

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093021\
 Data File : BN016592.D
 Acq On : 30 Sep 2021 02:55
 Operator : CG/JU
 Sample : M3953-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 P287-DITCH

Quant Time: Sep 30 06:12:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN093021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 30 02:08:37 2021
 Response via : Initial Calibration

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

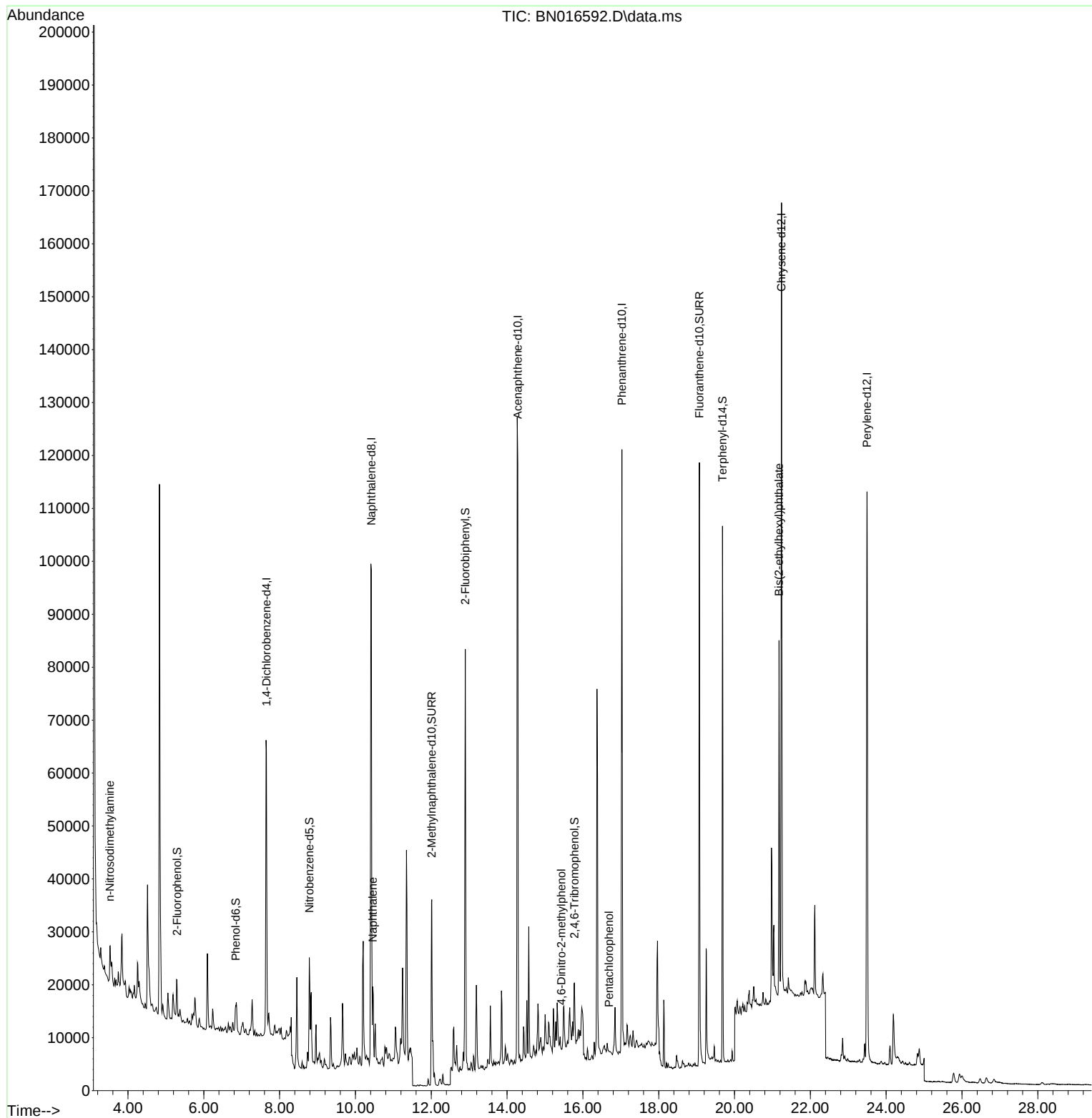
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	31330	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	144719	0.400	ng	0.00
13) Acenaphthene-d10	14.282	164	77717	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	142600	0.400	ng	0.00
29) Chrysene-d12	21.238	240	134532	0.400	ng	# 0.00
35) Perylene-d12	23.495	264	145549	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	7822	0.097	ng	0.03
5) Phenol-d6	6.840	99	5033	0.059	ng	0.00
8) Nitrobenzene-d5	8.785	82	17892	0.197	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	48744	0.230	ng	0.00
14) 2,4,6-Tribromophenol	15.779	330	10792	0.305	ng	0.00
15) 2-Fluorobiphenyl	12.899	172	64036	0.201	ng	0.00
27) Fluoranthene-d10	19.073	212	123160	0.315	ng	0.00
31) Terphenyl-d14	19.684	244	95307	0.326	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.521	42	2436	0.103	ng	# 1
9) Naphthalene	10.457	128	20043	0.050	ng	97
20) 4,6-Dinitro-2-methylph...	15.436	198	42	0.202	ng	# 1
24) Pentachlorophenol	16.689	266	185	0.147	ng	96
34) Bis(2-ethylhexyl)phtha...	21.174	149	58721	0.388	ng	99

