

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
 Data File : BN016446.D
 Acq On : 24 Sep 2021 20:24
 Operator : CG/JU
 Sample : M3911-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-02-(0.2)

Quant Time: Sep 25 05:06:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 03:35:41 2021
 Response via : Initial Calibration

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

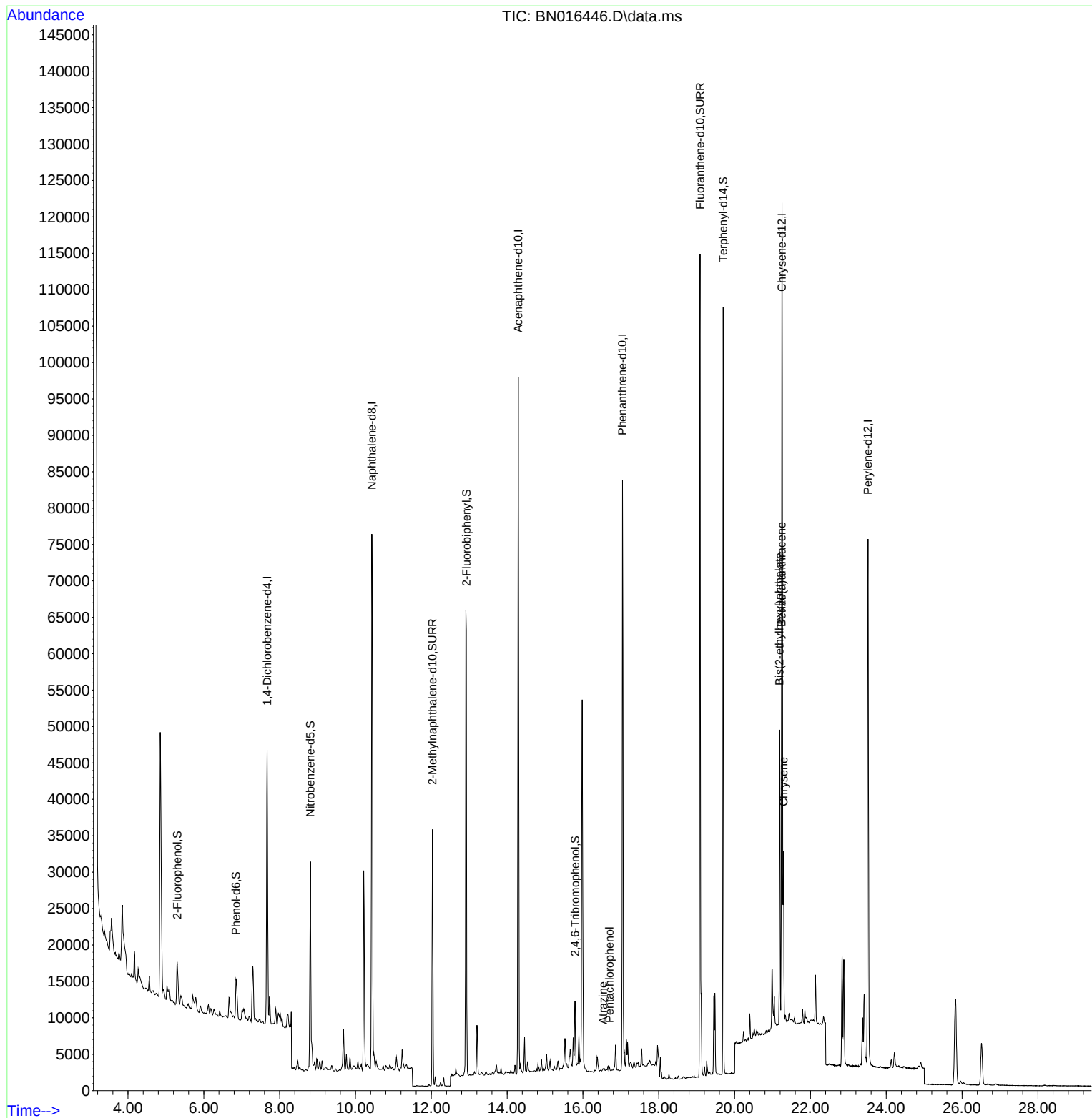
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	22529	0.40	ng	0.00
7) Naphthalene-d8	10.432	136	99892	0.40	ng	#-0.01
13) Acenaphthene-d10	14.294	164	53320	0.40	ng	0.00
19) Phenanthrene-d10	17.042	188	109813	0.40	ng	0.00
29) Chrysene-d12	21.248	240	105607	0.40	ng	# 0.00
35) Perylene-d12	23.518	264	95479	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	7530	0.15	ng	0.02
5) Phenol-d6	6.849	99	5189	0.09	ng	0.00
8) Nitrobenzene-d5	8.809	82	21800	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	47739	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	6230	0.44	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	62153	0.28	ng	0.00
27) Fluoranthene-d10	19.087	212	126373	0.42	ng	0.00
31) Terphenyl-d14	19.698	244	101085	0.41	ng	0.00
Target Compounds						
23) Atrazine	16.530	200	266	0.14	ng	# 37
24) Pentachlorophenol	16.701	266	269	0.25	ng	87
32) Benzo(a)anthracene	21.238	228	19241	0.06	ng	96
33) Chrysene	21.291	228	19320	0.06	ng	97
34) Bis(2-ethylhexyl)phtha...	21.185	149	40449	0.48	ng	98

