

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
 Data File : BN031349.D
 Acq On : 01 May 2024 14:18
 Operator : MA/JU
 Sample : P2154-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 XA398

Quant Time: May 01 14:48:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 01 05:16:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	172786	20.000	ng/u1	0.00
20) Naphthalene-d8	10.387	136	675925	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	411190	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.016	188	838229	20.000	ng/u1	0.00
79) Chrysene-d12	21.251	240	786907	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	926862	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	25705	6.926	ng/uL	0.00
4) Pyridine-d5	3.540	84	282740	26.604	ng/u1	0.00
7) Phenol-d5	6.787	99	497766	35.800	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	289598	35.573	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	399542	35.919	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	395581	34.333	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	193538	39.730	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	217392	41.465	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	378657	38.893	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	372084	26.372	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	1166491	43.031	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	1307047	41.554	ng/u1	0.00
54) 4-Nitrophenol-d4	14.481	143	216620	44.032	ng/u1	0.00
60) Fluorene-d10	15.257	176	974987	42.118	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.387	200	164298	38.115	ng/u1	0.00
73) Anthracene-d10	17.116	188	1539646	44.506	ng/u1	0.00
81) Pyrene-d10	19.416	212	1776918	37.077	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	1836406	42.797	ng/u1	0.01
Target Compounds						
					Qvalue	
10) Bis(2-Chloroethyl)ether	7.052	93	1152652	100.759	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.146	45	1772592	117.428	ng/u1	99
22) Nitrobenzene	8.810	77	305352	26.714	ng/u1	98
23) Isophorone	9.328	82	597745	26.798	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.816	93	1157311	82.489	ng/u1	100
36) 2-Methylnaphthalene	12.063	142	1344279	58.371	ng/u1	92
47) Dimethylphthalate	13.734	163	4250547	153.030	ng/u1	99
50) Acenaphthylene	13.981	152	792879	22.151	ng/u1	99
52) Acenaphthene	14.328	153	1095561	46.140	ng/u1	99
61) Fluorene	15.316	166	1307667	50.870	ng/u1	99
68) 4-Bromophenyl-phenylether	16.210	248	186875	23.831	ng/u1	98
69) Hexachlorobenzene	16.316	284	450005	49.762	ng/u1	95
72) Phenanthrene	17.057	178	1667974	40.209	ng/u1	100
74) Anthracene	17.145	178	1746618	42.103	ng/u1	99
78) Di-n-butylphthalate	17.992	149	4974862	105.950	ng/u1	100
82) Pyrene	19.445	202	1302373	22.222	ng/u1	99
83) Butylbenzylphthalate	20.363	149	1966584	80.316	ng/u1	97
85) Benzo(a)anthracene	21.233	228	1040455	20.260	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.163	149	3107225	96.451	ng/u1	99
89) Di-n-octyl phthalate	22.263	149	7238583	105.405	ng/u1	100
90) Benzo(b)fluoranthene	23.233	252	1361544	24.240	ng/u1	98
91) Benzo(k)fluoranthene	23.292	252	1581520	28.630	ng/u1	98
93) Benzo(a)pyrene	24.010	252	608698	12.116	ng/u1	99
95) Dibenzo(a,h)anthracene	27.439	278	2095678	44.319	ng/u1	99

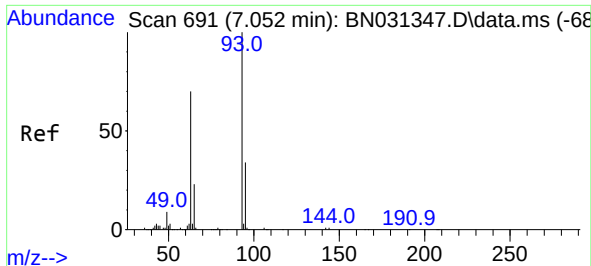
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 01 05:16:42 2024
Response via : Initial Calibration

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

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

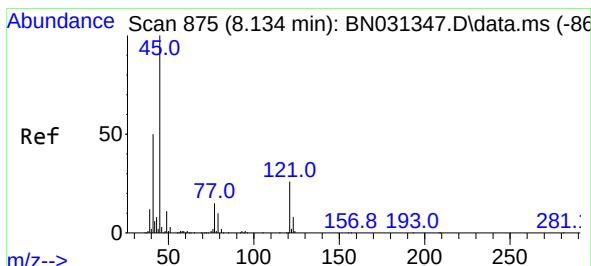
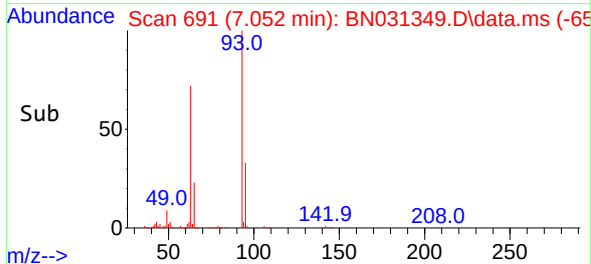
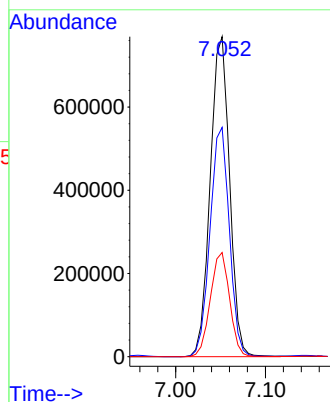
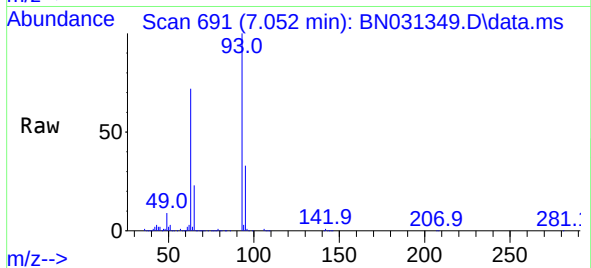


#10
Bis(2-Chloroethyl)ether
Concen: 100.759 ng/ul
RT: 7.052 min Scan# 691
Delta R.T. 0.000 min
Lab File: BN031349.D
Acq: 01 May 2024 14:18

Instrument :
BNA_N
ClientSampleId :
XA398

Tgt Ion: 93 Resp: 1152652

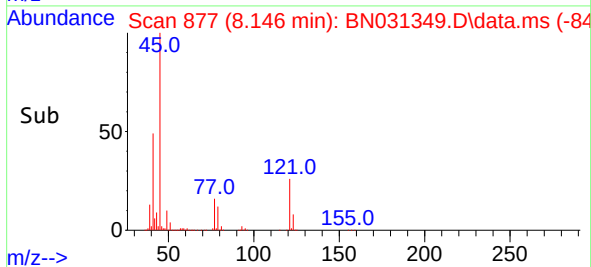
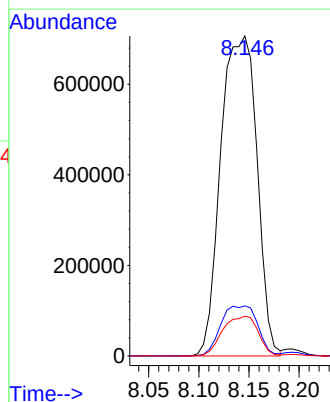
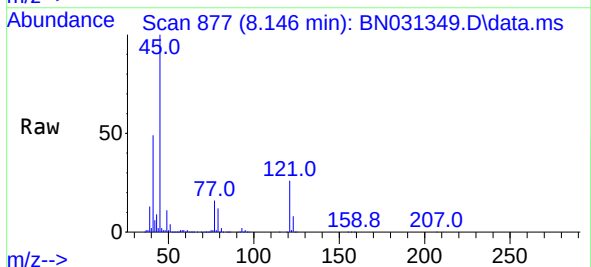
Ion	Ratio	Lower	Upper
93	100		
63	71.6	59.6	89.4
95	32.5	26.5	39.7