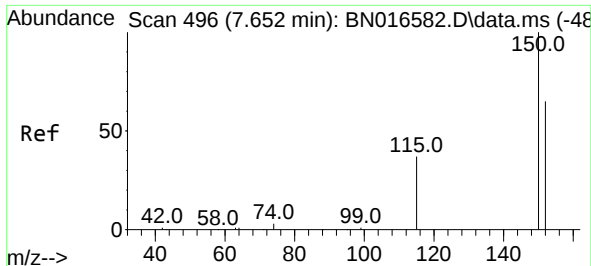
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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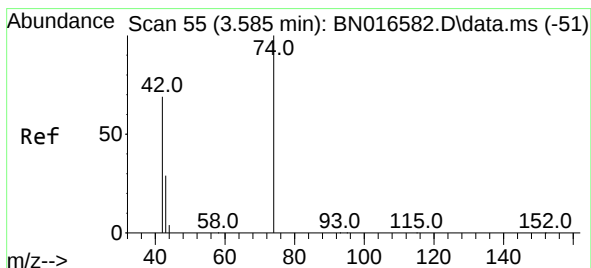
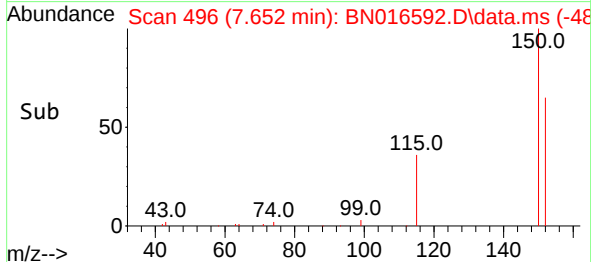
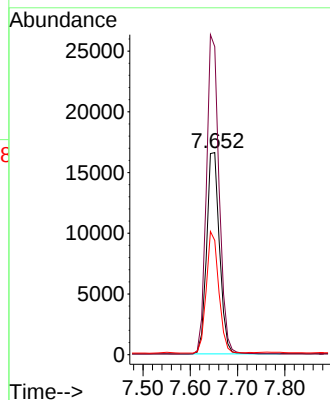
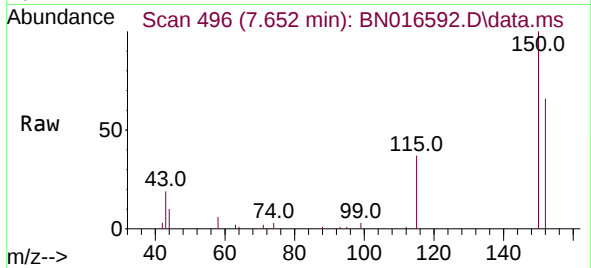




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.652 min Scan# 496
Delta R.T. -0.000 min
Lab File: BN016592.D
Acq: 30 Sep 2021 02:55

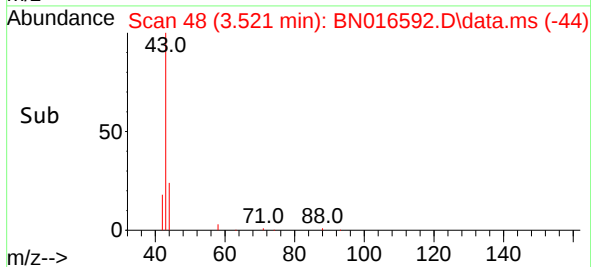
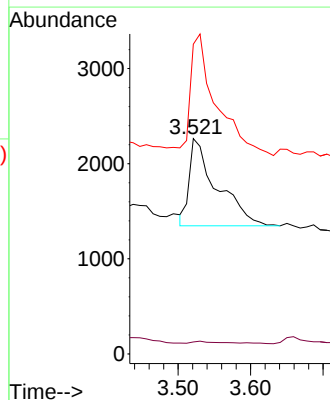
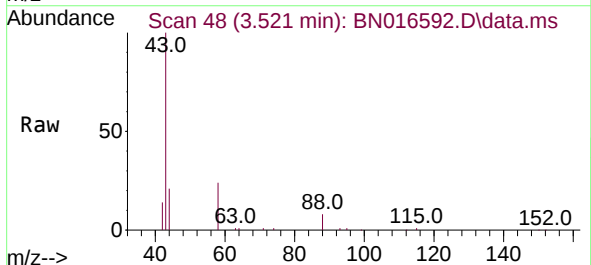
Instrument :
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ClientSampleId :
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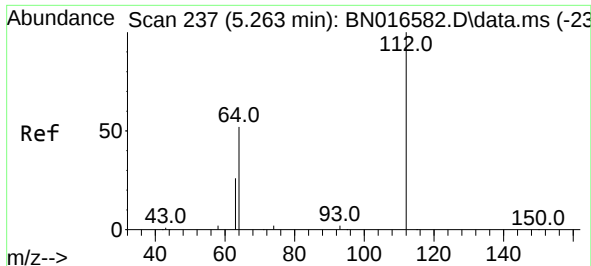
Tgt Ion:152 Resp: 31330
Ion Ratio Lower Upper
152 100
150 152.5 123.3 184.9
115 56.5 46.2 69.2



#3
n-Nitrosodimethylamine
Concen: 0.103 ng
RT: 3.521 min Scan# 48
Delta R.T. -0.064 min
Lab File: BN016592.D
Acq: 30 Sep 2021 02:55

Tgt Ion: 42 Resp: 2436
Ion Ratio Lower Upper
42 100
74 3.3 123.7 185.5#
44 129.8 6.3 9.5#

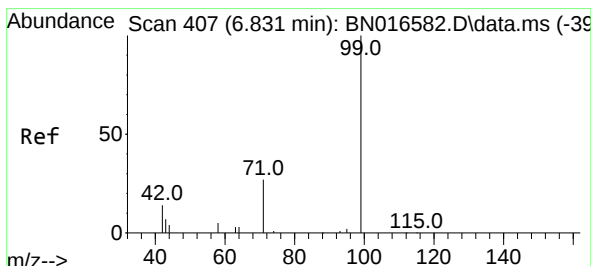
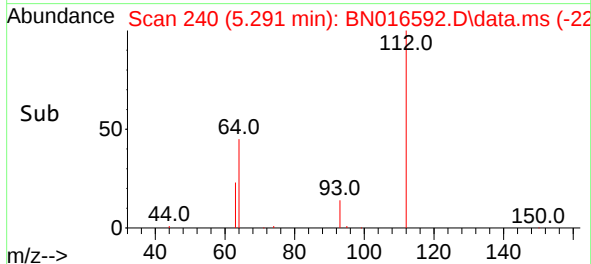
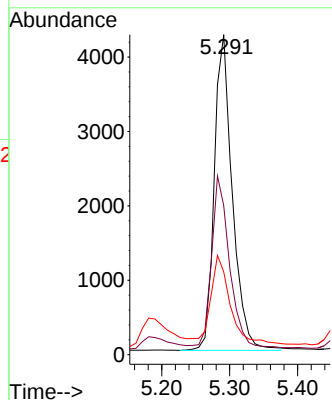
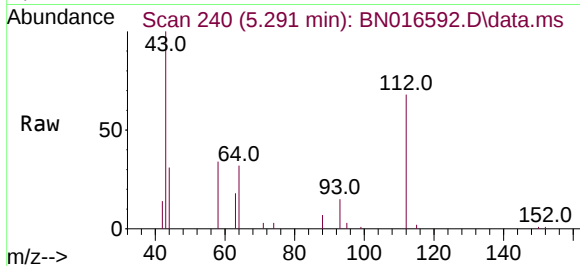