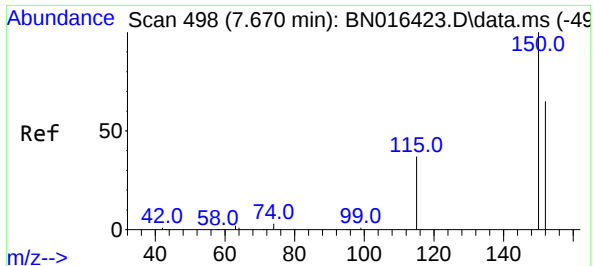
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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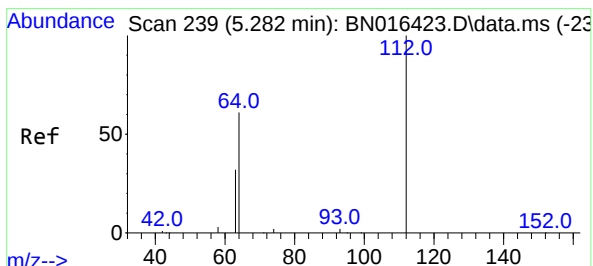
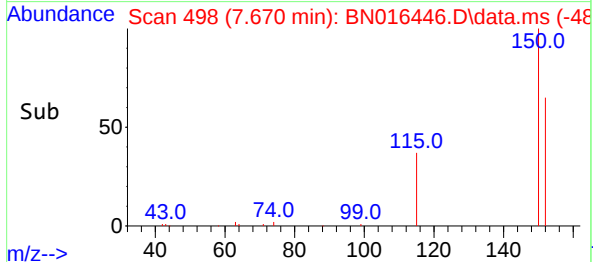
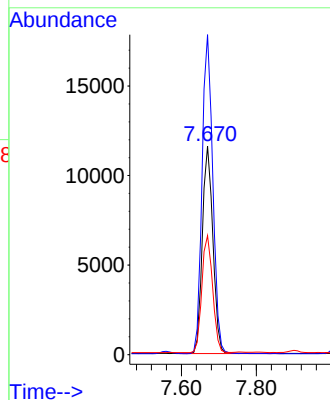
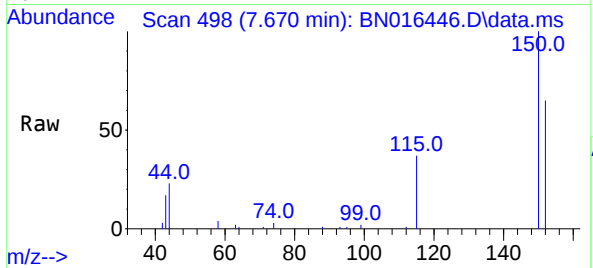




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.670 min Scan# 498
Delta R.T. -0.000 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

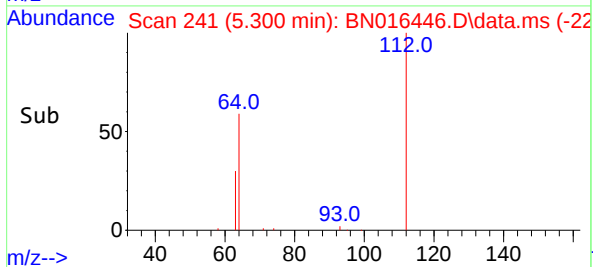
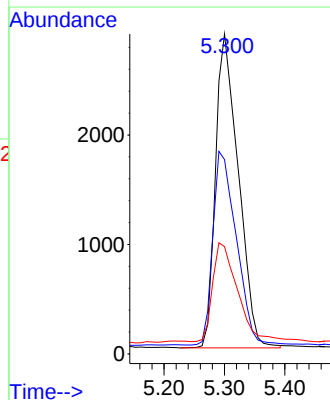
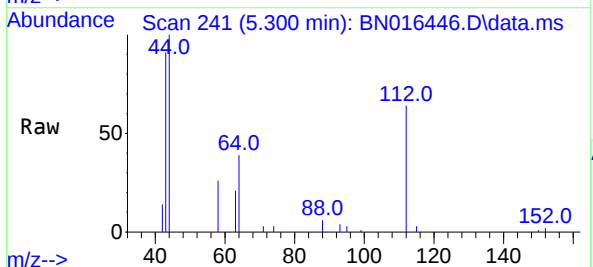
Instrument :
BNA_N
ClientSampleId :
SW-CB-02-(0.2)

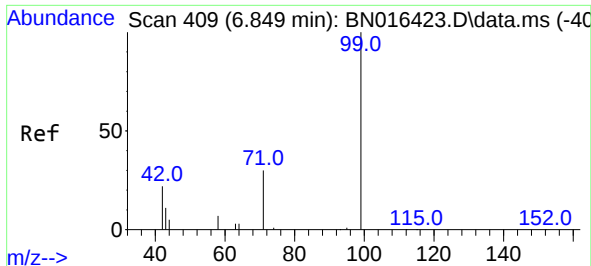
Tgt Ion:152 Resp: 22529
Ion Ratio Lower Upper
152 100
150 153.4 125.6 188.4
115 57.0 50.2 75.2



#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.018 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

Tgt Ion:112 Resp: 7530
Ion Ratio Lower Upper
112 100
64 63.2 47.3 70.9
63 34.0 23.4 35.0

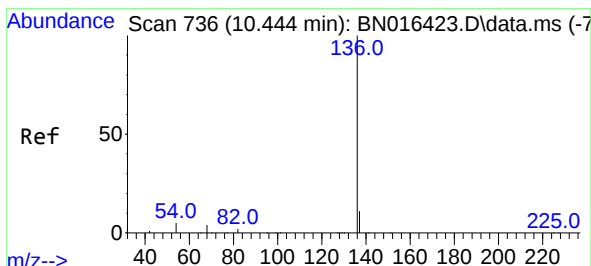
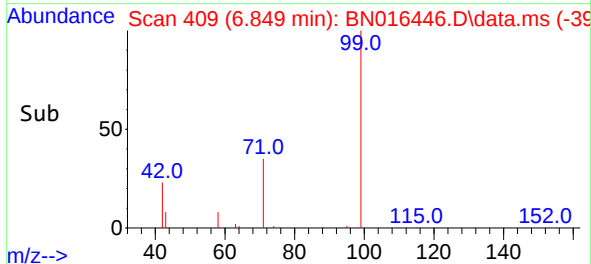
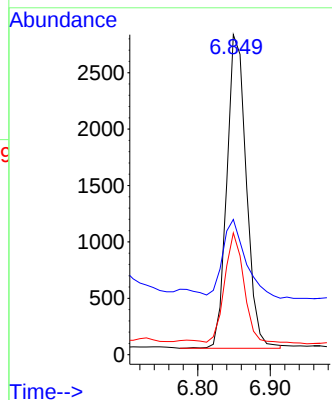
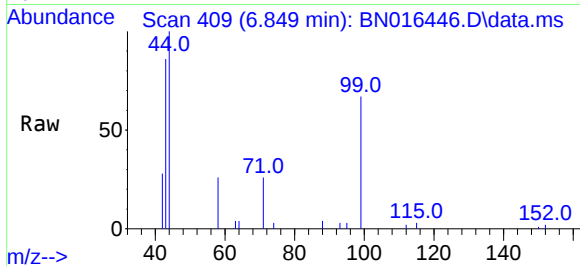