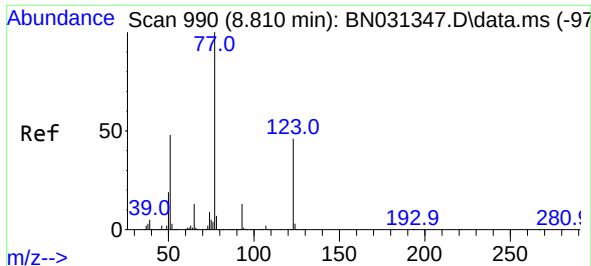


#14
2,2'-oxybis(1-Chloropropane)
Concen: 117.428 ng/ul
RT: 8.146 min Scan# 877
Delta R.T. 0.012 min
Lab File: BN031349.D
Acq: 01 May 2024 14:18

Tgt Ion: 45 Resp: 1772592

Ion	Ratio	Lower	Upper
45	100		
77	15.7	12.6	19.0
79	12.4	9.5	14.3

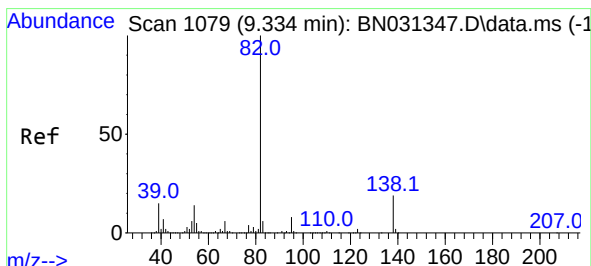
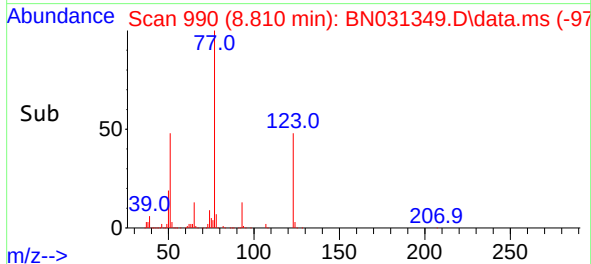
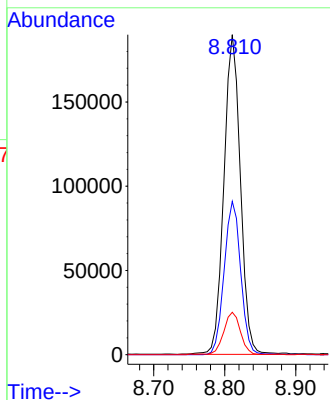
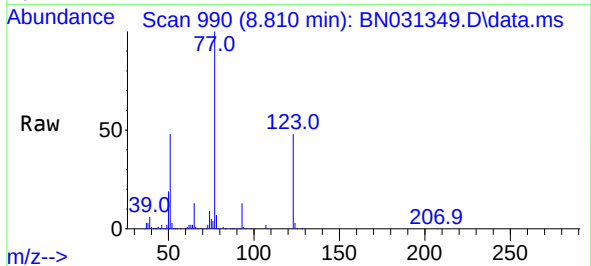




#22
Nitrobenzene
Concen: 26.714 ng/ul
RT: 8.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: BN031349.D
Acq: 01 May 2024 14:18

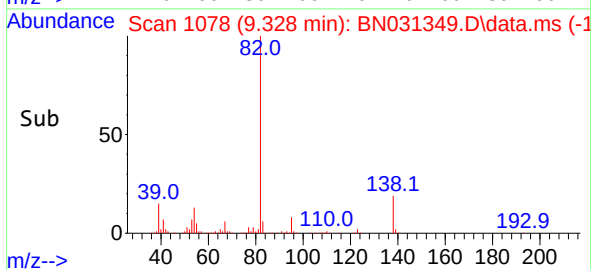
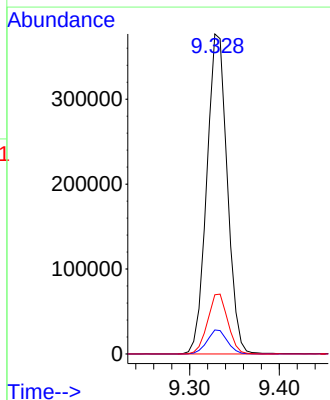
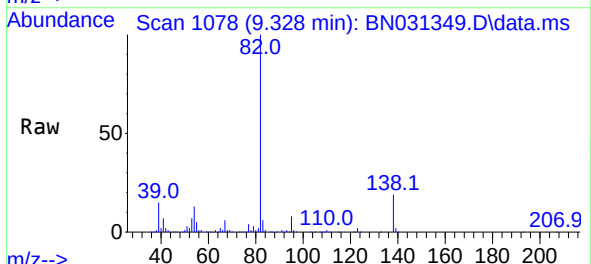
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BNA_N
ClientSampleId :
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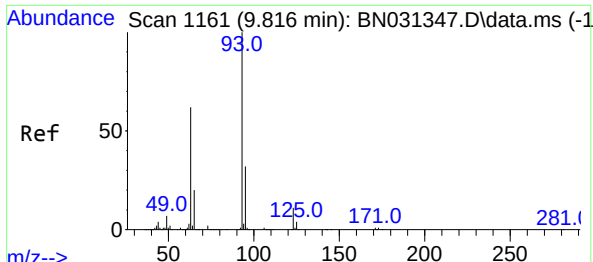
Tgt Ion: 77 Resp: 305352
Ion Ratio Lower Upper
77 100
123 47.9 37.3 55.9
65 13.2 10.8 16.2



#23
Isophorone
Concen: 26.798 ng/ul
RT: 9.328 min Scan# 1078
Delta R.T. -0.006 min
Lab File: BN031349.D
Acq: 01 May 2024 14:18

Tgt Ion: 82 Resp: 597745
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 18.5 14.8 22.2



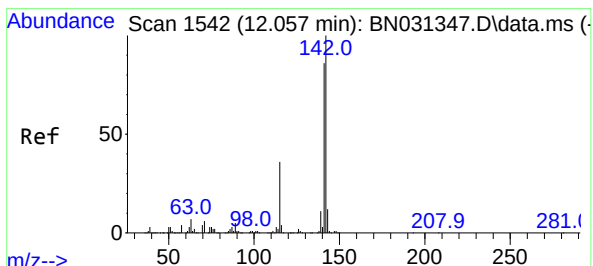
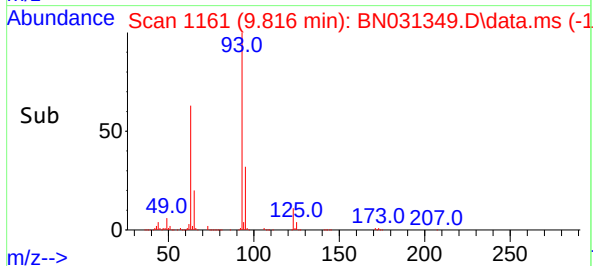
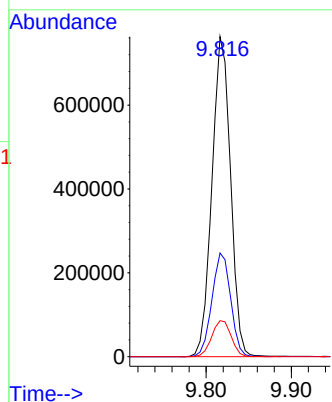
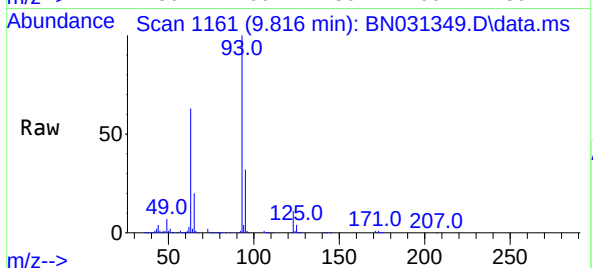


