

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
 Data File : BN015931.D
 Acq On : 18 Aug 2021 11:23
 Operator : CG/JU
 Sample : M3364-18DL 2X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBKC5DL

Quant Time: Aug 18 12:23:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 17 09:43:53 2021
 Response via : Initial Calibration

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

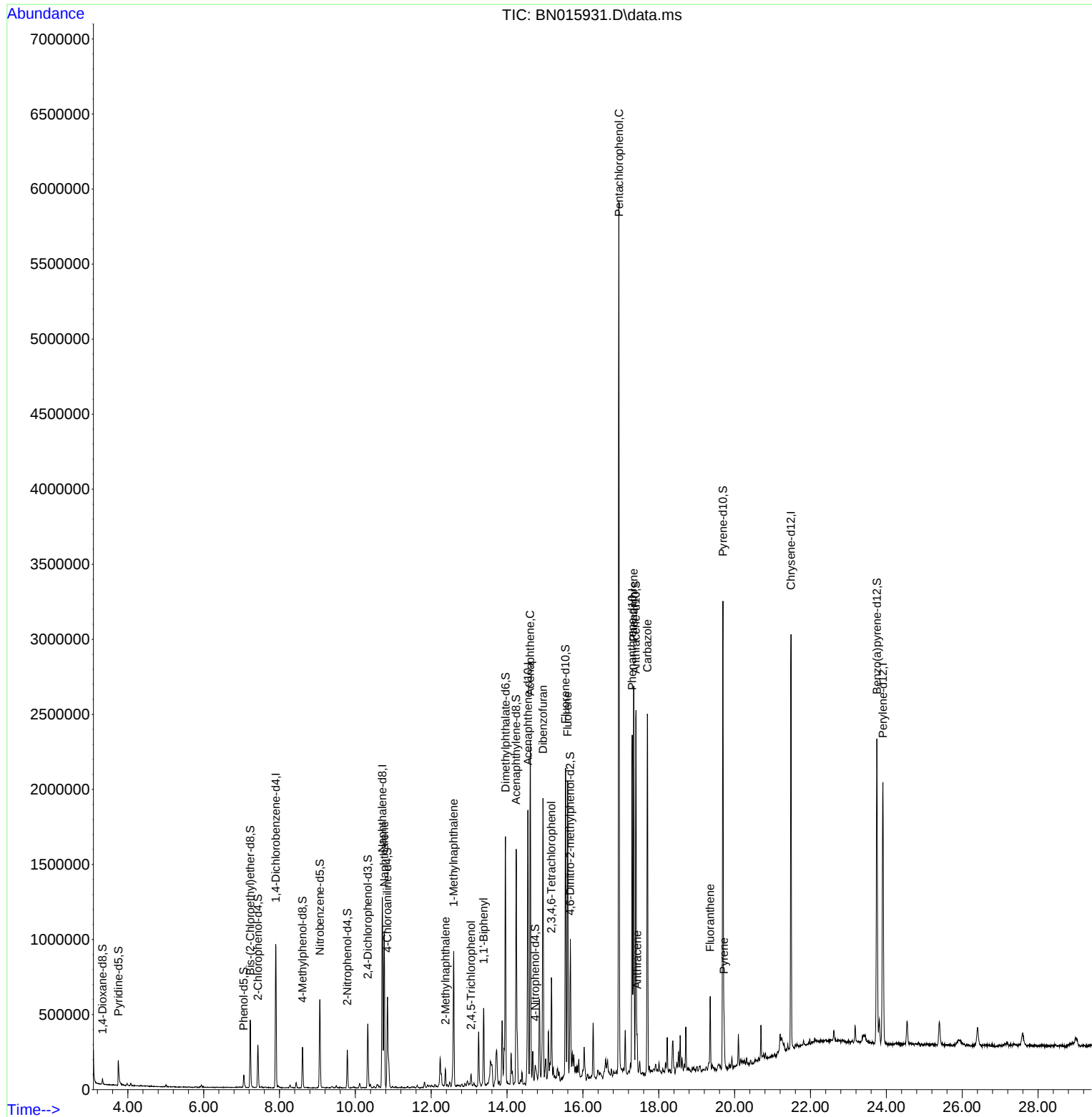
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	252657	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	1038419	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	635864	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	1280203	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	1332837	20.000	ng/u1	0.00
88) Perylene-d12	23.910	264	1281992	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	18597	2.867	ng/uL	0.00
4) Pyridine-d5	3.752	84	96024	5.297	ng/u1	0.00
7) Phenol-d5	7.057	99	44358	1.941	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	210758	14.978	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	121870	7.494	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	97366	5.477	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	127140	16.635	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	70667	9.879	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	138883	8.972	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	295804	12.555	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	978035	20.988	ng/u1	0.00
49) Acenaphthylene-d8	14.239	160	1093668	18.740	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	15113	1.834	ng/u1	0.00
60) Fluorene-d10	15.539	176	832278	20.475	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	112586	16.467	ng/u1	0.00
73) Anthracene-d10	17.392	188	1356564	22.608	ng/u1	0.00
81) Pyrene-d10	19.692	212	1559346	21.721	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.751	264	1526906	22.028	ng/u1	0.00
Target Compounds						Qvalue
30) Naphthalene	10.763	128	841325	15.127	ng/u1	99
36) 2-Methylnaphthalene	12.375	142	50880	1.316	ng/u1#	79
37) 1-Methylnaphthalene	12.592	142	388146	10.083	ng/u1	95
42) 2,4,5-Trichlorophenol	13.051	196	17881	1.456	ng/u1#	92
43) 1,1'-Biphenyl	13.381	154	258438	5.256	ng/u1	99
52) Acenaphthene	14.610	153	952620	23.740	ng/u1	98
56) Dibenzofuran	14.945	168	1007867	18.167	ng/u1	91
58) 2,3,4,6-Tetrachlorophenol	15.169	232	101109	9.950	ng/u1#	97
61) Fluorene	15.598	166	871640	19.254	ng/u1	98
71) Pentachlorophenol	16.951	266	1003262	111.395	ng/u1	94
72) Phenanthrene	17.339	178	1487429	21.372	ng/u1	98
74) Anthracene	17.428	178	155492	2.188	ng/u1	97
77) Carbazole	17.704	167	1497979	23.979	ng/u1	98
80) Fluoranthene	19.357	202	292619	3.369	ng/u1	98
82) Pyrene	19.722	202	190857	2.111	ng/u1	95

