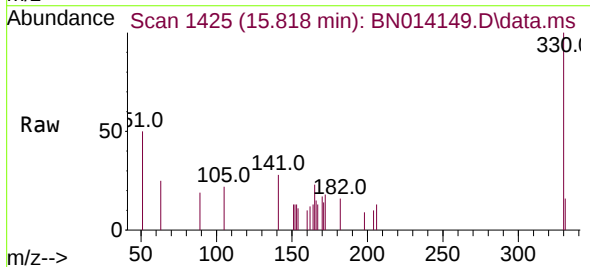
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ClientSampleId :
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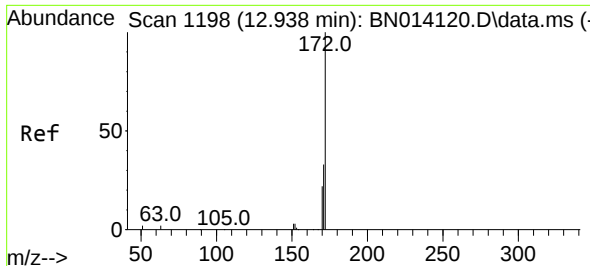
Tgt Ion:164 Resp: 10779
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.2
160 44.4 37.5 56.3



#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.013 min
Lab File: BN014149.D
Acq: 31 Mar 2021 18:52

Tgt Ion:330 Resp: 820
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.3 31.2 46.8

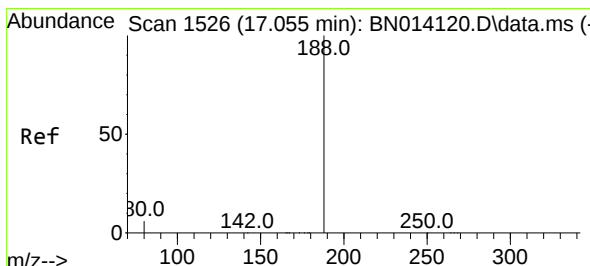
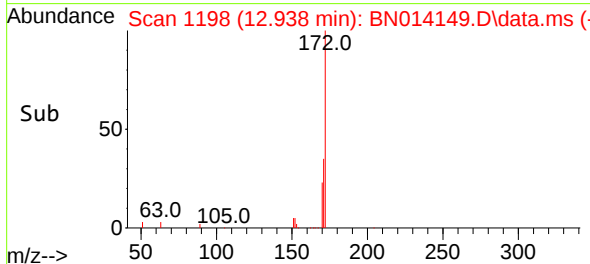
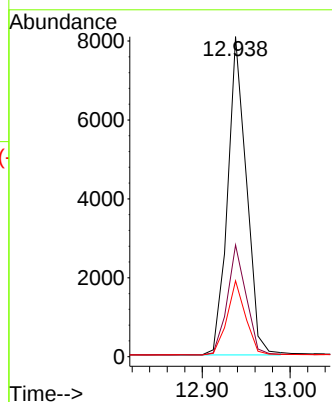
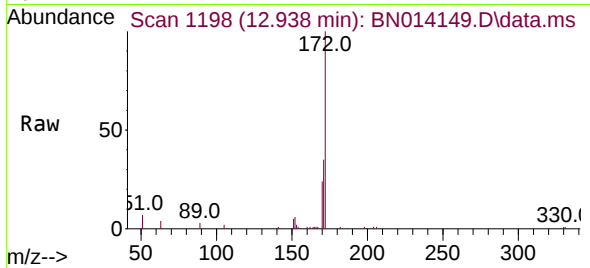




#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014149.D
Acq: 31 Mar 2021 18:52