#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.028 min
Lab File: BN016592.D
Acq: 30 Sep 2021 02:55

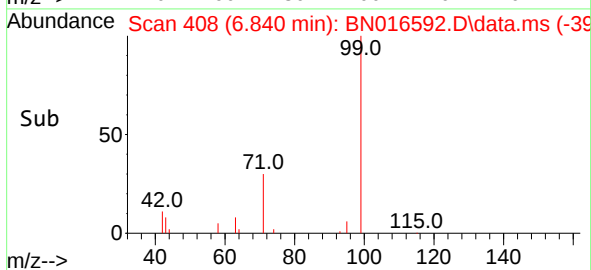
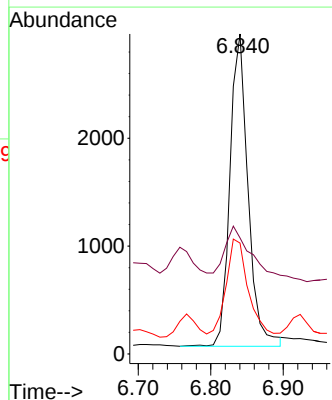
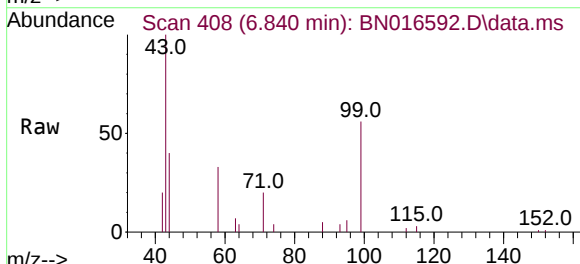
Instrument :
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ClientSampleId :
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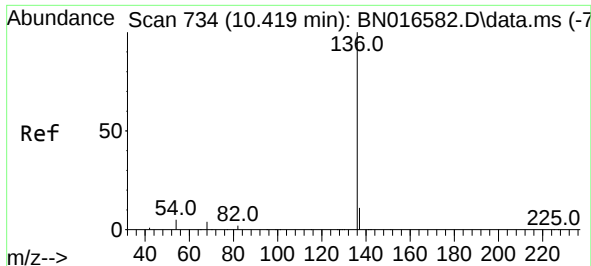
Tgt Ion:112 Resp: 7822
Ion Ratio Lower Upper
112 100
64 53.5 43.4 65.2
63 29.5 21.8 32.8



#5
Phenol-d6
Concen: 0.059 ng
RT: 6.840 min Scan# 408
Delta R.T. 0.009 min
Lab File: BN016592.D
Acq: 30 Sep 2021 02:55

Tgt Ion: 99 Resp: 5033
Ion Ratio Lower Upper
99 100
42 19.6 13.3 19.9
71 35.8 23.7 35.5#

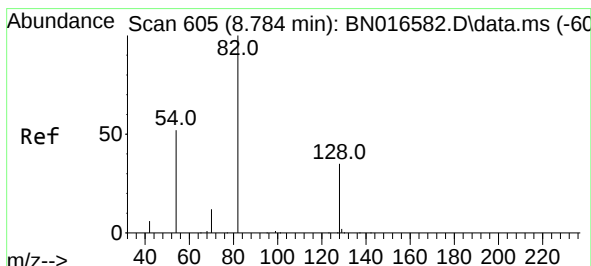
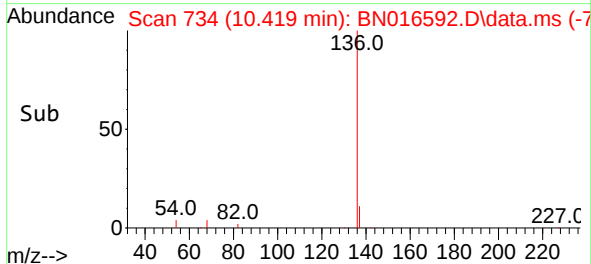
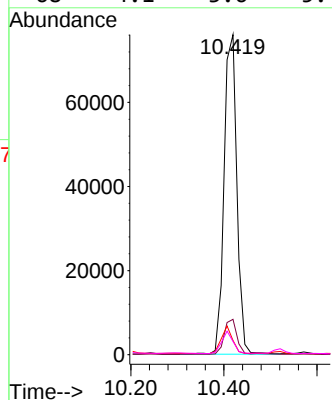
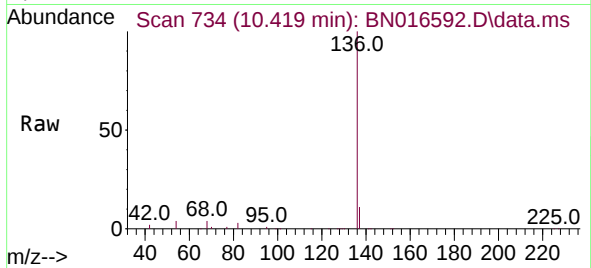




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN016592.D
Acq: 30 Sep 2021 02:55