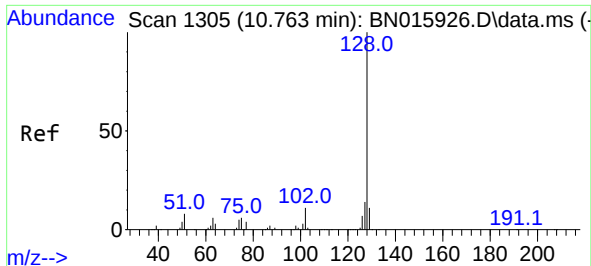
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

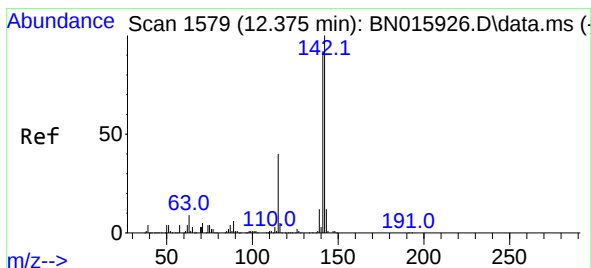
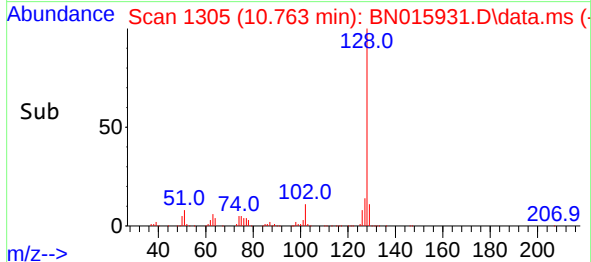
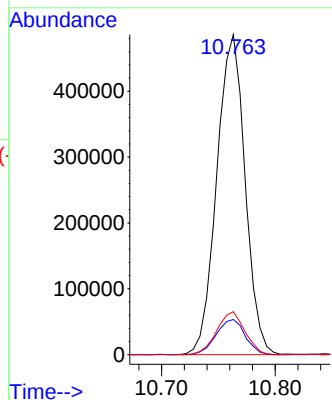
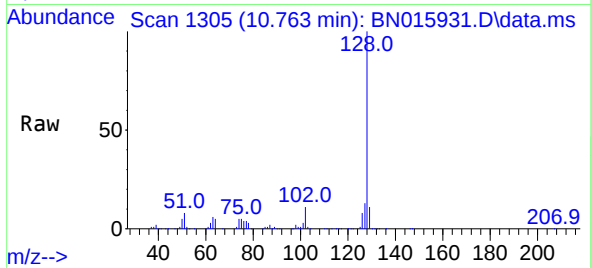




#30
Naphthalene
Concen: 15.127 ng/ul
RT: 10.763 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BN015931.D
Acq: 18 Aug 2021 11:23

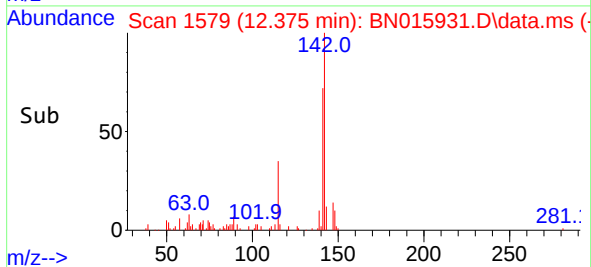
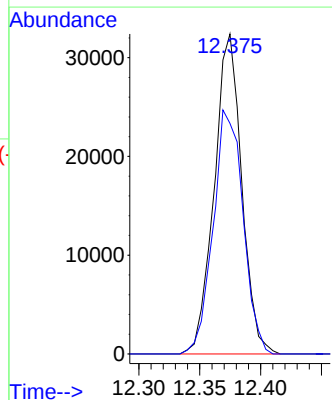
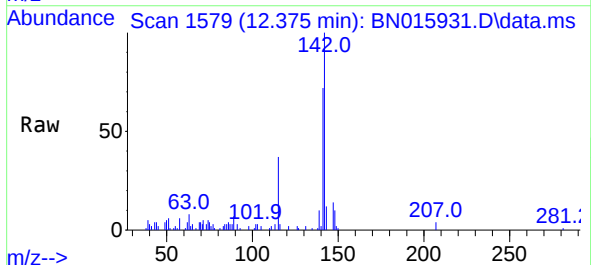
Instrument :
BNA_N
ClientSampleId :
DBKC5DL