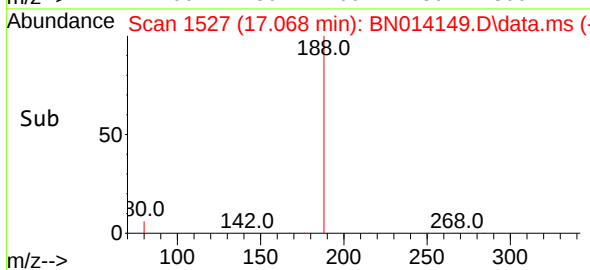
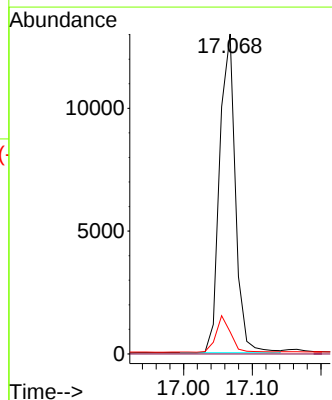
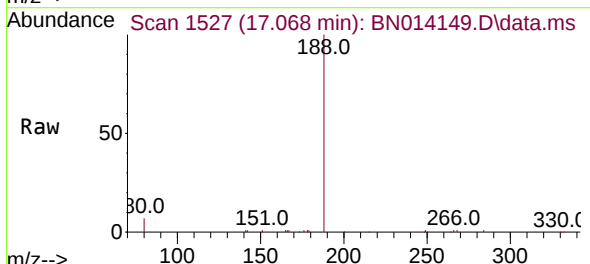
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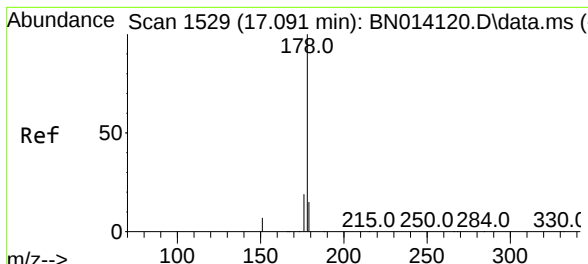
Tgt Ion:	172	Resp:	11979
Ion Ratio	Lower	Upper	
172	100		
171	34.9	26.9	40.3
170	23.7	17.8	26.8



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.068 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BN014149.D
Acq: 31 Mar 2021 18:52

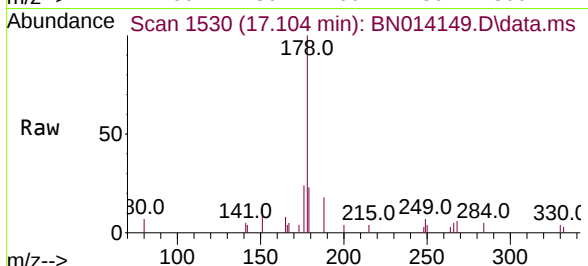
Tgt Ion:	188	Resp:	20628
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.9	5.2	7.8



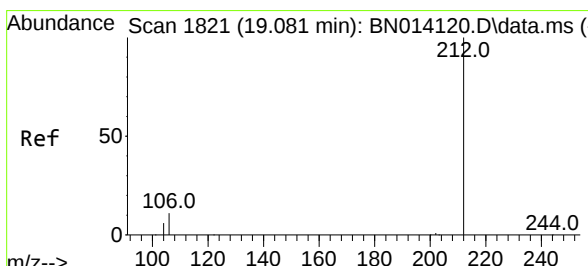
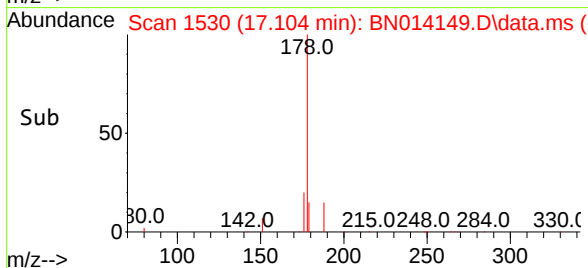
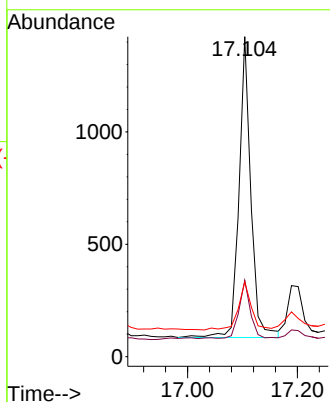


#25
 Phenanthrene
 Concen: 0.04 ng
 RT: 17.104 min Scan# 1530
 Delta R.T. 0.000 min
 Lab File: BN014149.D
 Acq: 31 Mar 2021 18:52

Instrument :
 BNA_N
 ClientSampleId :
 RE104D3-20210323

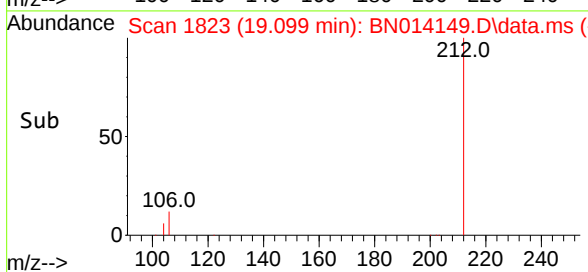
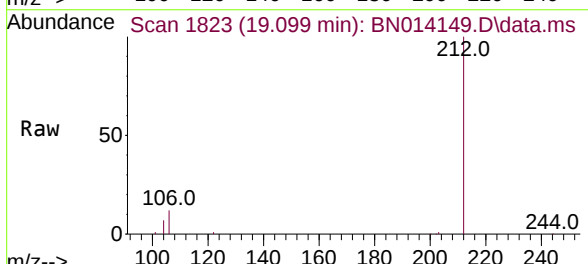
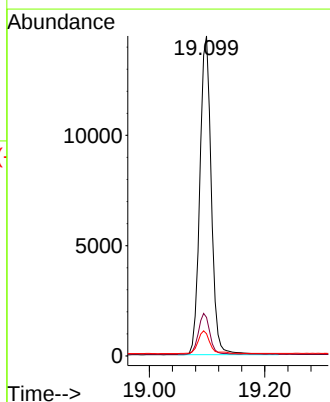