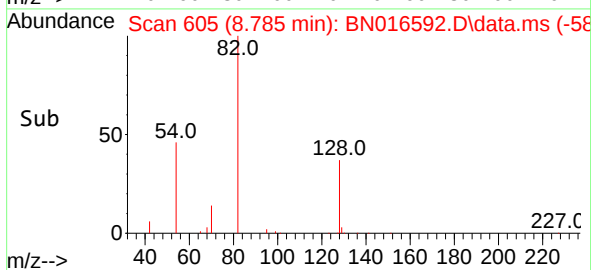
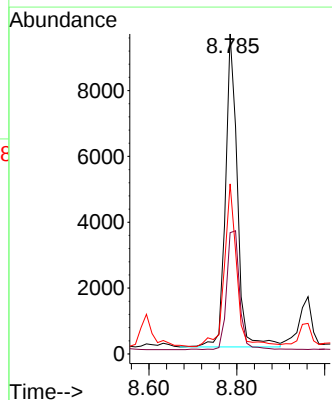
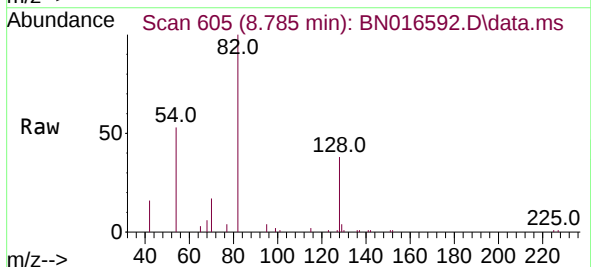
Instrument :
BNA_N
ClientSampleId :
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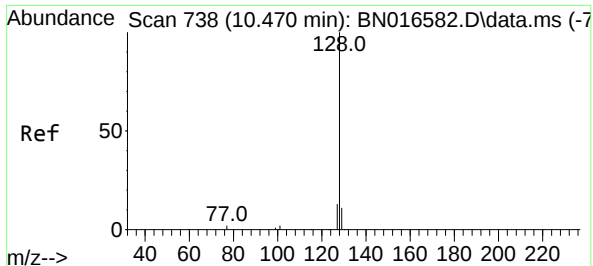
Tgt Ion:	136	Resp:	144719
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	4.5	4.0	6.0
68	4.1	3.6	5.4



#8
Nitrobenzene-d5
Concen: 0.197 ng
RT: 8.785 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016592.D
Acq: 30 Sep 2021 02:55

Tgt Ion:	82	Resp:	17892
Ion Ratio	Lower	Upper	
82	100		
128	37.9	28.6	42.8
54	53.2	42.0	63.0

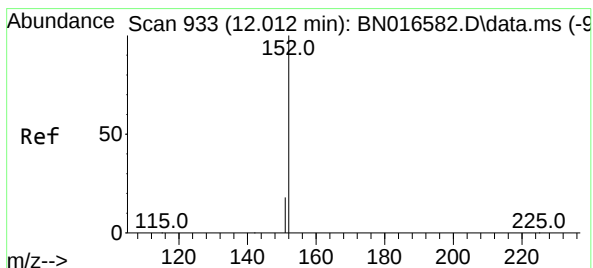
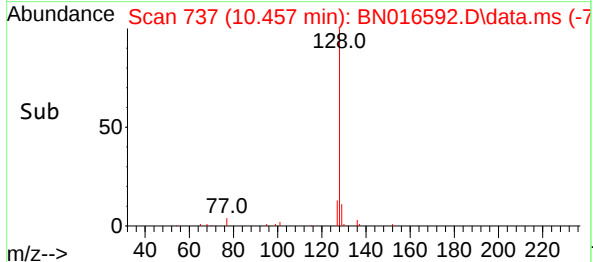
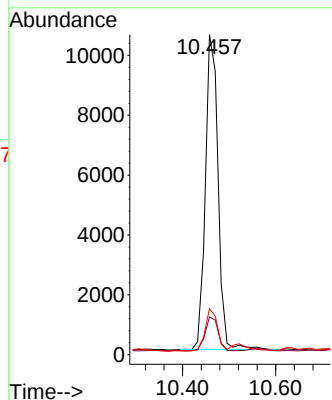
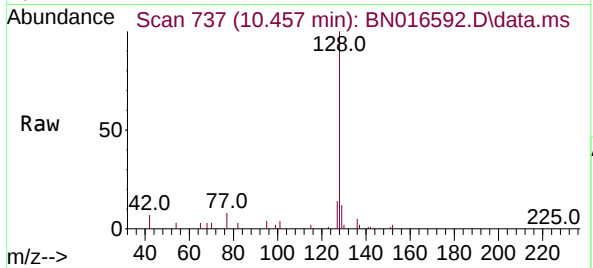




#9
Naphthalene
Concen: 0.050 ng
RT: 10.457 min Scan# 737
Delta R.T. -0.013 min
Lab File: BN016592.D
Acq: 30 Sep 2021 02:55

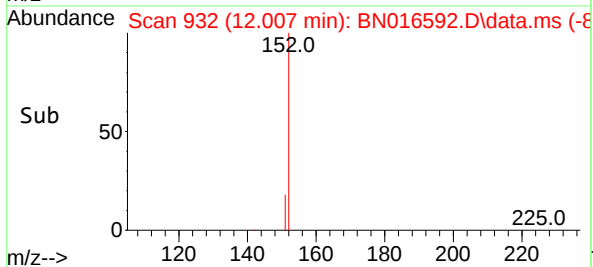
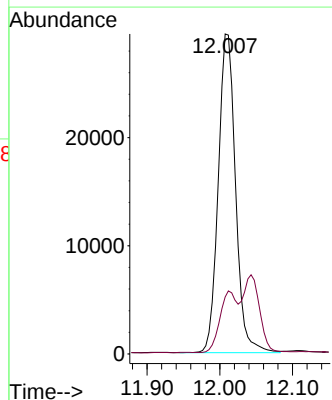
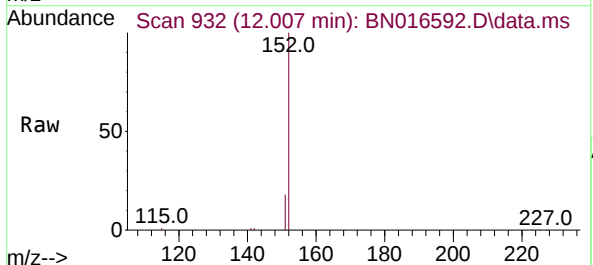
Instrument :
BNA_N
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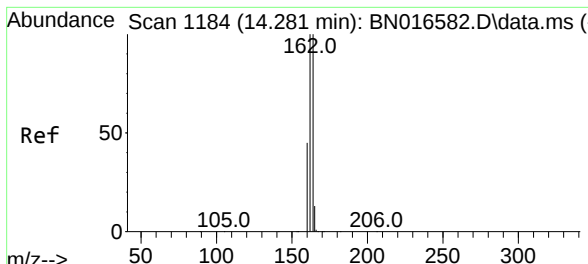
Tgt Ion:128 Resp: 20043
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 14.3 10.1 15.1