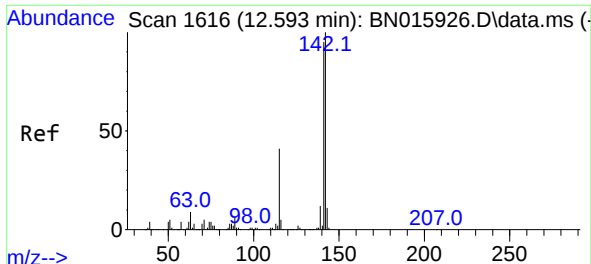
Tgt Ion:128 Resp: 841325
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 11.1 16.7



#36
2-Methylnaphthalene
Concen: 1.316 ng/ul
RT: 12.375 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BN015931.D
Acq: 18 Aug 2021 11:23

Tgt Ion:142 Resp: 50880
Ion Ratio Lower Upper
142 100
141 72.1 73.4 110.0#

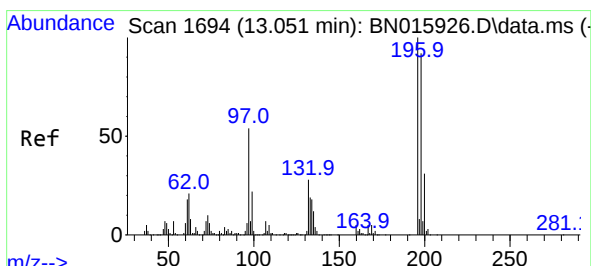
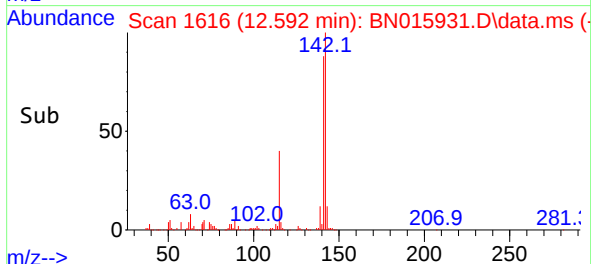
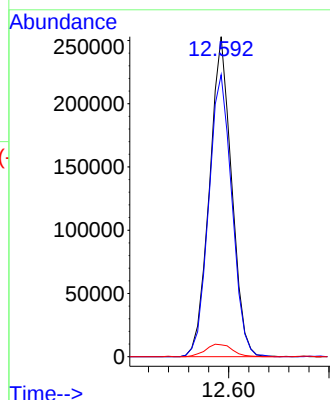
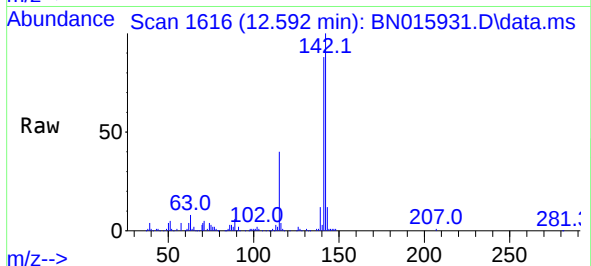




#37
1-Methylnaphthalene
Concen: 10.083 ng/ul
RT: 12.592 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BN015931.D
Acq: 18 Aug 2021 11:23

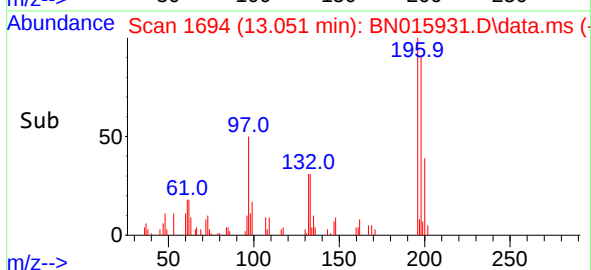
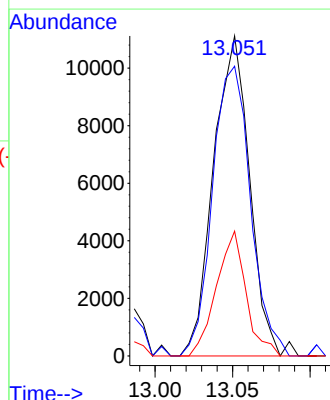
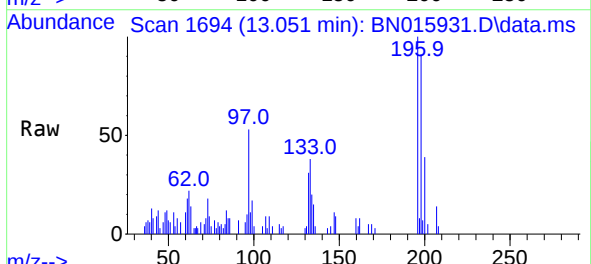
Instrument :
BNA_N
ClientSampleId :
DBKC5DL