#27
 Bis(2-Chloroethoxy)methane
 Concen: 82.489 ng/ul
 RT: 9.816 min Scan# 1161
 Delta R.T. 0.000 min
 Lab File: BN031349.D
 Acq: 01 May 2024 14:18

Instrument :
 BNA_N
 ClientSampleId :
 XA398

Tgt Ion: 93 Resp: 1157311

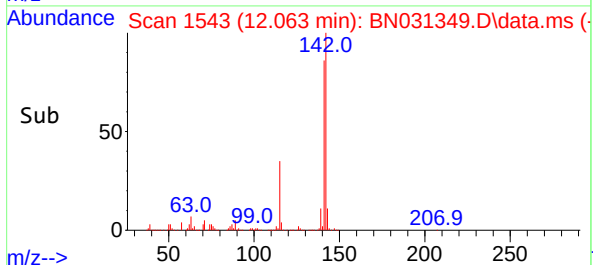
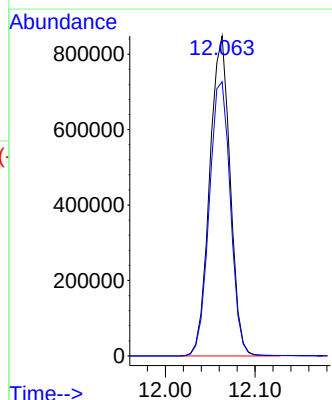
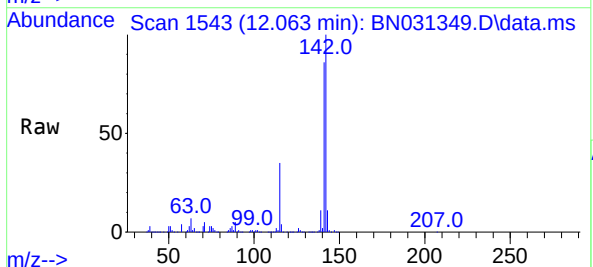
Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.9	38.9
123	11.3	9.4	14.0

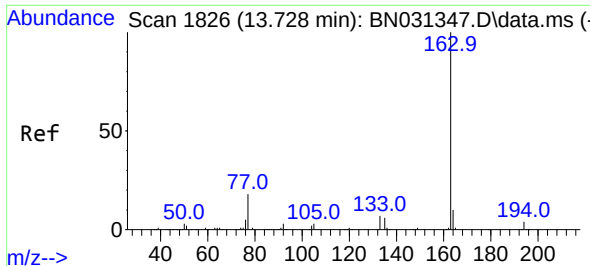


#36
 2-Methylnaphthalene
 Concen: 58.371 ng/ul
 RT: 12.063 min Scan# 1543
 Delta R.T. 0.000 min
 Lab File: BN031349.D
 Acq: 01 May 2024 14:18

Tgt Ion: 142 Resp: 1344279

Ion	Ratio	Lower	Upper
142	100		
141	85.7	75.0	112.4

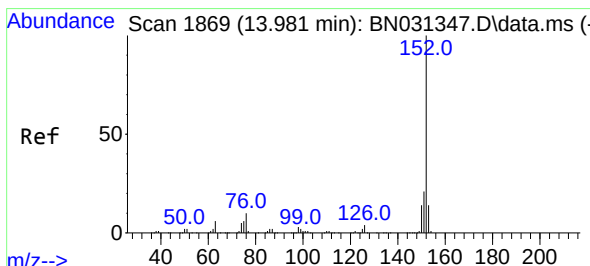
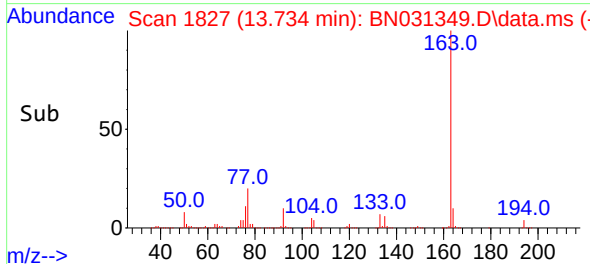
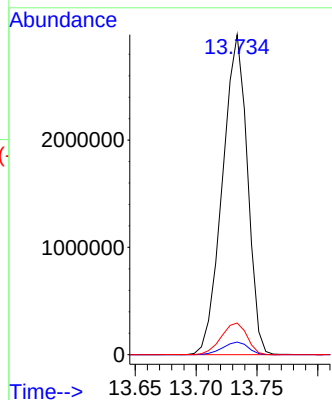
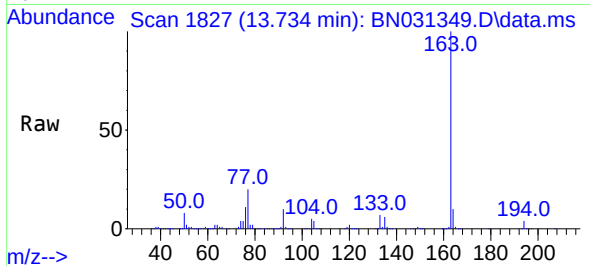




#47
Dimethylphthalate
Concen: 153.030 ng/ul
RT: 13.734 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BN031349.D
Acq: 01 May 2024 14:18

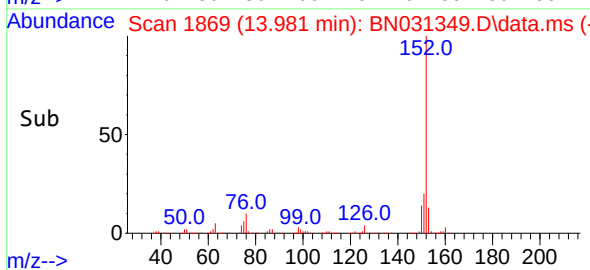
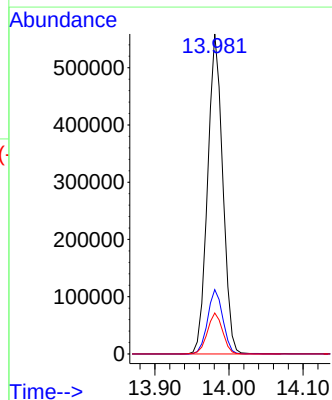
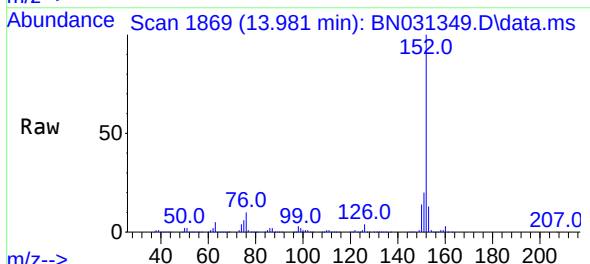
Instrument :
BNA_N
ClientSampleId :
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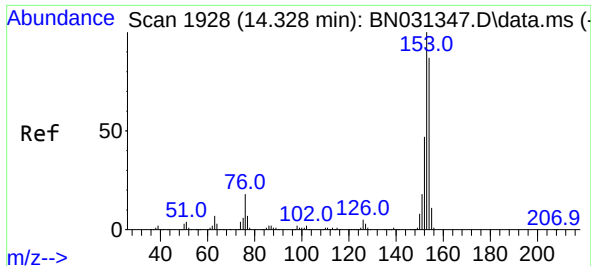
Tgt Ion:163 Resp: 4250547
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 8.1 12.1