#11
2-Methylnaphthalene-d10
Concen: 0.230 ng
RT: 12.007 min Scan# 932
Delta R.T. -0.004 min
Lab File: BN016592.D
Acq: 30 Sep 2021 02:55

Tgt Ion:152 Resp: 48744
Ion Ratio Lower Upper
152 100
151 19.2 16.3 24.5

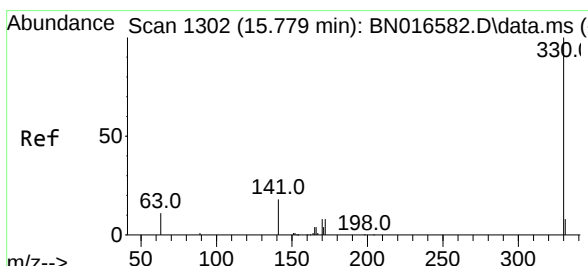
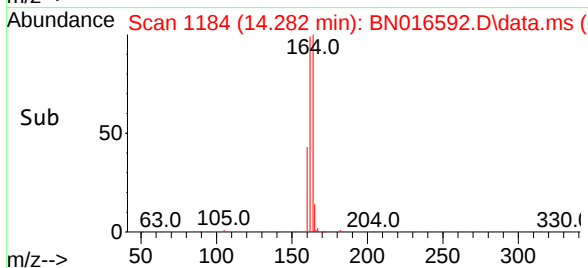
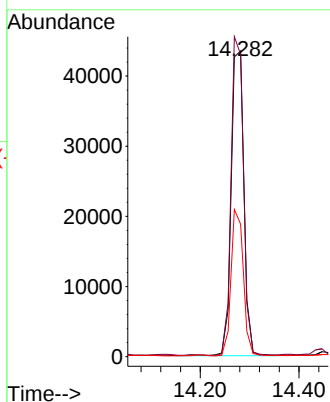
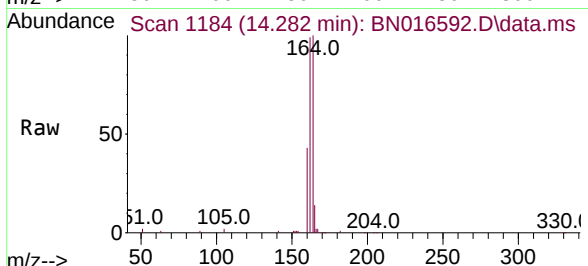




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.282 min Scan# 1184
 Delta R.T. 0.000 min
 Lab File: BN016592.D
 Acq: 30 Sep 2021 02:55

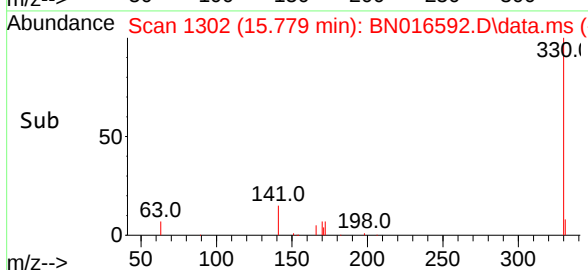
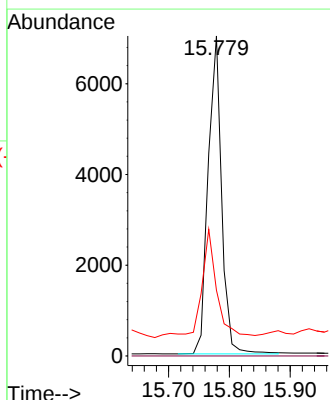
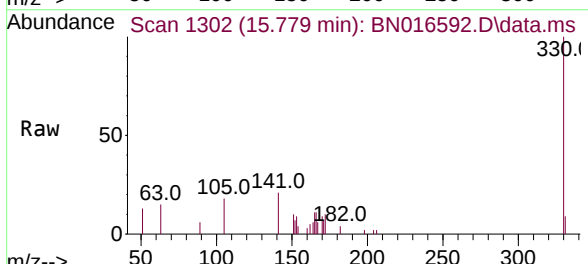
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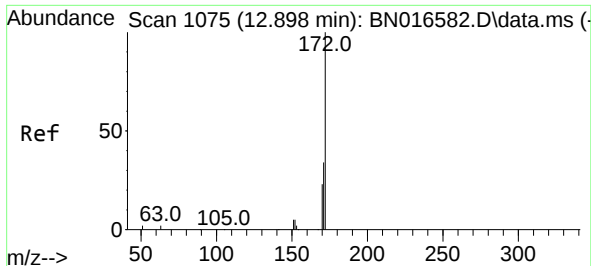
Tgt Ion:	164	Resp:	77717
Ion Ratio	Lower	Upper	
164	100		
162	98.9	79.8	119.6
160	43.3	35.7	53.5



#14
 2,4,6-Tribromophenol
 Concen: 0.305 ng
 RT: 15.779 min Scan# 1302
 Delta R.T. 0.000 min
 Lab File: BN016592.D
 Acq: 30 Sep 2021 02:55

Tgt Ion:	330	Resp:	10792
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	33.9	25.4	38.2