#5
Phenol-d6
Concen: 0.09 ng
RT: 6.849 min Scan# 409
Delta R.T. -0.000 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

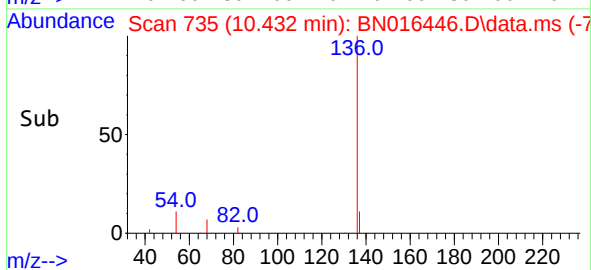
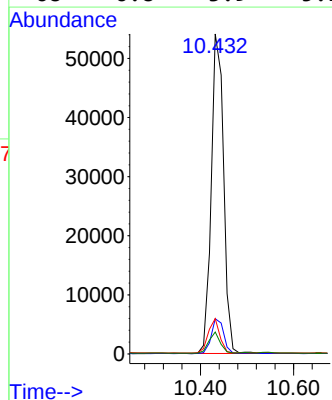
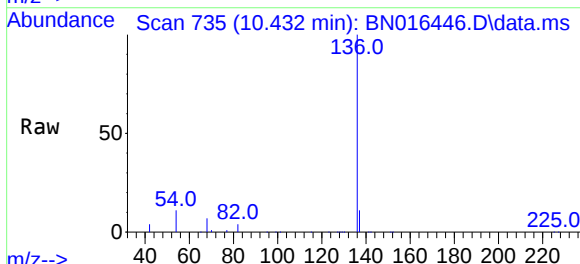
Instrument :
BNA_N
ClientSampleId :
SW-CB-02-(0.2)

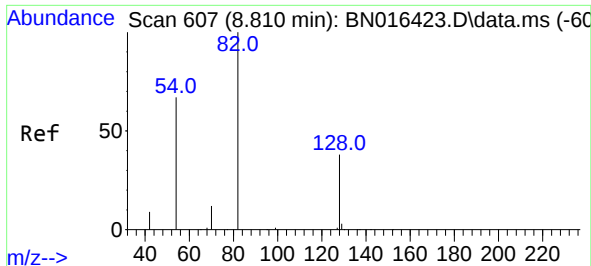
Tgt Ion: 99 Resp: 5189
Ion Ratio Lower Upper
99 100
42 29.8 14.0 21.0#
71 34.0 23.8 35.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

Tgt Ion:136 Resp: 99892
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 11.1 5.3 7.9#
68 6.8 3.9 5.9#

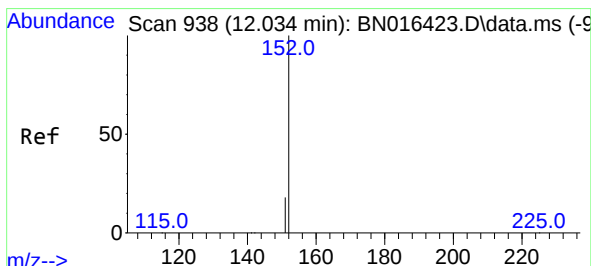
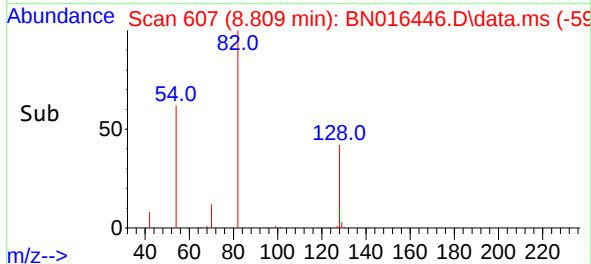
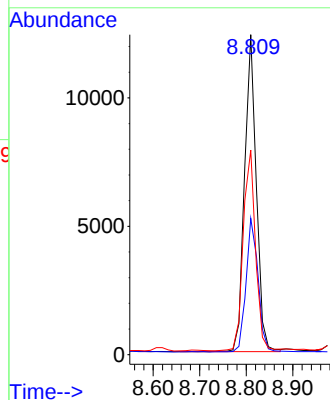
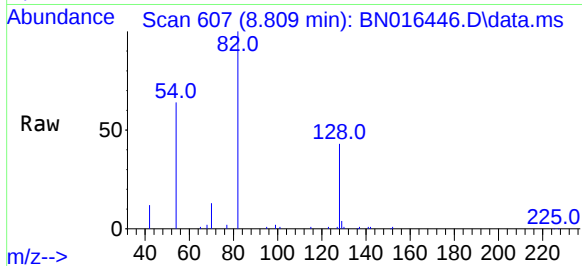




#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.809 min Scan# 607
Delta R.T. -0.000 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