#50
Acenaphthylene
Concen: 22.151 ng/ul
RT: 13.981 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BN031349.D
Acq: 01 May 2024 14:18

Tgt Ion:152 Resp: 792879
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 12.8 10.6 15.8

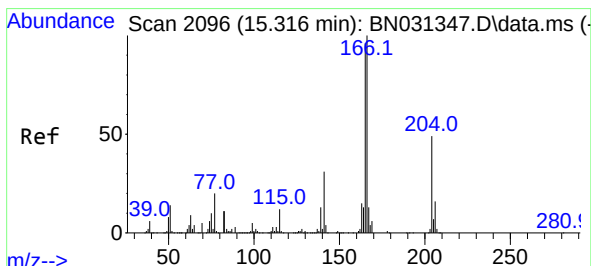
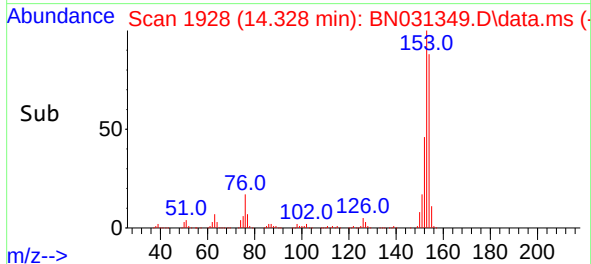
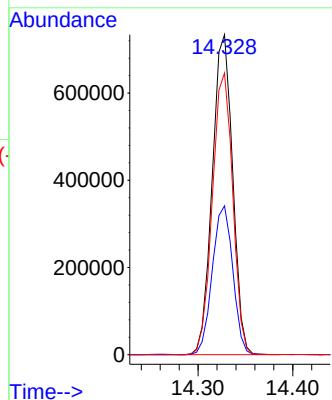
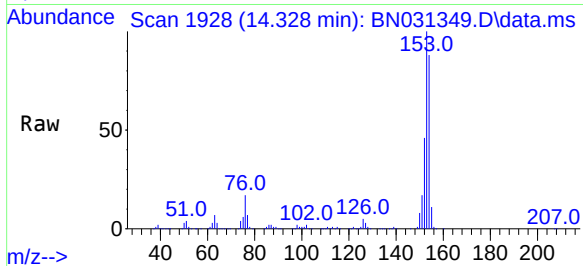




#52
Acenaphthene
Concen: 46.140 ng/u1
RT: 14.328 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BN031349.D
Acq: 01 May 2024 14:18

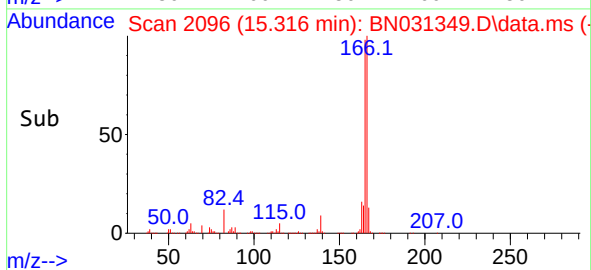
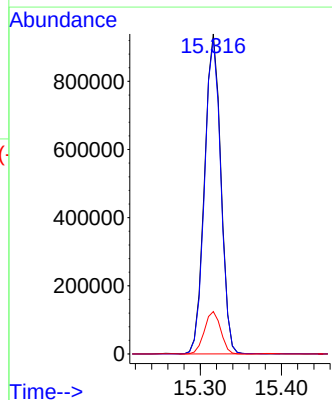
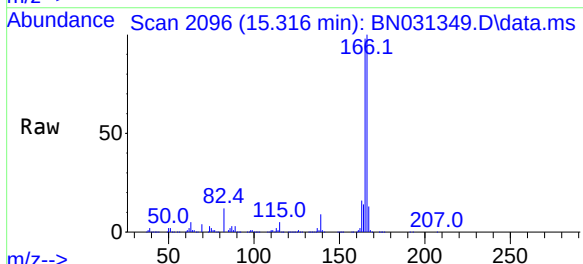
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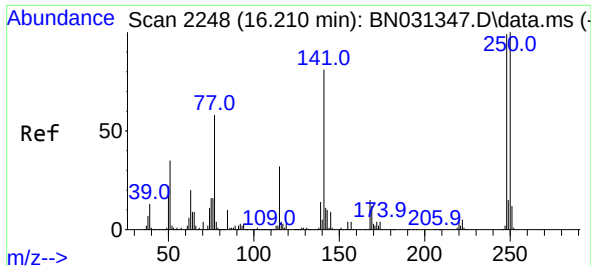
Tgt Ion:153 Resp: 1095561
Ion Ratio Lower Upper
153 100
152 46.5 38.3 57.5
154 88.0 70.7 106.1



#61
Fluorene
Concen: 50.870 ng/u1
RT: 15.316 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN031349.D
Acq: 01 May 2024 14:18

Tgt Ion:166 Resp: 1307667
Ion Ratio Lower Upper
166 100
165 98.4 77.9 116.9
167 13.3 10.9 16.3



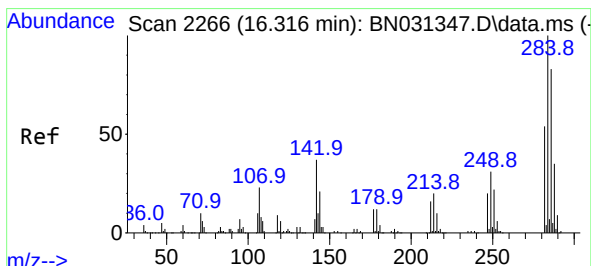
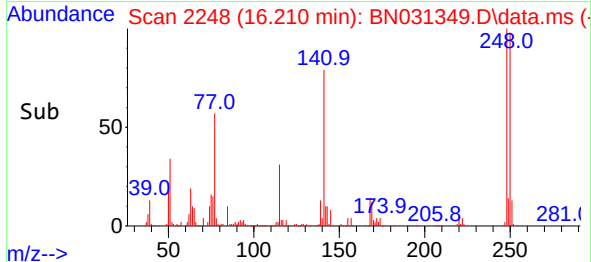
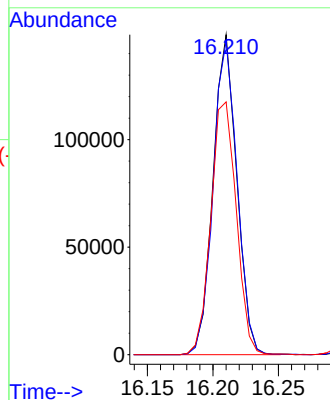
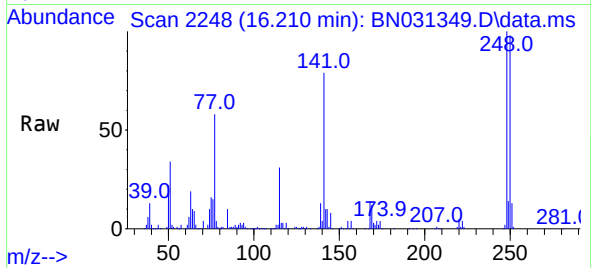