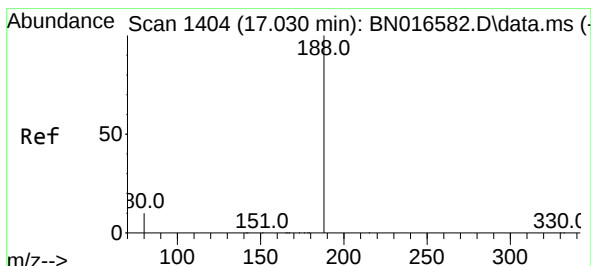
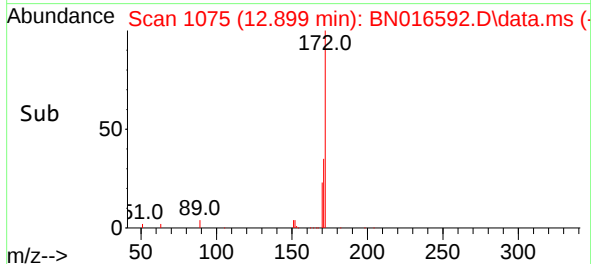
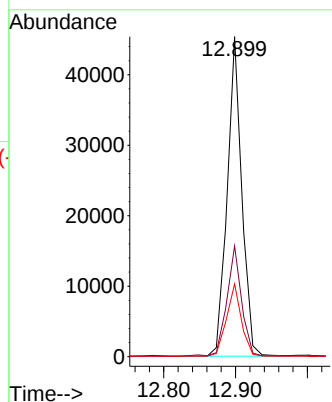
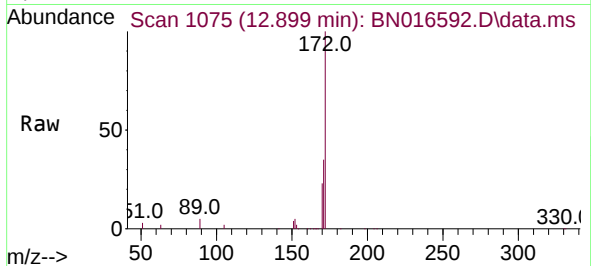




#15
2-Fluorobiphenyl
Concen: 0.201 ng
RT: 12.899 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016592.D
Acq: 30 Sep 2021 02:55

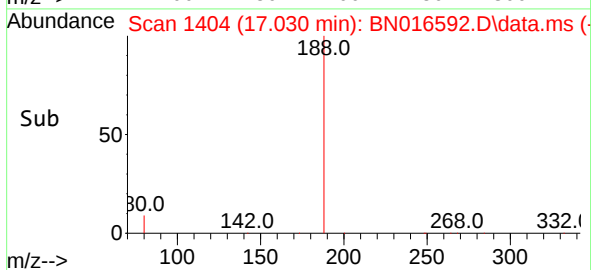
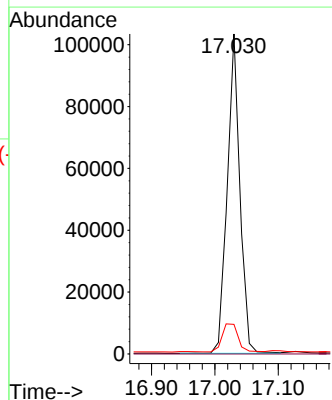
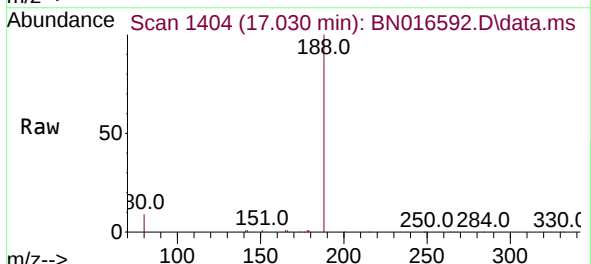
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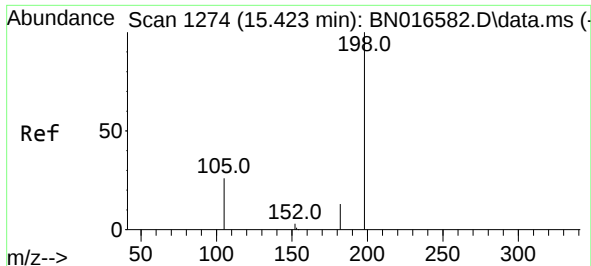
Tgt Ion:172 Resp: 64036
Ion Ratio Lower Upper
172 100
171 34.6 27.6 41.4
170 22.8 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BN016592.D
Acq: 30 Sep 2021 02:55

Tgt Ion:188 Resp: 142600
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 8.1 12.1

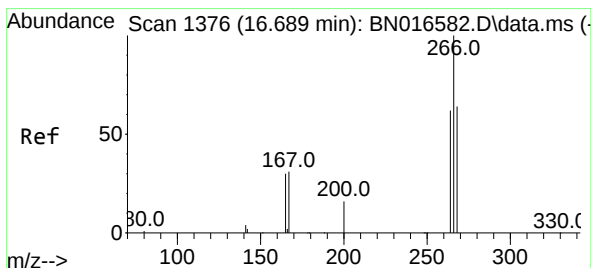
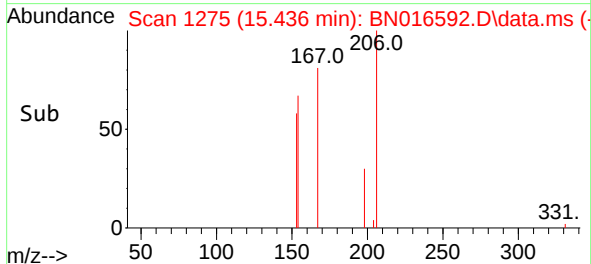
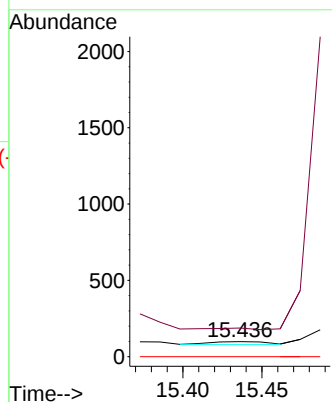
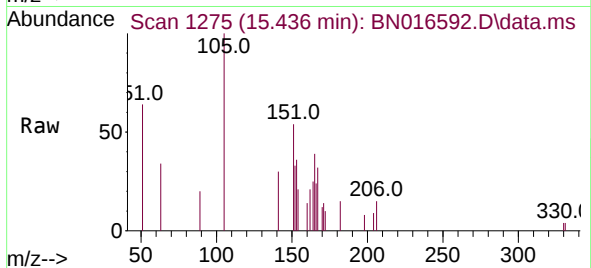