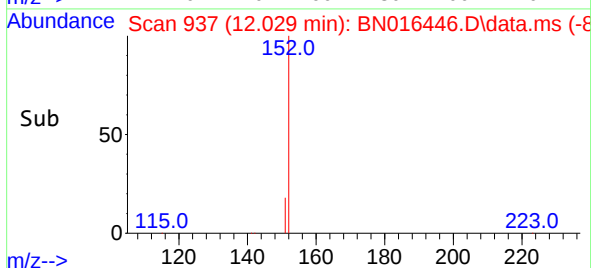
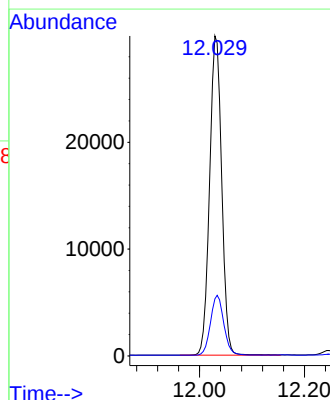
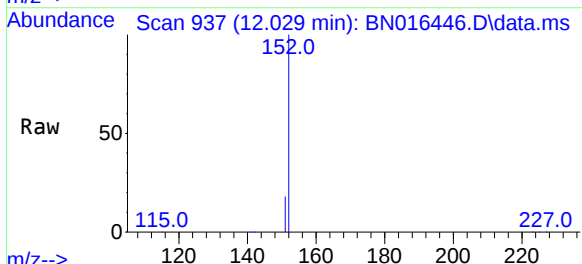
Instrument :
BNA_N
ClientSampleId :
SW-CB-02-(0.2)

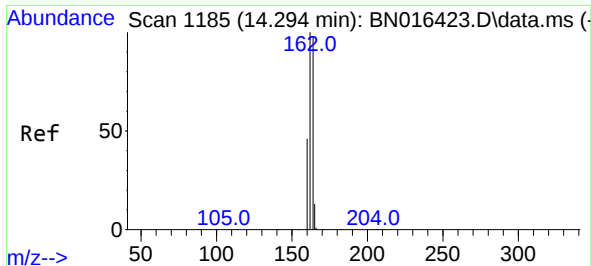
Tgt Ion: 82 Resp: 21800
Ion Ratio Lower Upper
82 100
128 42.6 31.7 47.5
54 63.9 46.4 69.6



#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.005 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

Tgt Ion: 152 Resp: 47739
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1

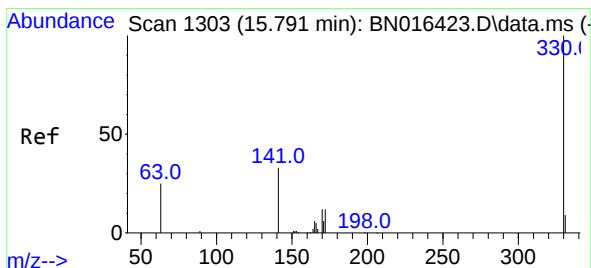
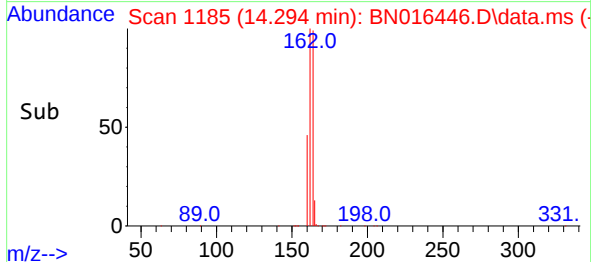
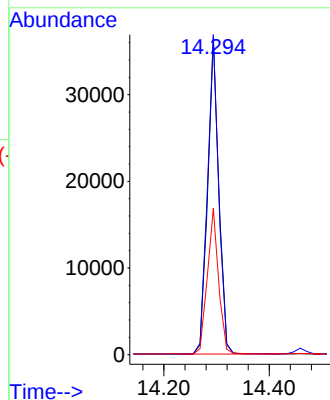
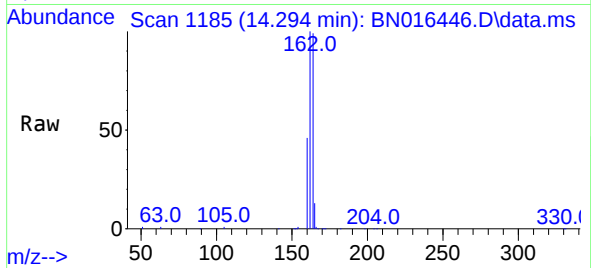




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

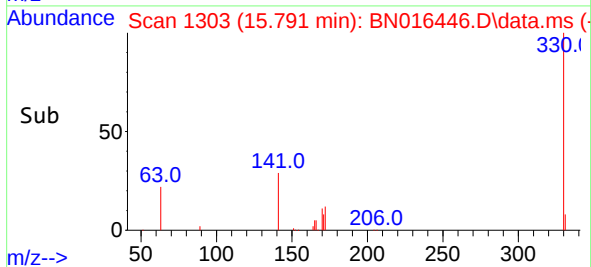
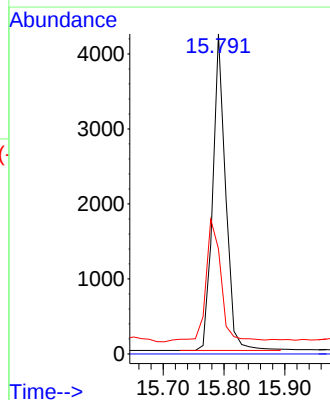
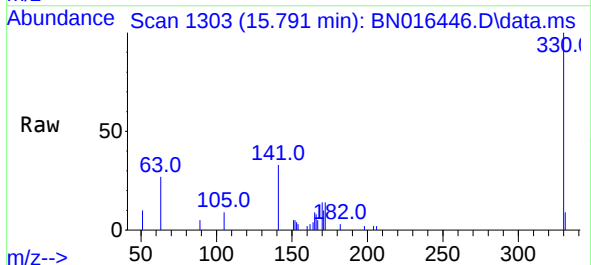
Instrument :
BNA_N
ClientSampleId :
SW-CB-02-(0.2)

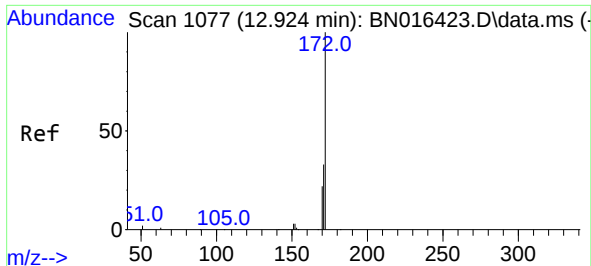
Tgt Ion:164 Resp: 53320
Ion Ratio Lower Upper
164 100
162 101.1 79.0 118.4
160 46.2 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.44 ng
RT: 15.791 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