#68
 4-Bromophenyl-phenylether
 Concen: 23.831 ng/ul
 RT: 16.210 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN031349.D
 Acq: 01 May 2024 14:18

Instrument :
 BNA_N
 ClientSampleId :
 XA398

Tgt Ion:248 Resp: 186875

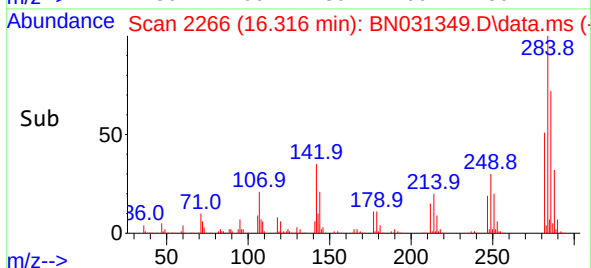
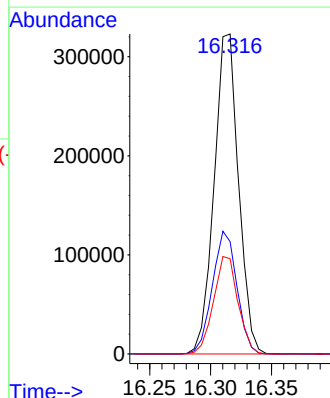
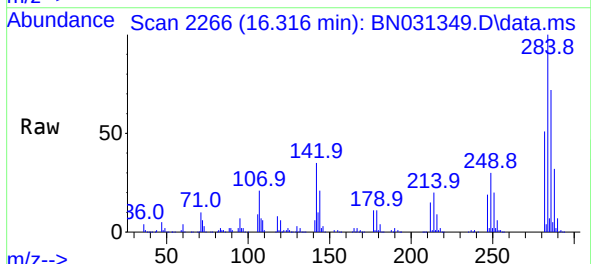
Ion	Ratio	Lower	Upper
248	100		
250	97.9	79.6	119.4
141	79.0	61.7	92.5

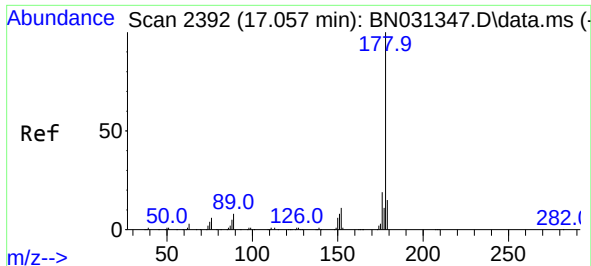


#69
 Hexachlorobenzene
 Concen: 49.762 ng/ul
 RT: 16.316 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: BN031349.D
 Acq: 01 May 2024 14:18

Tgt Ion:284 Resp: 450005

Ion	Ratio	Lower	Upper
284	100		
142	35.1	31.0	46.4
249	29.8	25.5	38.3

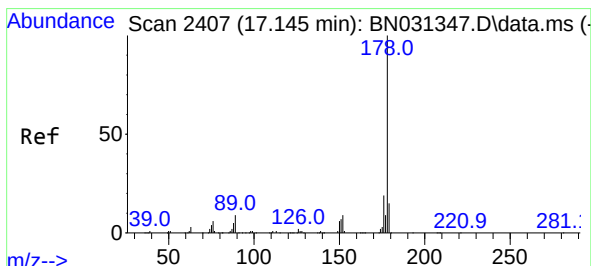
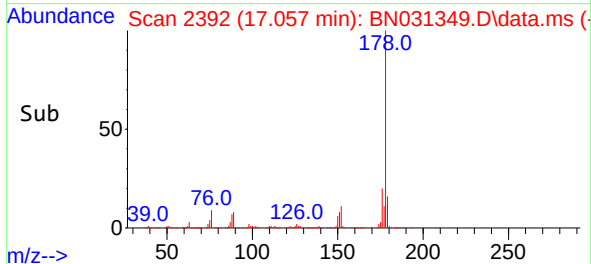
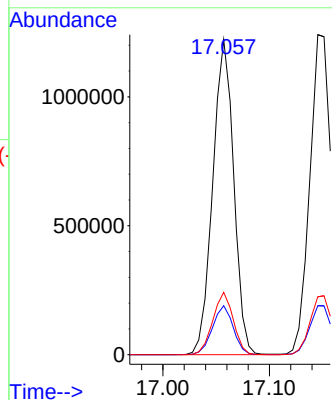
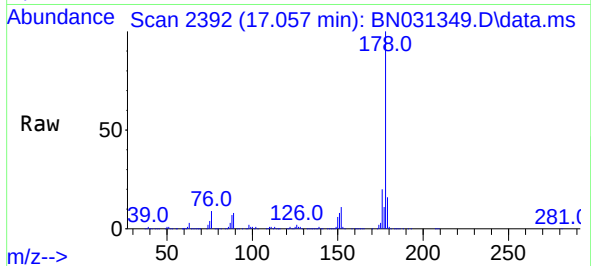




#72
Phenanthrene
Concen: 40.209 ng/u1
RT: 17.057 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN031349.D
Acq: 01 May 2024 14:18

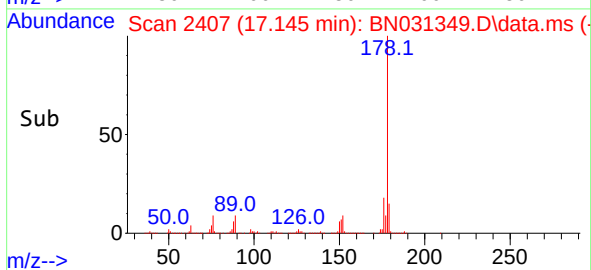
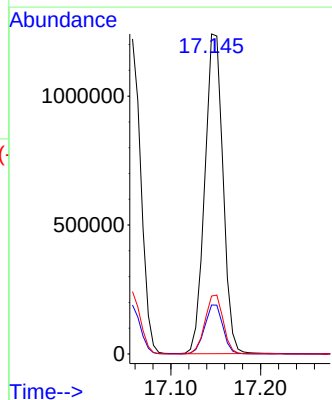
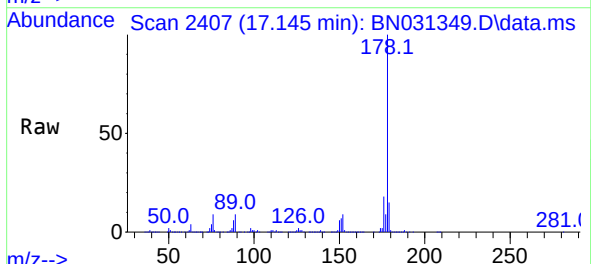
Instrument :
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XA398

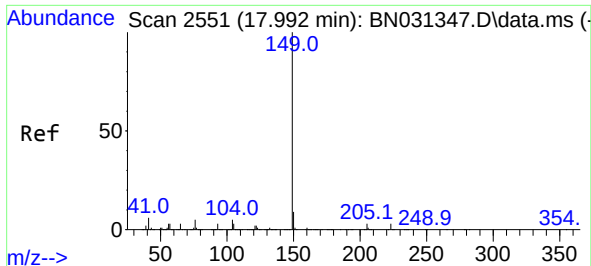
Tgt Ion:178 Resp: 1667974
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 19.8 15.6 23.4



#74
Anthracene
Concen: 42.103 ng/u1
RT: 17.145 min Scan# 2407
Delta R.T. 0.000 min
Lab File: BN031349.D
Acq: 01 May 2024 14:18