#20
4,6-Dinitro-2-methylphenol
Concen: 0.202 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.013 min
Lab File: BN016592.D
Acq: 30 Sep 2021 02:55

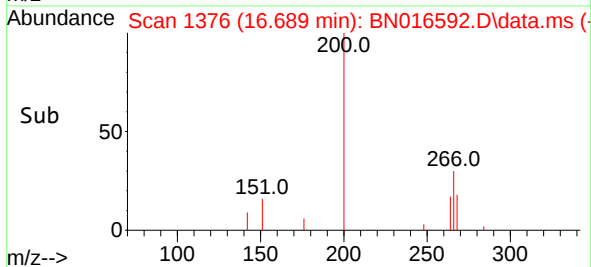
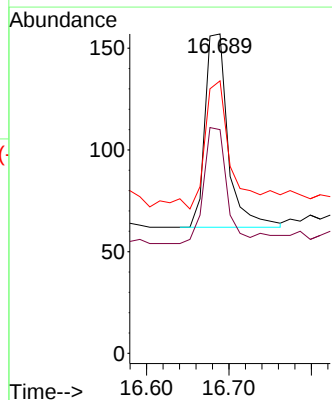
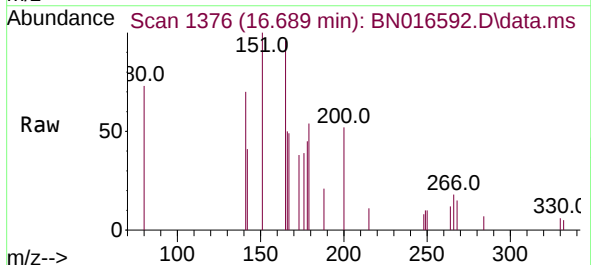
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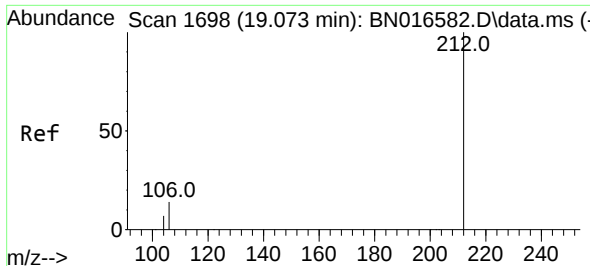
Tgt Ion:198 Resp: 42
Ion Ratio Lower Upper
198 100
182 191.8 12.3 18.5#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.147 ng
RT: 16.689 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BN016592.D
Acq: 30 Sep 2021 02:55

Tgt Ion:266 Resp: 185
Ion Ratio Lower Upper
266 100
264 59.5 50.5 75.7
268 62.2 51.4 77.2

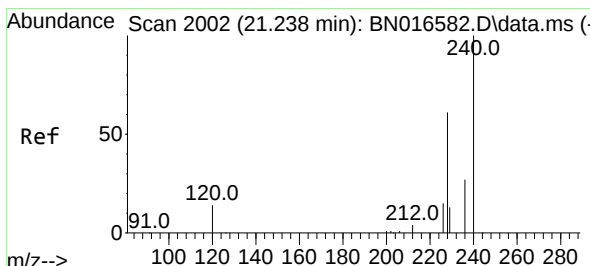
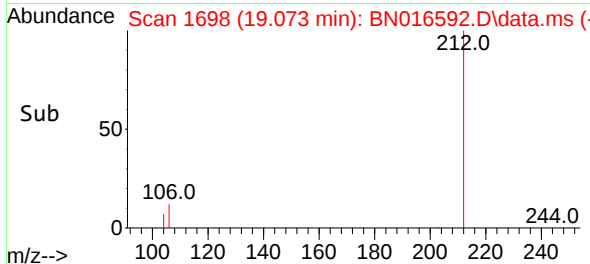
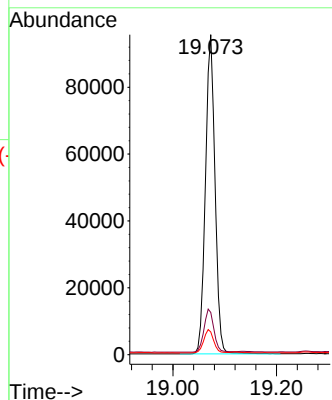
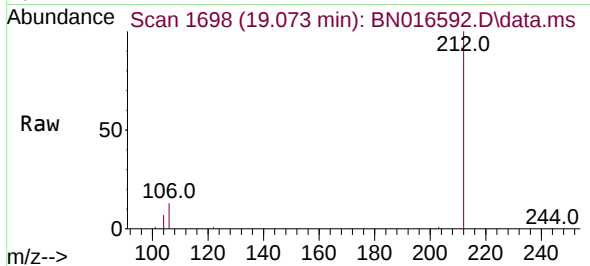




#27
Fluoranthene-d10
Concen: 0.315 ng
RT: 19.073 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN016592.D
Acq: 30 Sep 2021 02:55

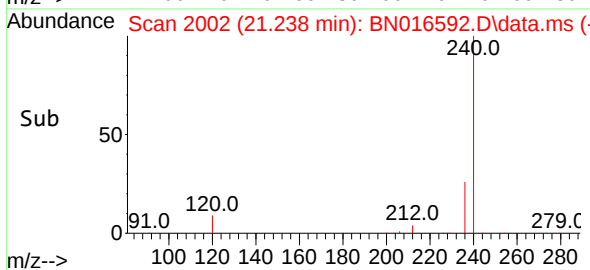
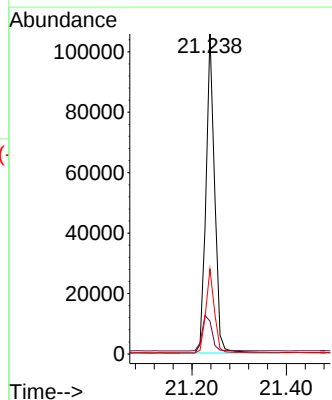
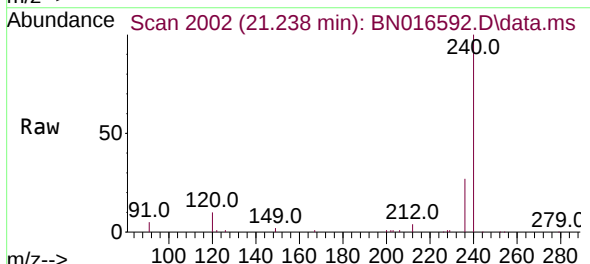
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