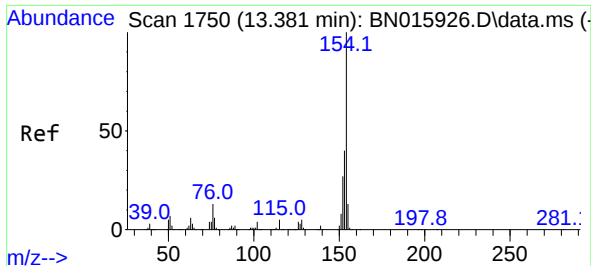
Tgt Ion:142 Resp: 388146
Ion Ratio Lower Upper
142 100
141 88.1 74.2 111.4
116 3.7 3.4 5.0



#42
2,4,5-Trichlorophenol
Concen: 1.456 ng/ul
RT: 13.051 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BN015931.D
Acq: 18 Aug 2021 11:23

Tgt Ion:196 Resp: 17881
Ion Ratio Lower Upper
196 100
198 90.6 76.5 114.7
200 39.0 24.6 37.0#

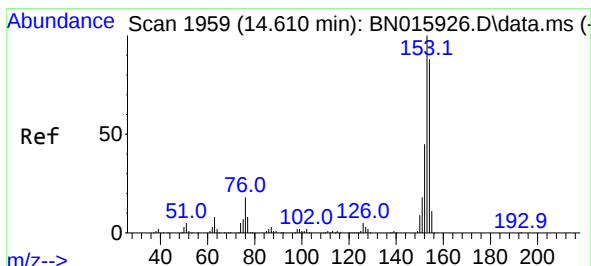
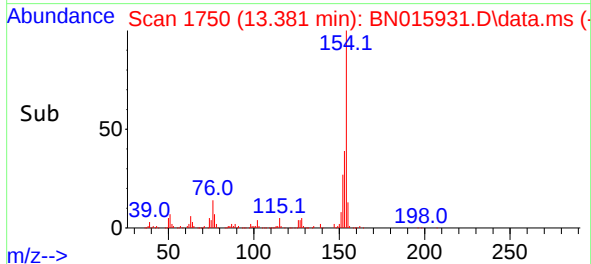
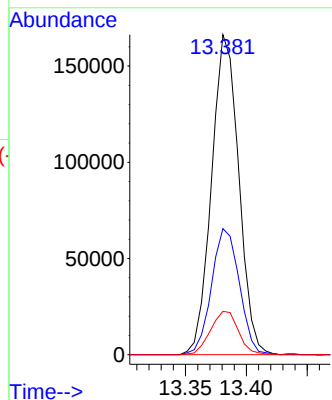
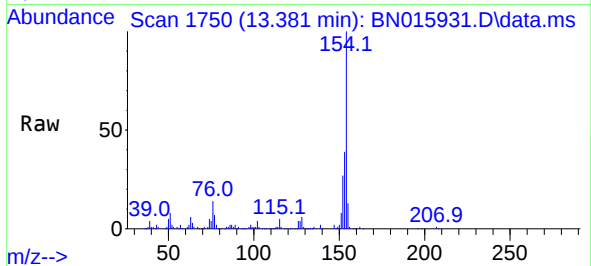




#43
1,1'-Biphenyl
Concen: 5.256 ng/ul
RT: 13.381 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BN015931.D
Acq: 18 Aug 2021 11:23

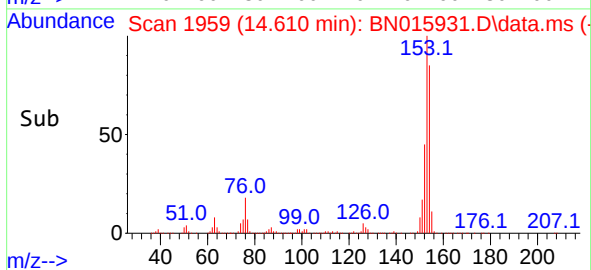
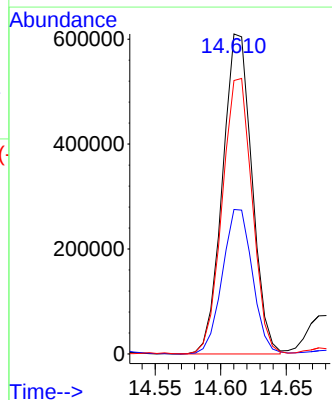
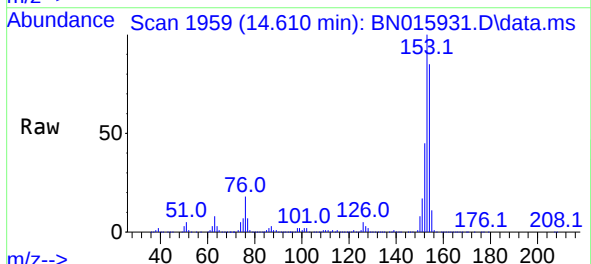
Instrument :
BNA_N
ClientSampleId :
DBKC5DL