Tgt Ion:330 Resp: 6230
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.2 25.0 37.4#

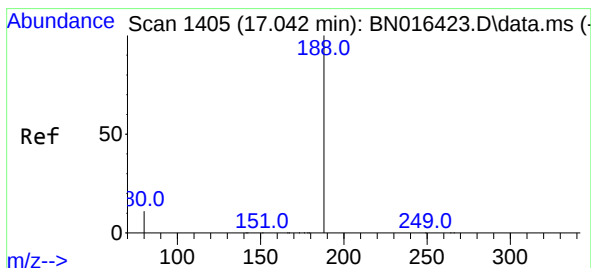
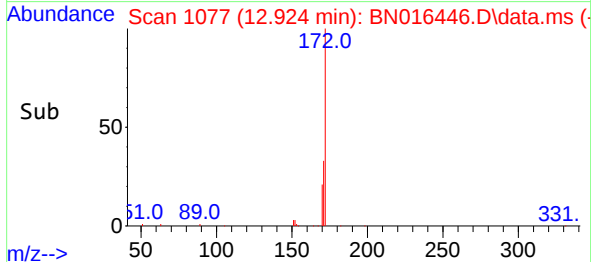
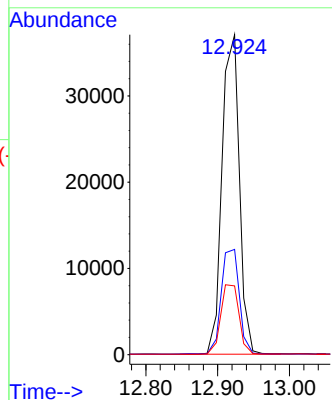
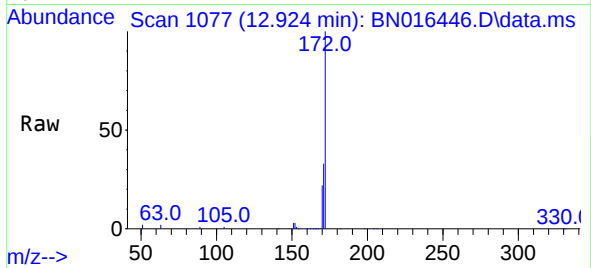




#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

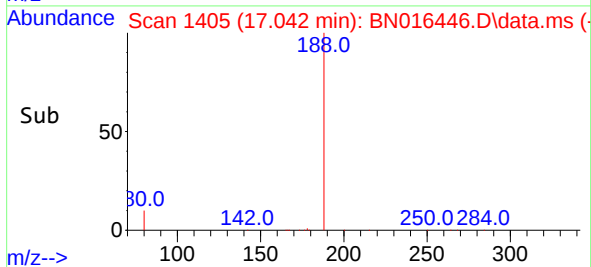
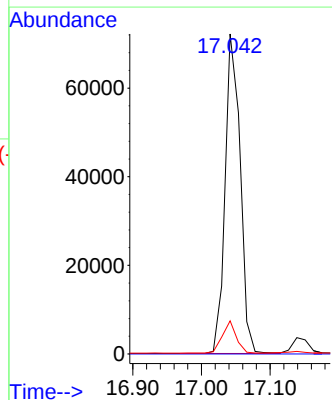
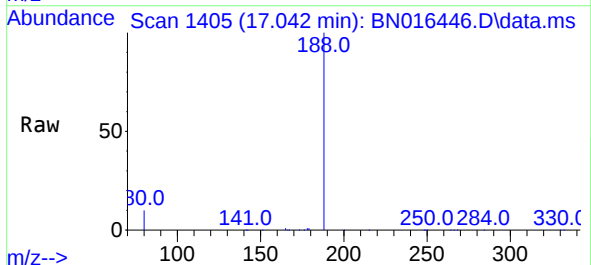
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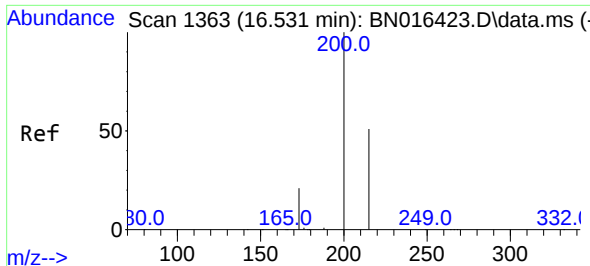
Tgt Ion:	172	Resp:	62153
Ion	Ratio	Lower	Upper
172	100		
171	32.9	27.8	41.6
170	21.5	18.2	27.2



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

Tgt Ion:	188	Resp:	109813
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	7.0	10.6

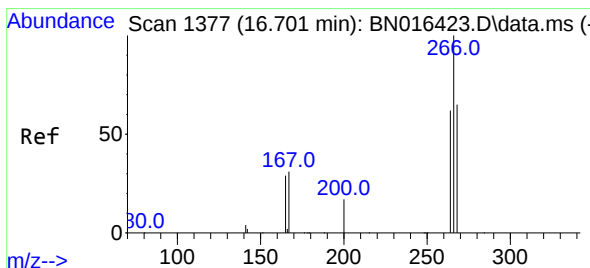
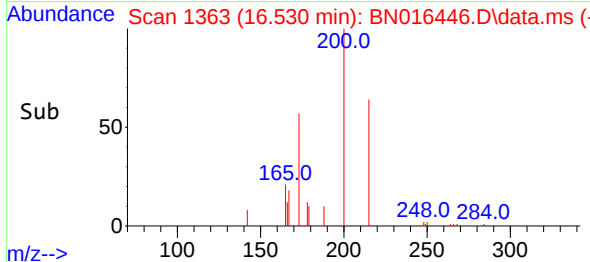
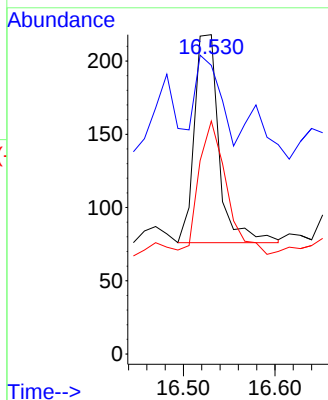
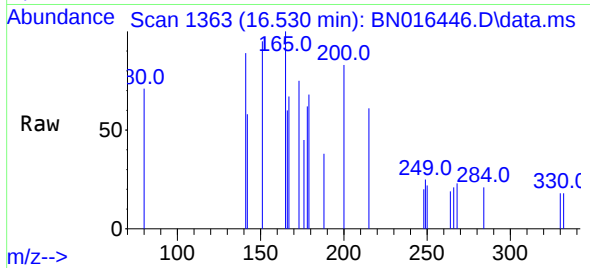