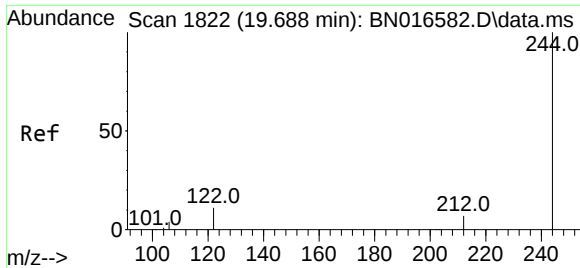
Tgt Ion:212 Resp: 123160
Ion Ratio Lower Upper
212 100
106 13.9 11.0 16.6
104 7.6 6.0 9.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016592.D
Acq: 30 Sep 2021 02:55

Tgt Ion:240 Resp: 134532
Ion Ratio Lower Upper
240 100
120 10.3 11.6 17.4#
236 26.5 21.6 32.4

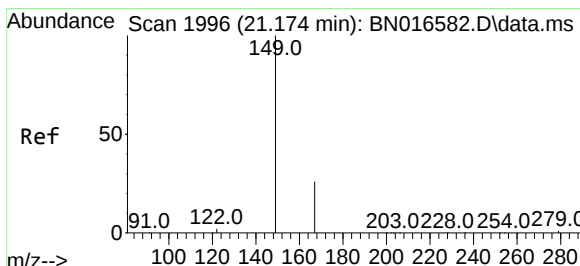
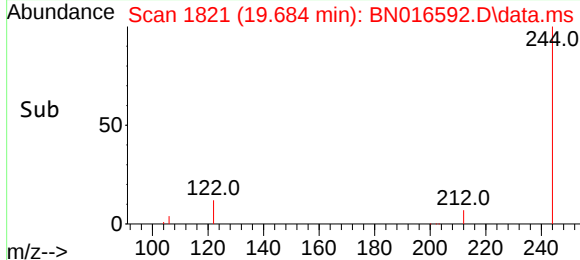
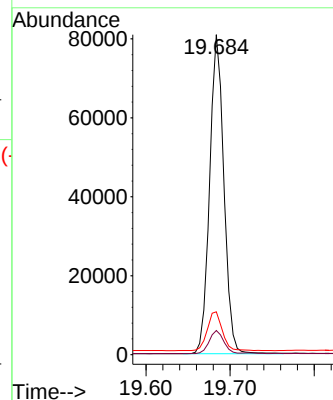
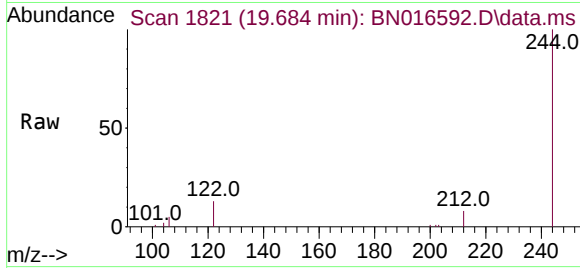




#31
Terphenyl-d14
Concen: 0.326 ng
RT: 19.684 min Scan# 1821
Delta R.T. -0.005 min
Lab File: BN016592.D
Acq: 30 Sep 2021 02:55

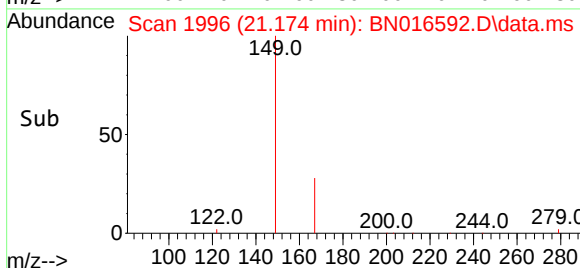
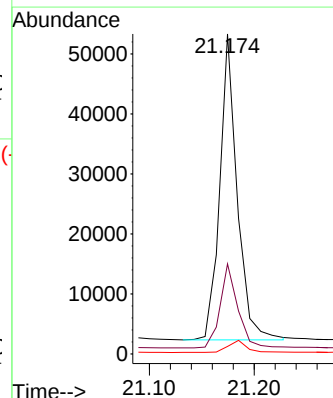
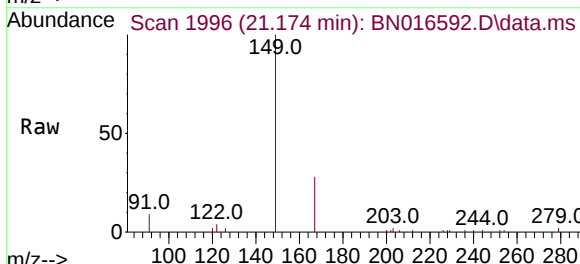
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

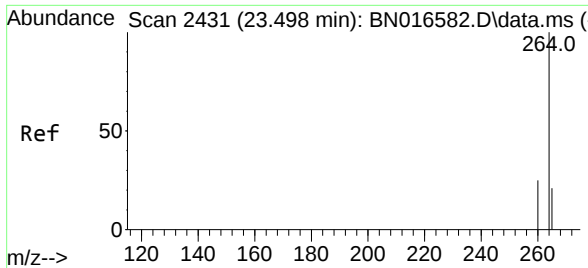
Tgt Ion:244 Resp: 95307
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 13.4 9.2 13.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.388 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016592.D
Acq: 30 Sep 2021 02:55

Tgt Ion:149 Resp: 58721
Ion Ratio Lower Upper
149 100
167 27.9 22.0 33.0
279 4.2 3.1 4.7





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.495 min Scan# 2430
 Delta R.T. -0.003 min
 Lab File: BN016592.D
 Acq: 30 Sep 2021 02:55

Instrument :
 BNA_N
 ClientSampleId :
 P287-DITCH

Tgt Ion:264 Resp: 145549

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	23.4	18.9	28.3