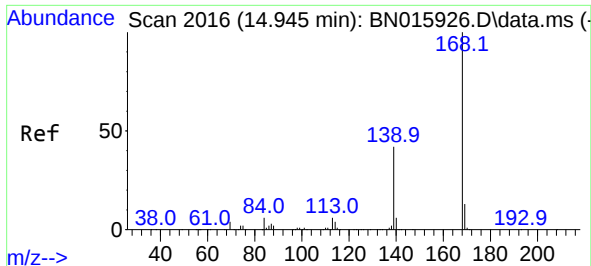
Tgt Ion:154 Resp: 258438
Ion Ratio Lower Upper
154 100
153 39.4 32.1 48.1
76 13.5 11.0 16.6



#52
Acenaphthene
Concen: 23.740 ng/ul
RT: 14.610 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BN015931.D
Acq: 18 Aug 2021 11:23

Tgt Ion:153 Resp: 952620
Ion Ratio Lower Upper
153 100
152 45.2 38.6 57.8
154 85.4 69.3 103.9

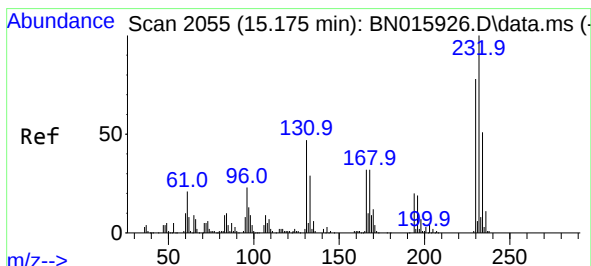
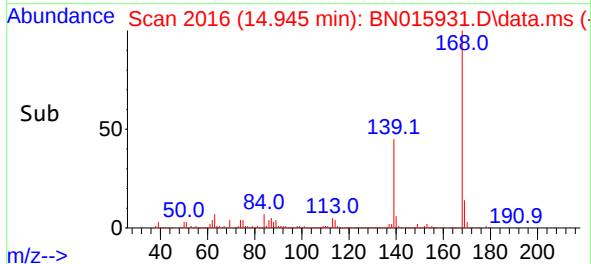
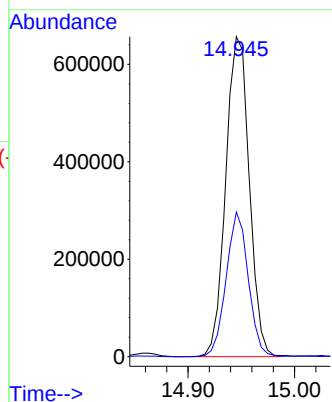
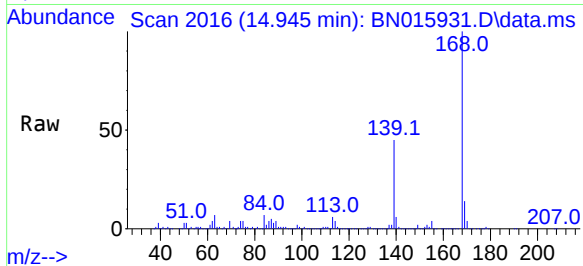




#56
Dibenzofuran
Concen: 18.167 ng/ul
RT: 14.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BN015931.D
Acq: 18 Aug 2021 11:23

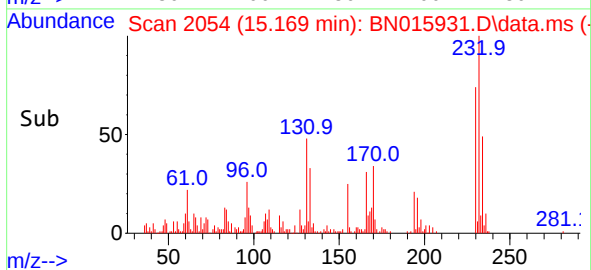
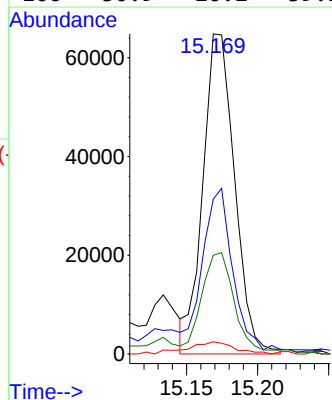
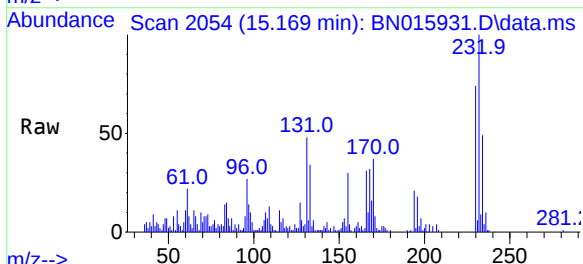
Instrument :
BNA_N
ClientSampleId :
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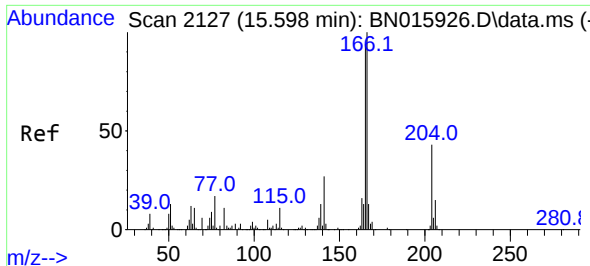
Tgt Ion:168 Resp: 1007867
Ion Ratio Lower Upper
168 100
139 45.2 31.8 47.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 9.950 ng/ul
RT: 15.169 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BN015931.D
Acq: 18 Aug 2021 11:23