#23
Atrazine
Concen: 0.14 ng
RT: 16.530 min Scan# 1363
Delta R.T. -0.001 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

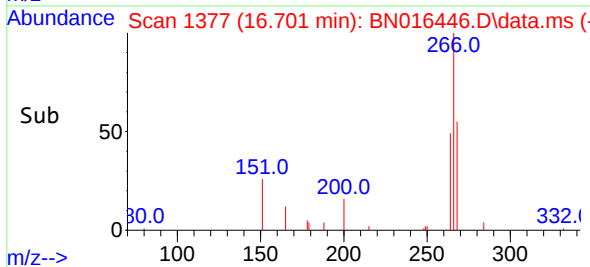
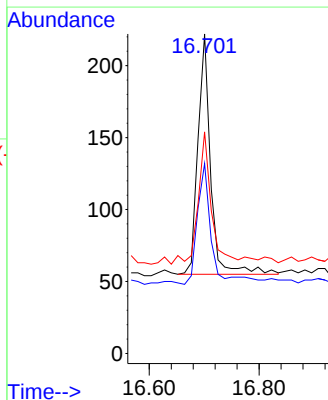
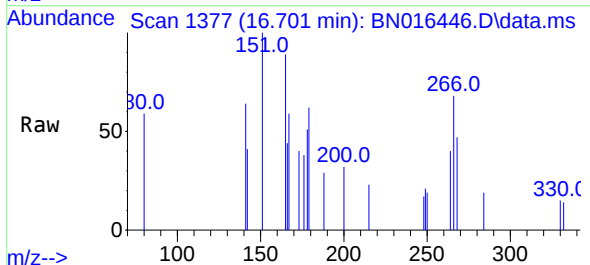
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SW-CB-02-(0.2)

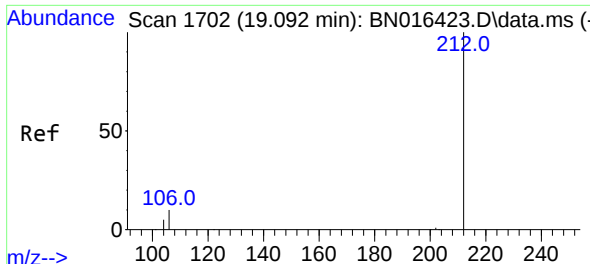
Tgt Ion:200 Resp: 266
Ion Ratio Lower Upper
200 100
173 90.4 18.7 28.1#
215 72.9 41.6 62.4#



#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.701 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

Tgt Ion:266 Resp: 269
Ion Ratio Lower Upper
266 100
264 51.3 50.6 75.8
268 56.9 52.6 79.0



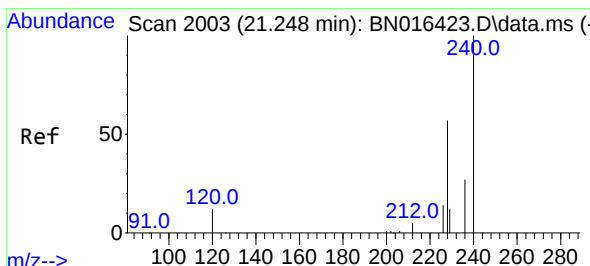
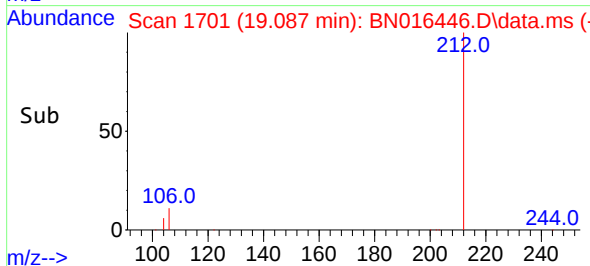
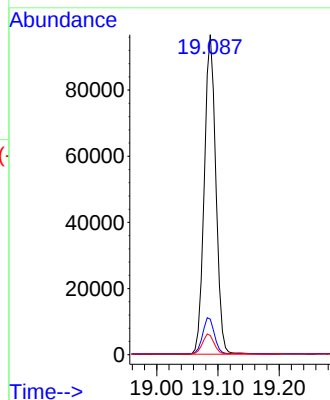
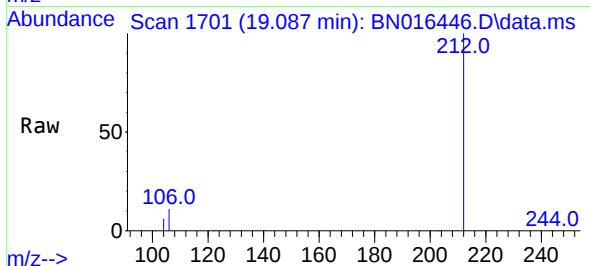


#27
Fluoranthene-d10
Concen: 0.42 ng
RT: 19.087 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

Instrument :
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ClientSampleId :
SW-CB-02-(0.2)