Tgt Ion:178 Resp: 1746618
Ion Ratio Lower Upper
178 100
179 15.3 12.0 18.0
176 18.1 15.1 22.7

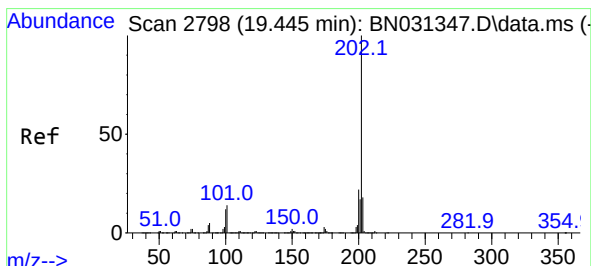
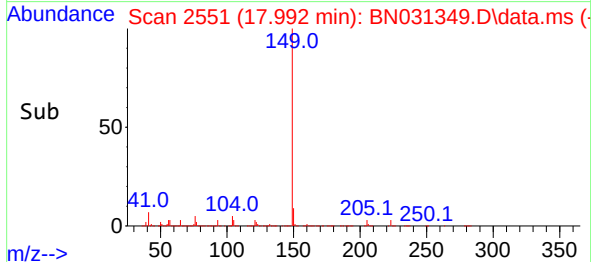
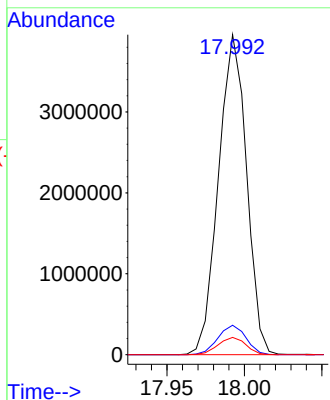
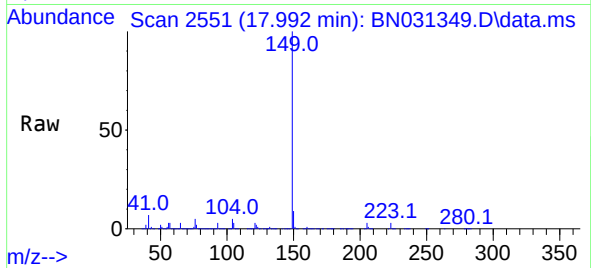




#78
Di-n-butylphthalate
Concen: 105.950 ng/u1
RT: 17.992 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BN031349.D
Acq: 01 May 2024 14:18

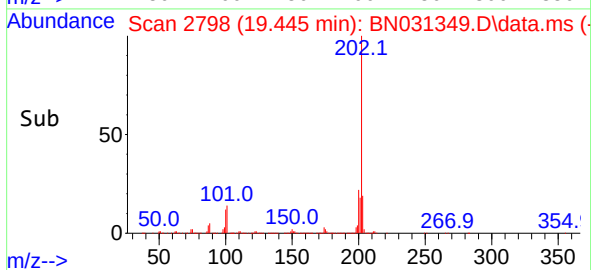
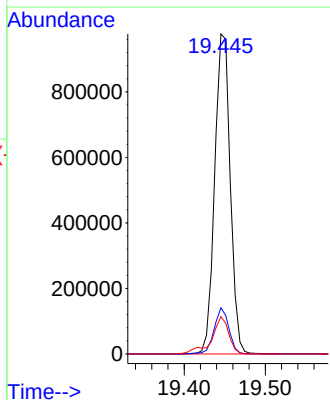
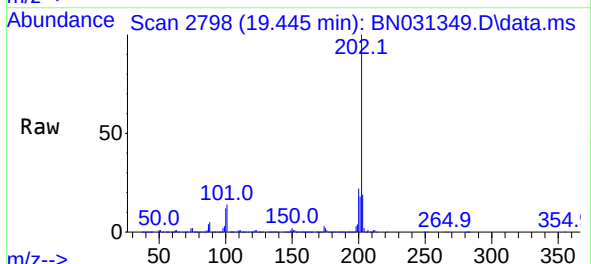
Instrument :
BNA_N
ClientSampleId :
XA398

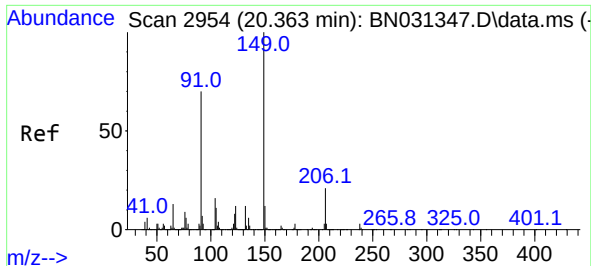
Tgt Ion:149 Resp: 4974862
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.4 4.0 6.0



#82
Pyrene
Concen: 22.222 ng/u1
RT: 19.445 min Scan# 2798
Delta R.T. 0.000 min
Lab File: BN031349.D
Acq: 01 May 2024 14:18

Tgt Ion:202 Resp: 1302373
Ion Ratio Lower Upper
202 100
101 14.4 11.0 16.6
100 11.6 9.2 13.8

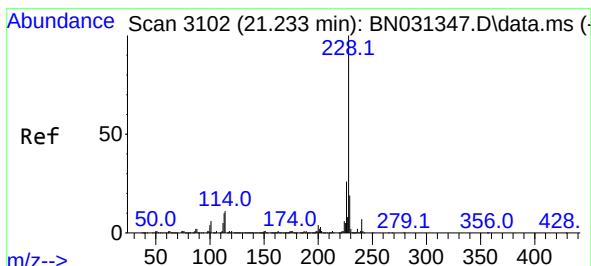
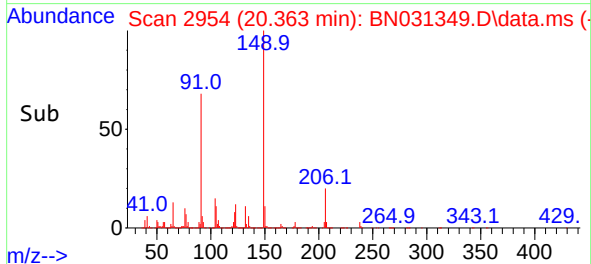
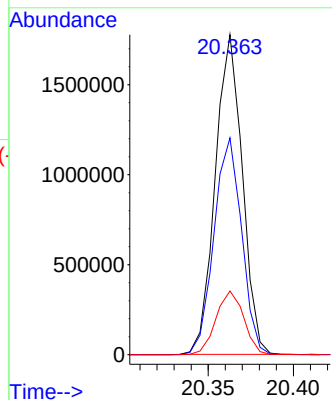
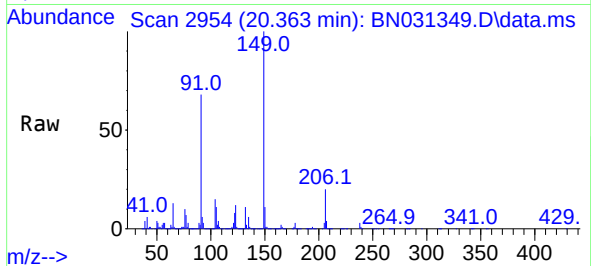




#83
Butylbenzylphthalate
Concen: 80.316 ng/ul
RT: 20.363 min Scan# 2954
Delta R.T. 0.006 min
Lab File: BN031349.D
Acq: 01 May 2024 14:18