Tgt Ion:232 Resp: 101109
Ion Ratio Lower Upper
232 100
131 48.4 37.5 56.3
130 3.8 2.2 3.4#
166 30.9 26.2 39.2

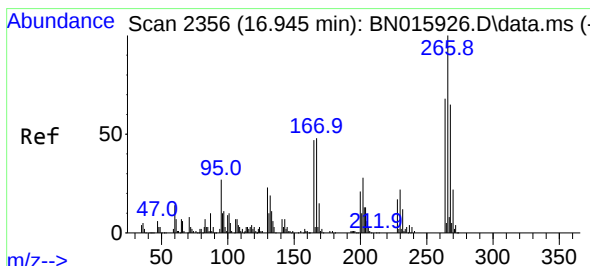
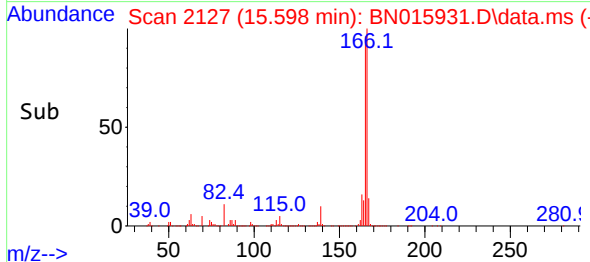
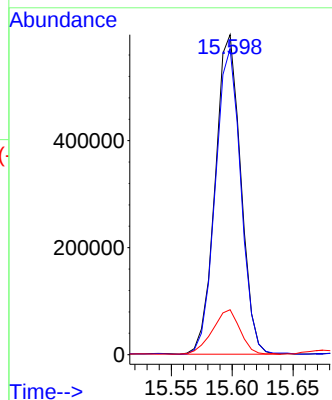
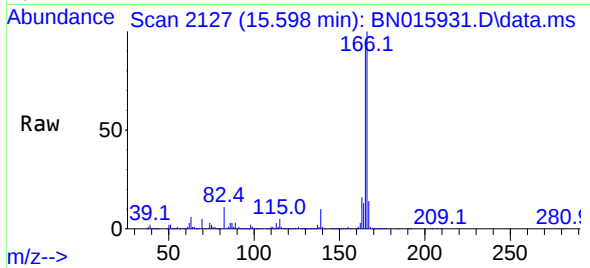




#61
Fluorene
Concen: 19.254 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BN015931.D
Acq: 18 Aug 2021 11:23

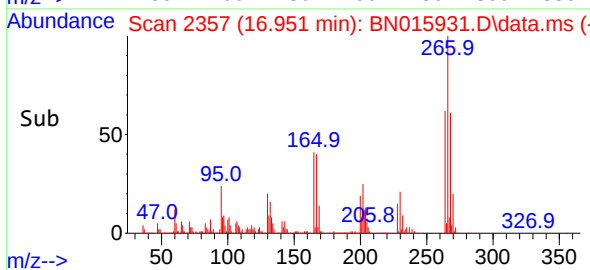
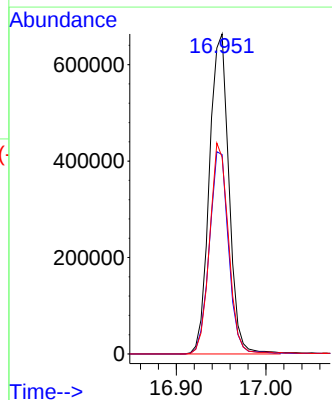
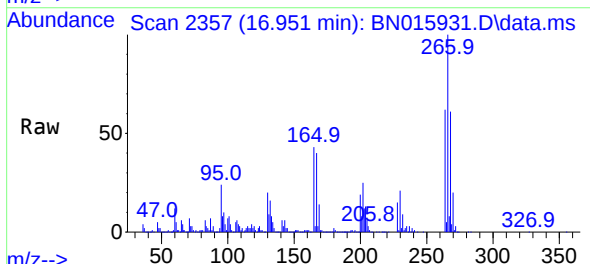
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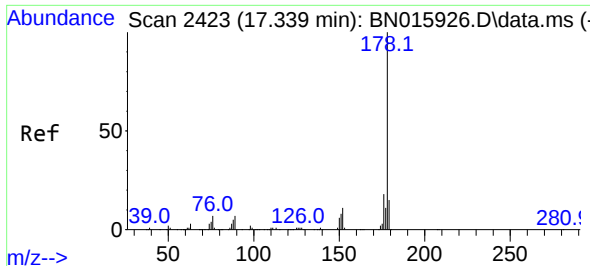
Tgt Ion:166 Resp: 871640
Ion Ratio Lower Upper
166 100
165 95.6 78.4 117.6
167 14.0 10.8 16.2



#71
Pentachlorophenol
Concen: 111.395 ng/ul
RT: 16.951 min Scan# 2357
Delta R.T. 0.006 min
Lab File: BN015931.D
Acq: 18 Aug 2021 11:23

Tgt Ion:266 Resp: 1003262
Ion Ratio Lower Upper
266 100
264 62.3 53.8 80.6
268 61.4 52.7 79.1