Tgt Ion:212 Resp: 126373

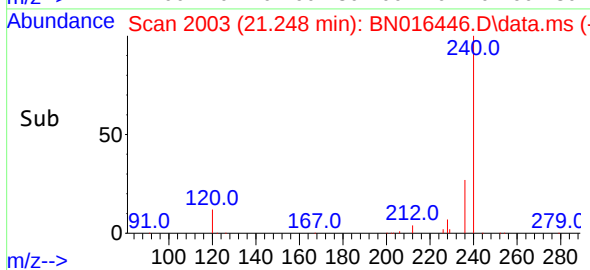
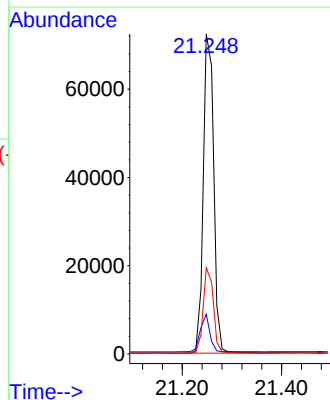
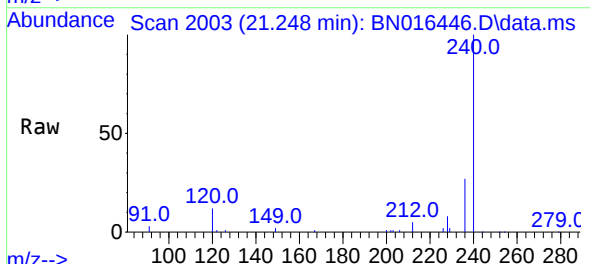
Ion	Ratio	Lower	Upper
212	100		
106	11.4	9.8	14.6
104	6.3	5.4	8.2

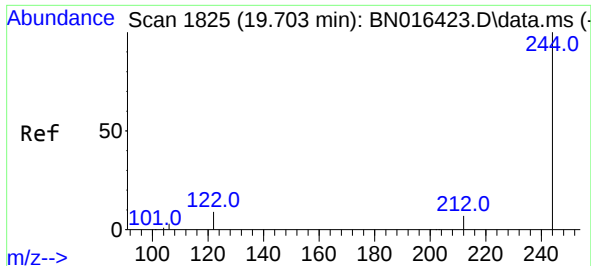


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.248 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

Tgt Ion:240 Resp: 105607

Ion	Ratio	Lower	Upper
240	100		
120	12.4	5.3	7.9#
236	27.0	19.8	29.8

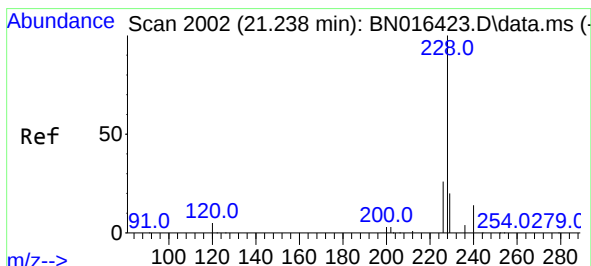
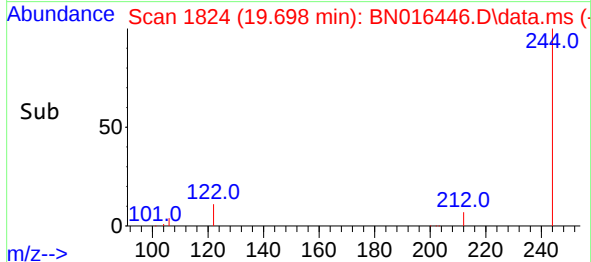
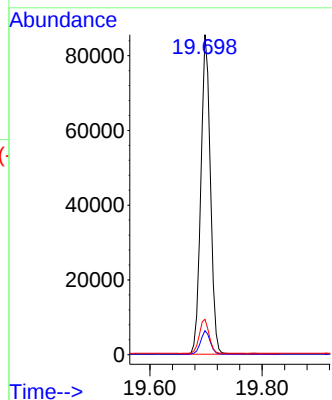
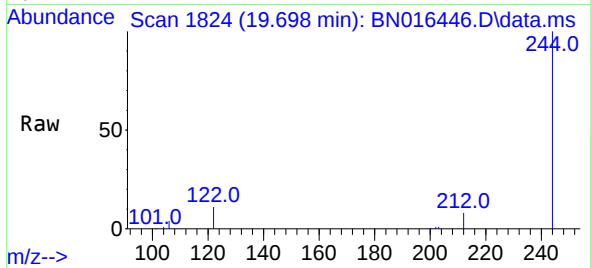




#31
 Terphenyl-d14
 Concen: 0.41 ng
 RT: 19.698 min Scan# 1824
 Delta R.T. -0.005 min
 Lab File: BN016446.D
 Acq: 24 Sep 2021 20:24

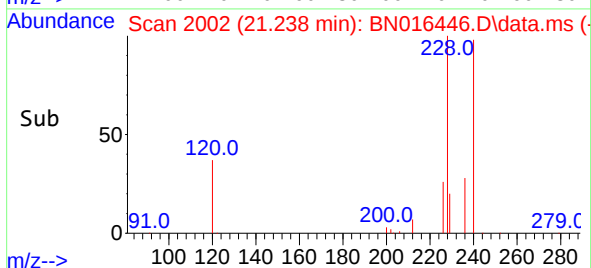
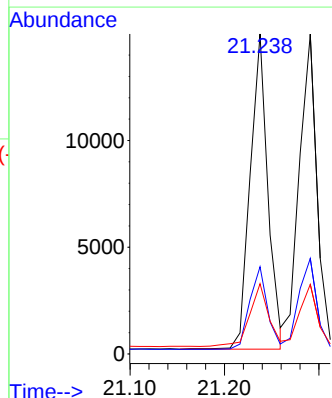
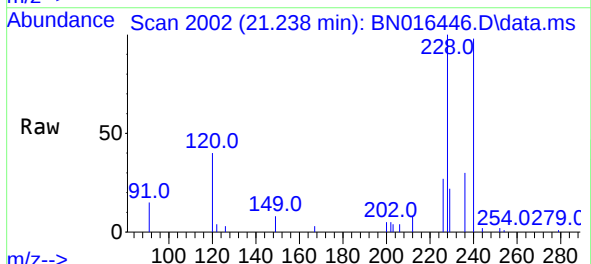
Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-02-(0.2)