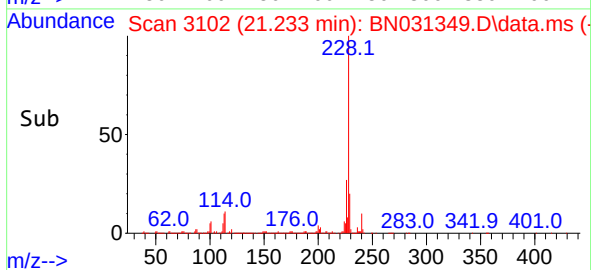
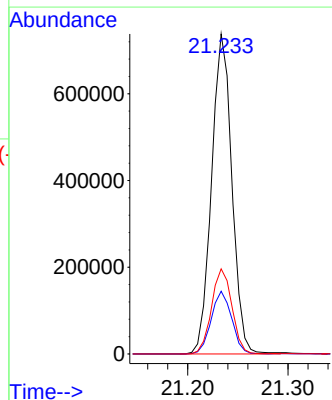
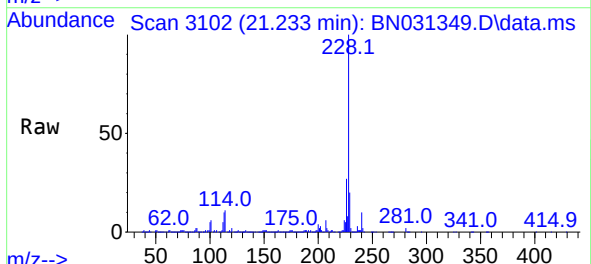
Instrument :
BNA_N
ClientSampleId :
XA398

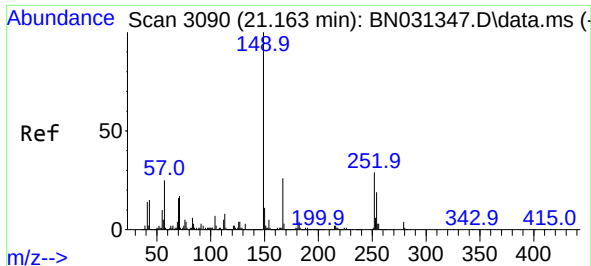
Tgt Ion:149 Resp: 1966584
Ion Ratio Lower Upper
149 100
91 67.8 56.8 85.2
206 19.9 15.7 23.5



#85
Benzo(a)anthracene
Concen: 20.260 ng/ul
RT: 21.233 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BN031349.D
Acq: 01 May 2024 14:18

Tgt Ion:228 Resp: 1040455
Ion Ratio Lower Upper
228 100
229 19.6 15.9 23.9
226 26.6 21.1 31.7

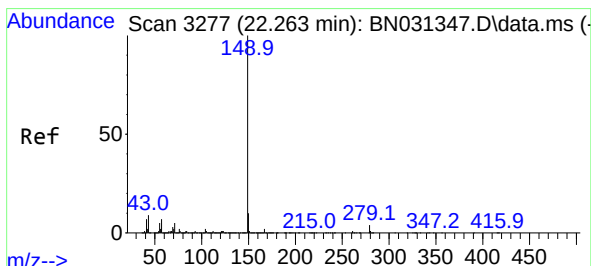
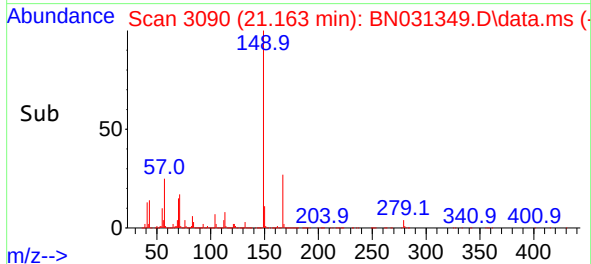
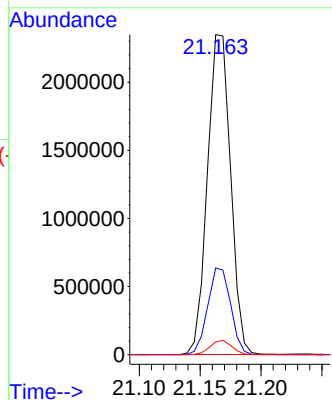
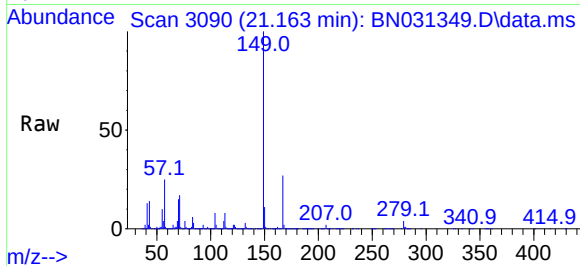




#86
Bis(2-ethylhexyl)phthalate
Concen: 96.451 ng/ul
RT: 21.163 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BN031349.D
Acq: 01 May 2024 14:18

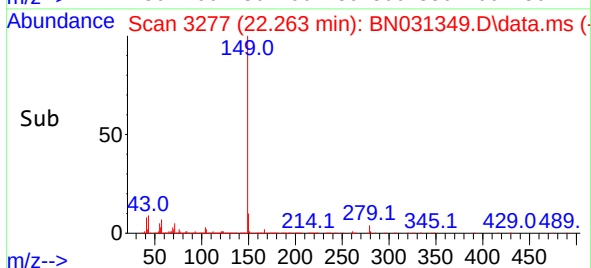
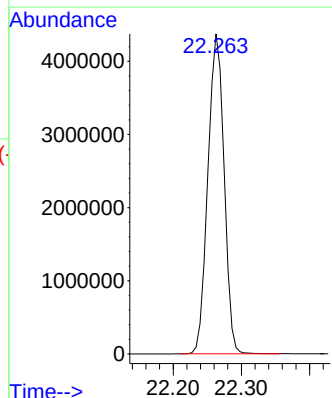
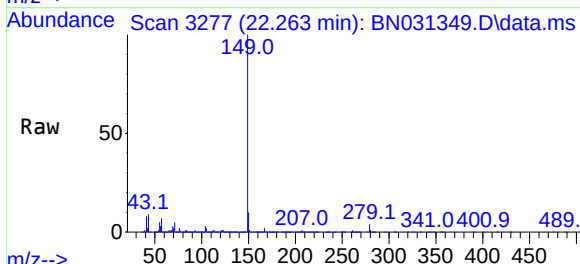
Instrument :
BNA_N
ClientSampleId :
XA398

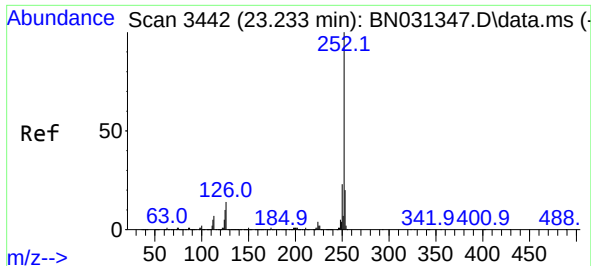
Tgt Ion:149 Resp: 3107225
Ion Ratio Lower Upper
149 100
167 27.1 22.1 33.1
279 4.0 3.4 5.0



#89
Di-n-octyl phthalate
Concen: 105.405 ng/ul
RT: 22.263 min Scan# 3277
Delta R.T. 0.006 min
Lab File: BN031349.D
Acq: 01 May 2024 14:18