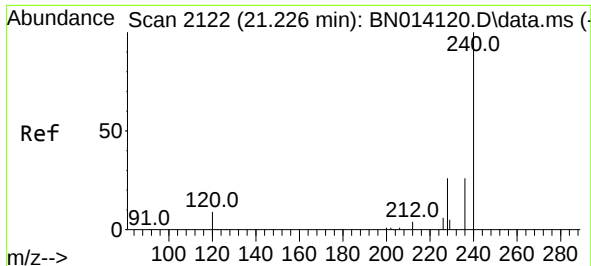
Tgt Ion:	178	Resp:	1997
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.0	22.6
179	17.4	12.4	18.6



#27
 Fluoranthene-d10
 Concen: 0.37 ng
 RT: 19.099 min Scan# 1823
 Delta R.T. 0.003 min
 Lab File: BN014149.D
 Acq: 31 Mar 2021 18:52

Tgt Ion:	212	Resp:	19905
Ion Ratio	Lower	Upper	
212	100		
106	12.7	10.1	15.1
104	7.5	5.5	8.3

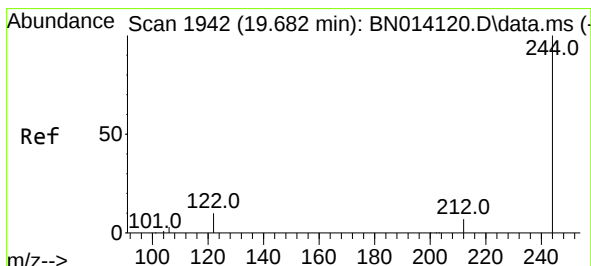
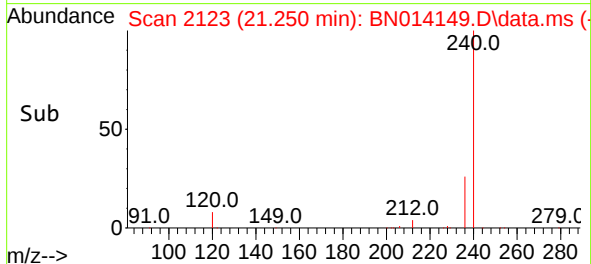
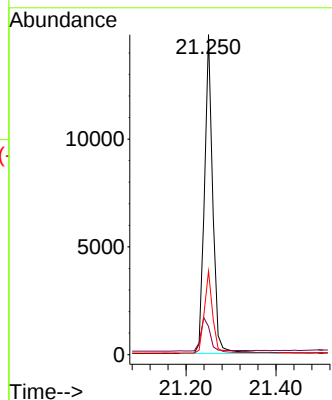
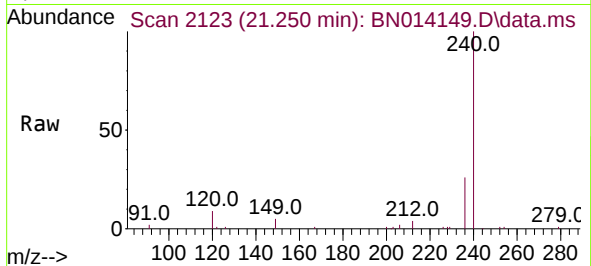




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.250 min Scan# 2123
Delta R.T. 0.003 min
Lab File: BN014149.D
Acq: 31 Mar 2021 18:52