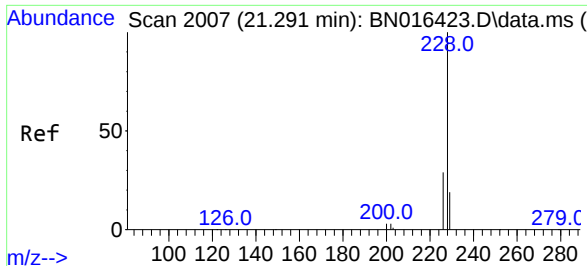
Tgt Ion:244 Resp: 101085
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.5 8.3
 122 11.0 9.0 13.4



#32
 Benzo(a)anthracene
 Concen: 0.06 ng
 RT: 21.238 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: BN016446.D
 Acq: 24 Sep 2021 20:24

Tgt Ion:228 Resp: 19241
 Ion Ratio Lower Upper
 228 100
 226 27.2 20.8 31.2
 229 21.9 15.8 23.6

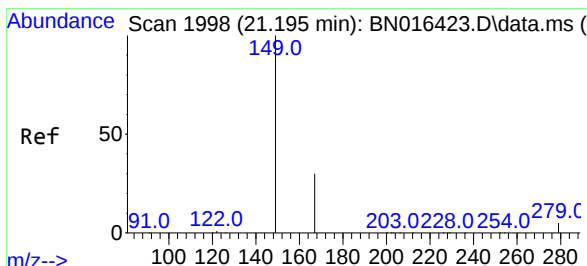
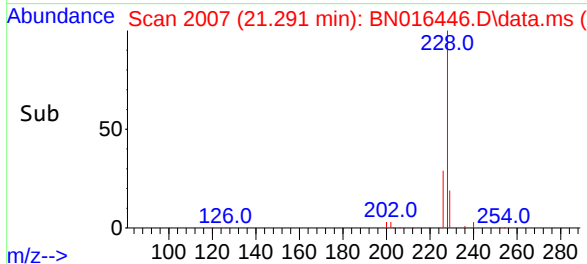
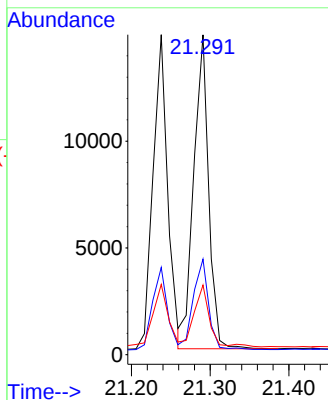
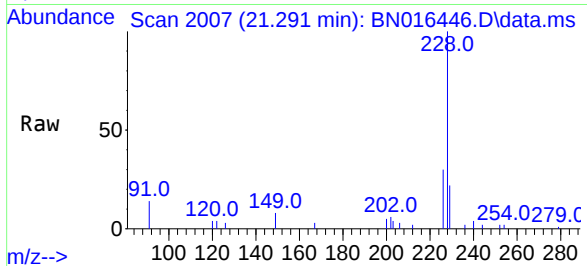




#33
Chrysene
Concen: 0.06 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

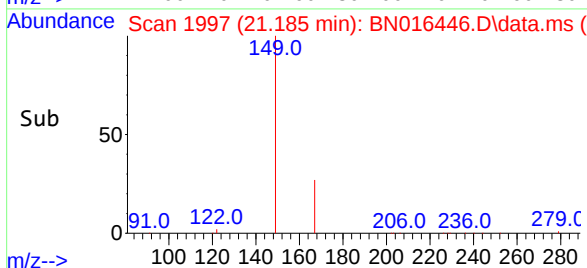
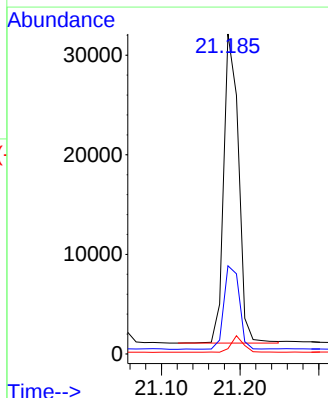
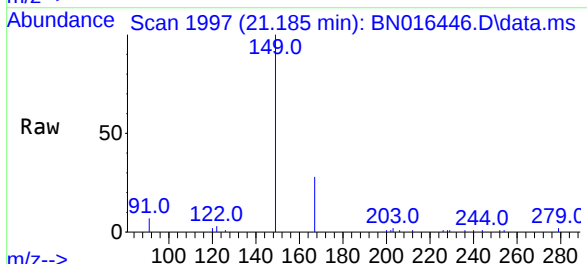
Instrument :
BNA_N
ClientSampleId :
SW-CB-02-(0.2)

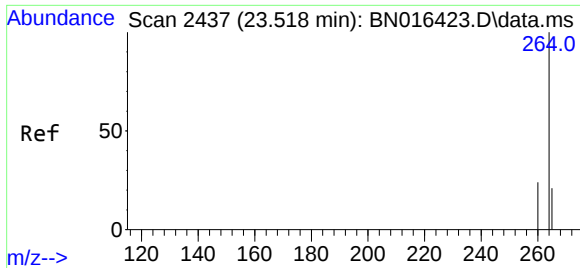
Tgt Ion:	228	Resp:	19320
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.0	34.4
229	21.8	15.6	23.4



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.48 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.011 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

Tgt Ion:	149	Resp:	40449
Ion Ratio	Lower	Upper	
149	100		
167	28.0	23.4	35.0
279	4.5	3.9	5.9





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.518 min Scan# 2437
 Delta R.T. -0.000 min
 Lab File: BN016446.D
 Acq: 24 Sep 2021 20:24

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-02-(0.2)

Tgt Ion:264	Resp:	95479
Ion Ratio	Lower	Upper
264	100	
260	24.7	18.9 28.3
265	24.3	23.7 35.5