Tgt Ion:149 Resp: 7238583

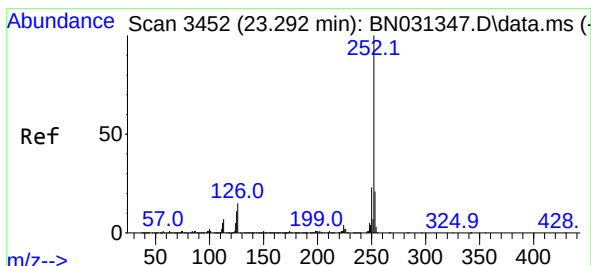
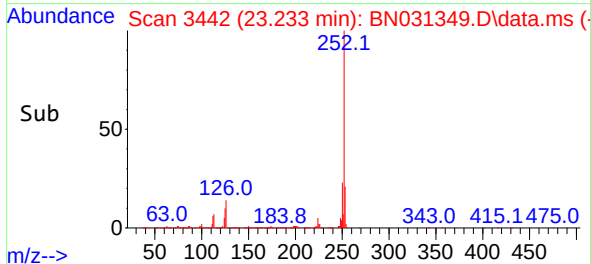
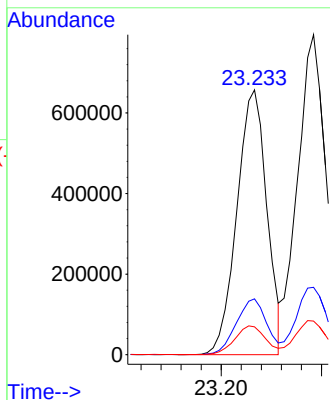
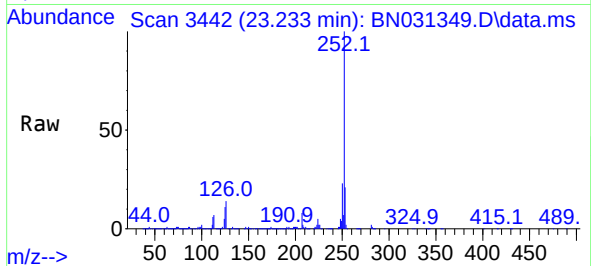




#90
Benzo(b)fluoranthene
Concen: 24.240 ng/ul
RT: 23.233 min Scan# 3442
Delta R.T. 0.012 min
Lab File: BN031349.D
Acq: 01 May 2024 14:18

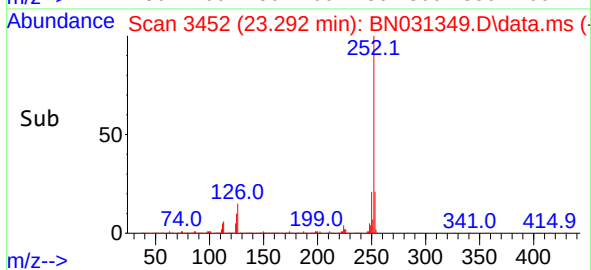
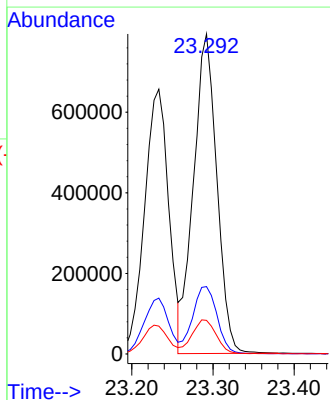
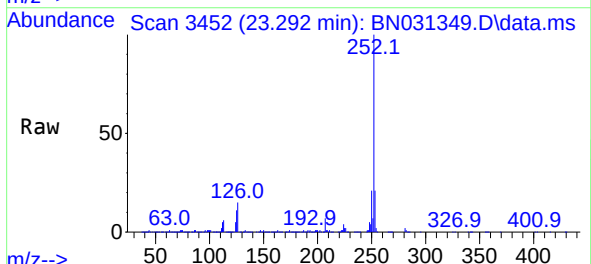
Instrument :
BNA_N
ClientSampleId :
XA398

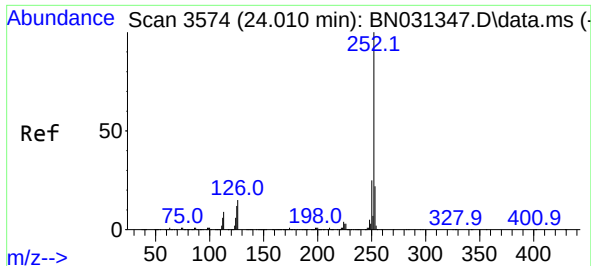
Tgt Ion:252 Resp: 1361544
Ion Ratio Lower Upper
252 100
253 21.1 15.7 23.5
125 10.5 8.6 13.0



#91
Benzo(k)fluoranthene
Concen: 28.630 ng/ul
RT: 23.292 min Scan# 3452
Delta R.T. 0.006 min
Lab File: BN031349.D
Acq: 01 May 2024 14:18

Tgt Ion:252 Resp: 1581520
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.8
125 10.5 8.7 13.1

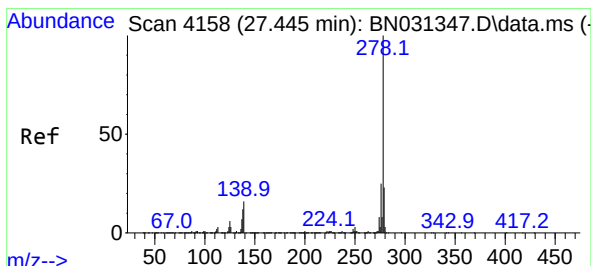
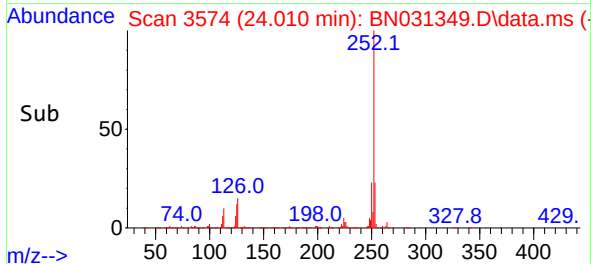
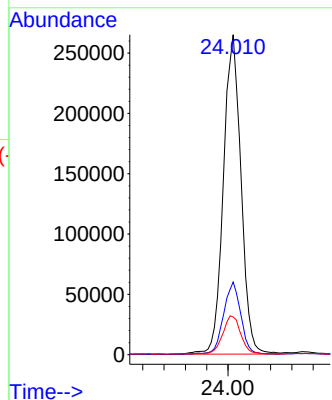
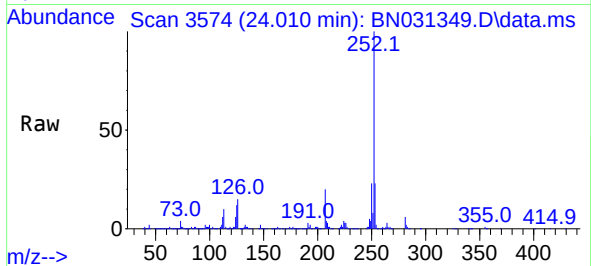




#93
Benzo(a)pyrene
Concen: 12.116 ng/ul
RT: 24.010 min Scan# 31
Delta R.T. 0.012 min
Lab File: BN031349.D
Acq: 01 May 2024 14:18

Instrument :
BNA_N
ClientSampleId :
XA398

Tgt Ion:252 Resp: 608698
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 11.8 9.7 14.5



#95
Dibenzo(a,h)anthracene
Concen: 44.319 ng/ul
RT: 27.439 min Scan# 4157
Delta R.T. 0.012 min
Lab File: BN031349.D
Acq: 01 May 2024 14:18

Tgt Ion:278 Resp: 2095678
Ion Ratio Lower Upper
278 100
139 17.2 13.9 20.9
279 24.4 18.7 28.1