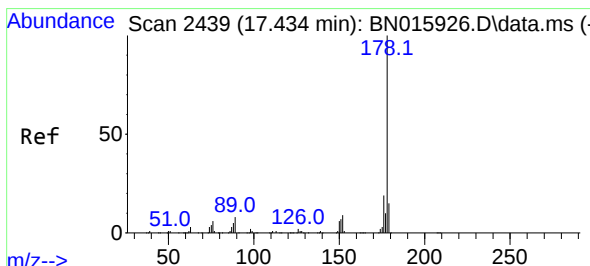
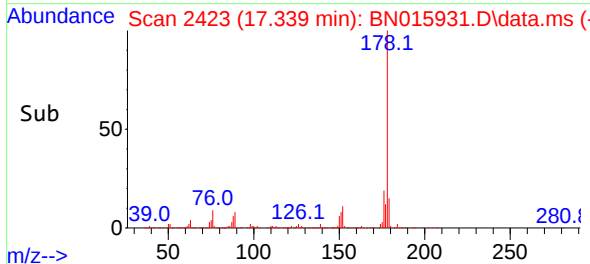
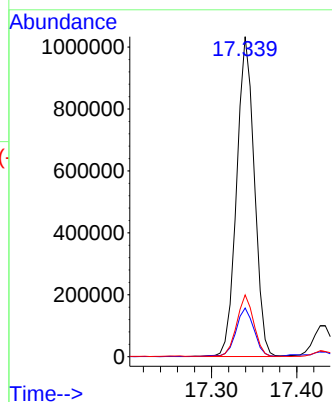
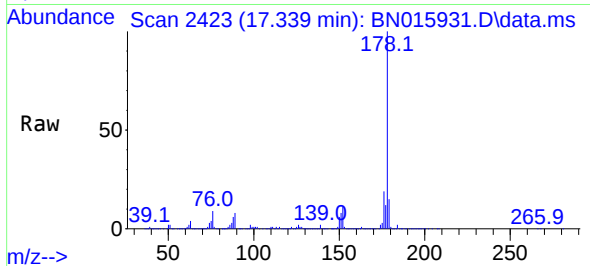




#72
Phenanthrene
Concen: 21.372 ng/u1
RT: 17.339 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BN015931.D
Acq: 18 Aug 2021 11:23

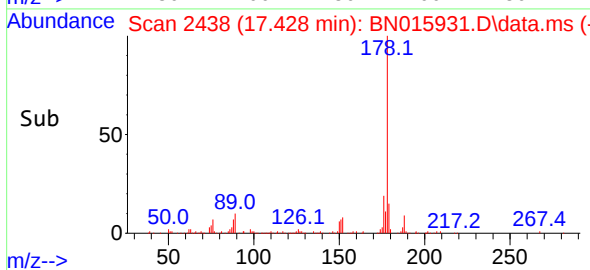
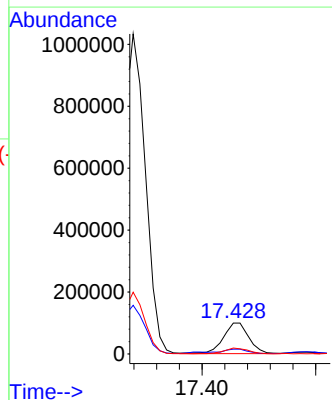
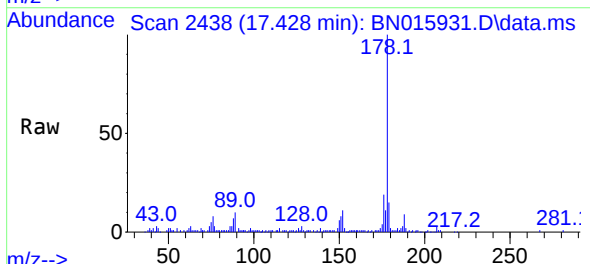
Instrument :
BNA_N
ClientSampleId :
DBKC5DL

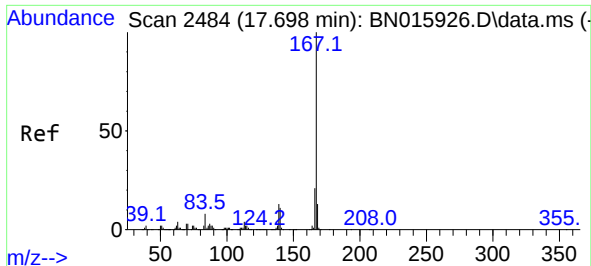
Tgt Ion:178 Resp: 1487429
Ion Ratio Lower Upper
178 100
179 15.2 12.5 18.7
176 19.3 14.6 21.8



#74
Anthracene
Concen: 2.188 ng/u1
RT: 17.428 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BN015931.D
Acq: 18 Aug 2021 11:23

Tgt Ion:178 Resp: 155492
Ion Ratio Lower Upper
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179 15.5 11.6 17.4
176 19.4 14.4 21.6