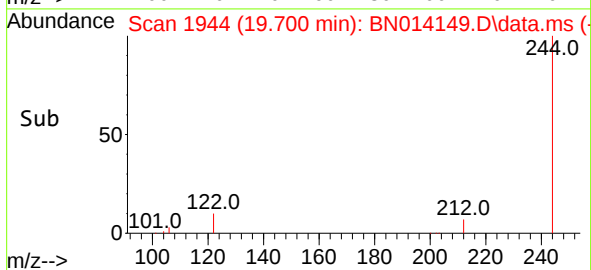
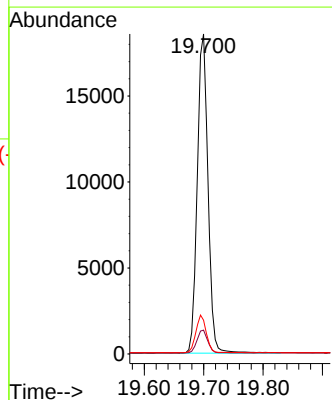
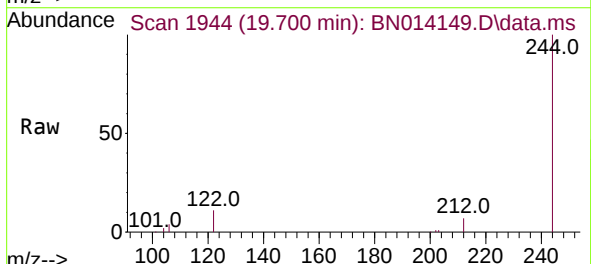
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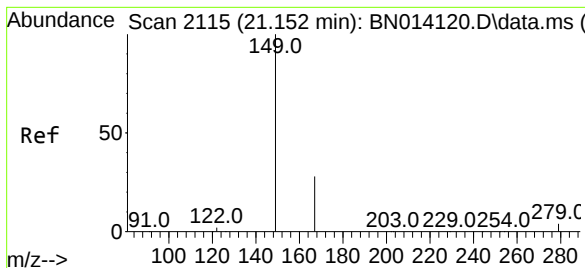
Tgt Ion:240 Resp: 18925
Ion Ratio Lower Upper
240 100
120 8.8 8.4 12.6
236 26.1 21.0 31.6



#31
Terphenyl-d14
Concen: 0.53 ng
RT: 19.700 min Scan# 1944
Delta R.T. 0.003 min
Lab File: BN014149.D
Acq: 31 Mar 2021 18:52

Tgt Ion:244 Resp: 23186
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 10.6 8.6 13.0

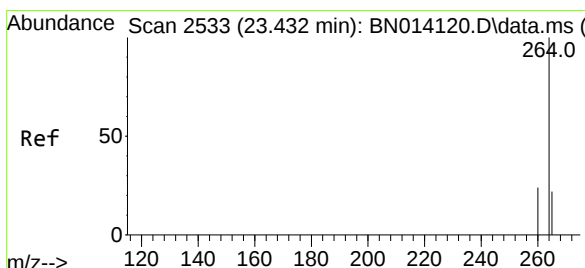
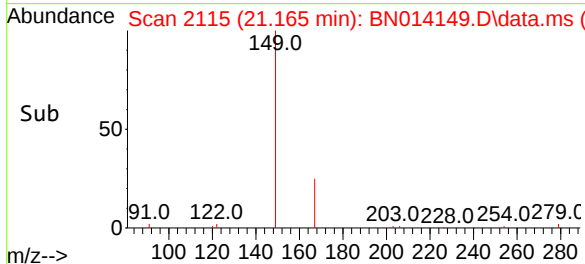
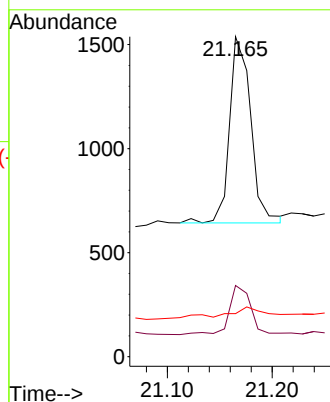
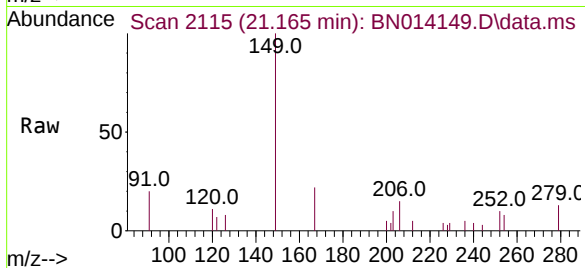




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.08 ng
 RT: 21.165 min Scan# 2115
 Delta R.T. -0.008 min
 Lab File: BN014149.D
 Acq: 31 Mar 2021 18:52

Instrument :
 BNA_N
 ClientSampleId :
 RE104D3-20210323

Tgt Ion:149 Resp: 1263
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.4 32.2
 279 7.9 3.5 5.3#



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.469 min Scan# 2542
 Delta R.T. 0.003 min
 Lab File: BN014149.D
 Acq: 31 Mar 2021 18:52

Tgt Ion:264 Resp: 19130
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.8 29.8
 265 35.5 30.7 46.1