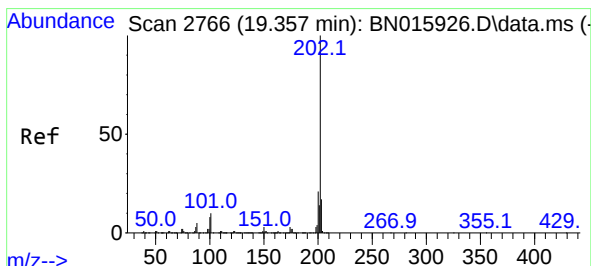
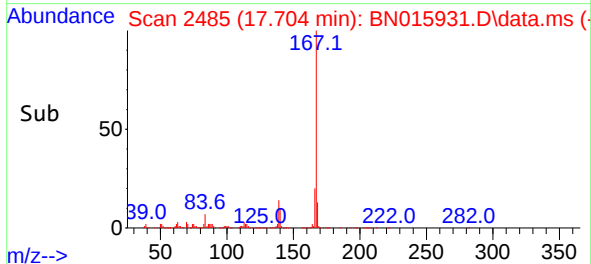
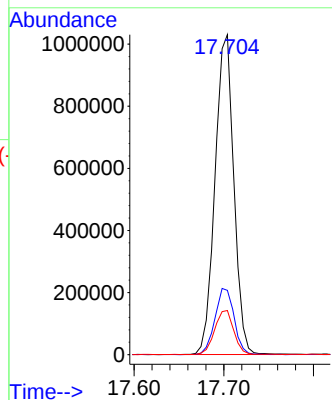
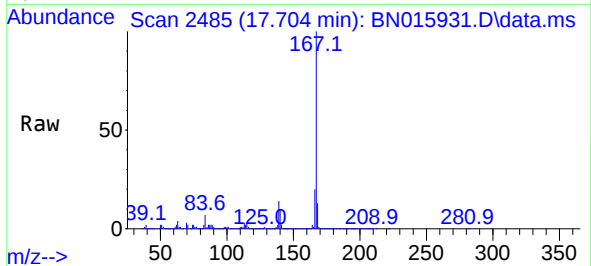




#77
Carbazole
Concen: 23.979 ng/ul
RT: 17.704 min Scan# 2485
Delta R.T. 0.006 min
Lab File: BN015931.D
Acq: 18 Aug 2021 11:23

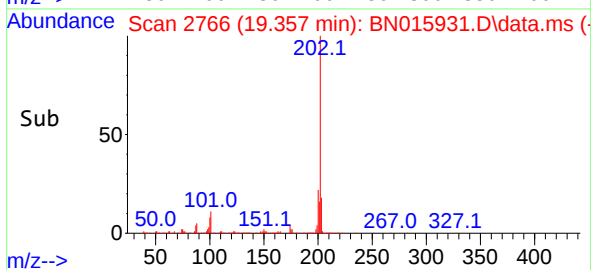
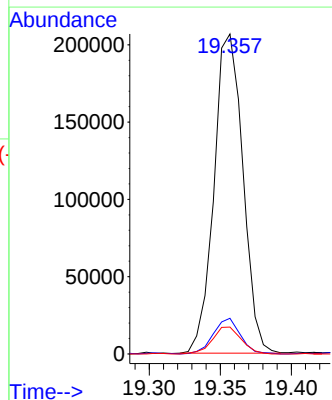
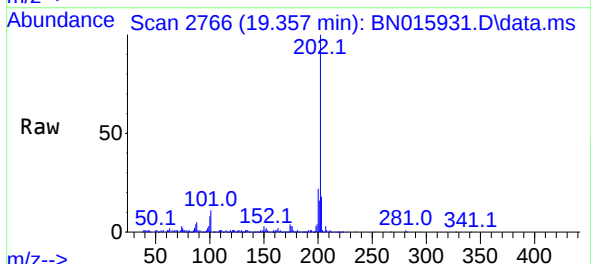
Instrument :
BNA_N
ClientSampleId :
DBKC5DL

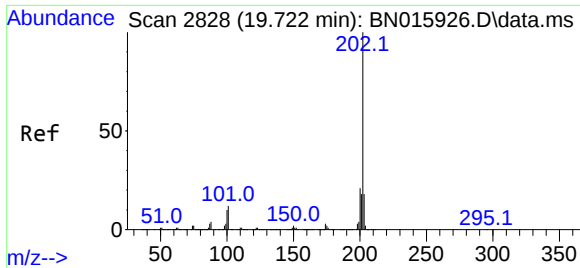
Tgt Ion:167 Resp: 1497979
Ion Ratio Lower Upper
167 100
166 20.1 17.1 25.7
139 13.8 11.6 17.4



#80
Fluoranthene
Concen: 3.369 ng/ul
RT: 19.357 min Scan# 2766
Delta R.T. -0.000 min
Lab File: BN015931.D
Acq: 18 Aug 2021 11:23

Tgt Ion:202 Resp: 292619
Ion Ratio Lower Upper
202 100
101 11.2 8.0 12.0
100 8.4 6.7 10.1





#82
 Pyrene
 Concen: 2.111 ng/ul
 RT: 19.722 min Scan# 2828
 Delta R.T. -0.000 min
 Lab File: BN015931.D
 Acq: 18 Aug 2021 11:23

Instrument :
 BNA_N
 ClientSampleId :
 DBKC5DL

Tgt Ion:202	Resp:	190857
Ion Ratio	Lower	Upper
202	100	
101	10.2	10.1 15.1
100	9.9	9.2 13.8

