

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
 Data File : BN033047.D
 Acq On : 27 Jul 2024 23:52
 Operator : MA/JU
 Sample : P3299-03
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20240717

Quant Time: Jul 29 01:09:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 21 23:33:21 2024
 Response via : Initial Calibration

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

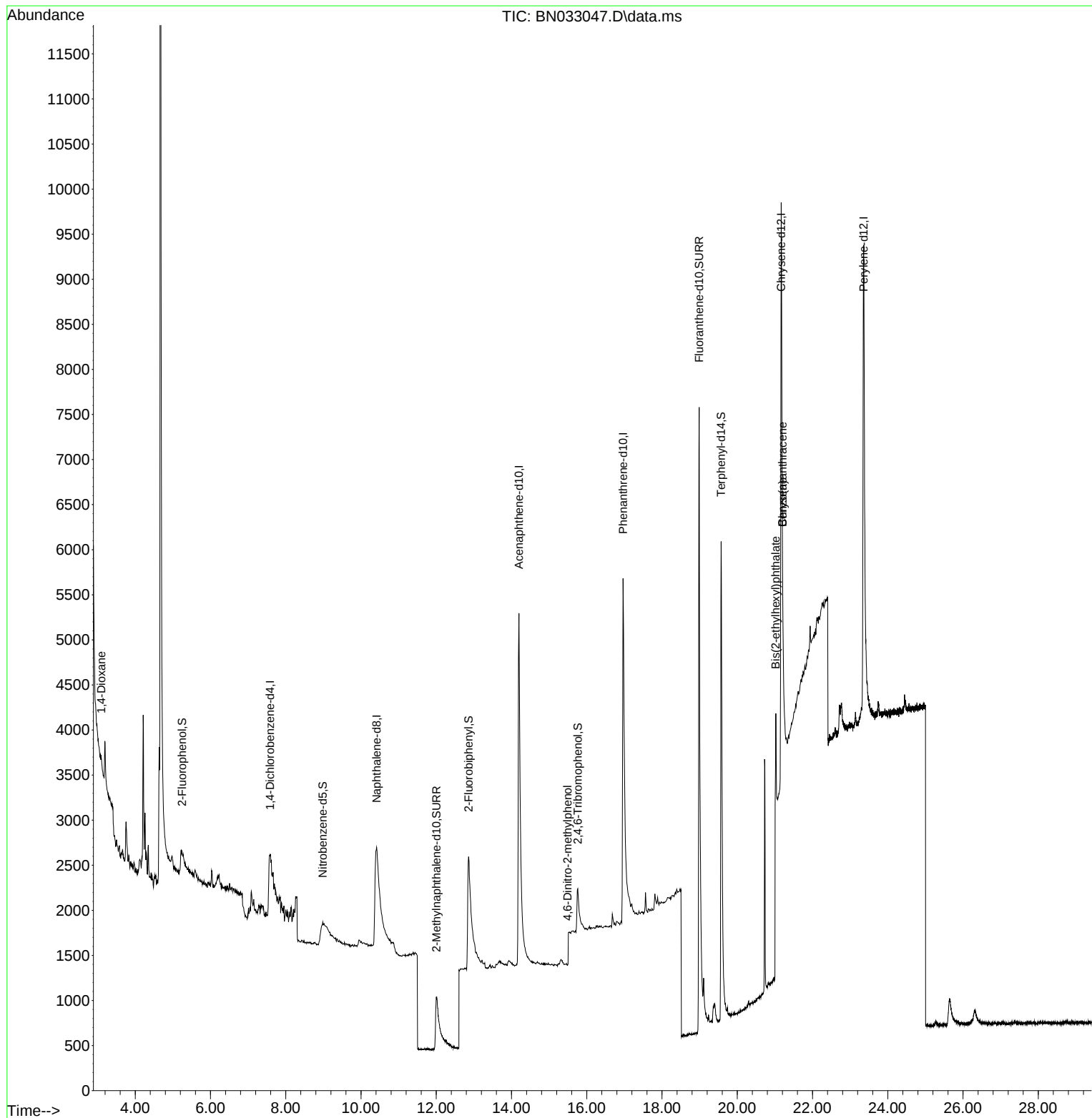
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	1389	0.400	ng	# 0.05
7) Naphthalene-d8	10.415	136	6942	0.400	ng	# 0.11
13) Acenaphthene-d10	14.197	164	5879	0.400	ng	0.02
19) Phenanthrene-d10	16.964	188	12090	0.400	ng	# 0.00
29) Chrysene-d12	21.167	240	11776	0.400	ng	0.00
35) Perylene-d12	23.359	264	11747	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.242	112	995	0.283	ng	0.07
5) Phenol-d6	6.816	99	3	0.001	ng	0.04
8) Nitrobenzene-d5	8.984	82	1035	0.198	ng	0.25
11) 2-Methylnaphthalene-d10	12.003	152	881	0.083	ng	0.09
14) 2,4,6-Tribromophenol	15.760	330	693	0.276	ng	0.03
15) 2-Fluorobiphenyl	12.861	172	4790	0.219	ng	0.05
27) Fluoranthene-d10	18.985	212	12321	0.394	ng	0.00
31) Terphenyl-d14	19.570	244	10794	0.447	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.097	88	71	0.041	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.490	198	5	0.295	ng	# 4
32) Benzo(a)anthracene	21.203	228	804	0.022	ng	# 67
33) Chrysene	21.203	228	1282	0.029	ng	# 71
34) Bis(2-ethylhexyl)phtha...	21.024	149	3698	0.179	ng	# 94

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

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Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP-303-20240717

Quant Time: Jul 29 01:09:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
Response via : Initial Calibration

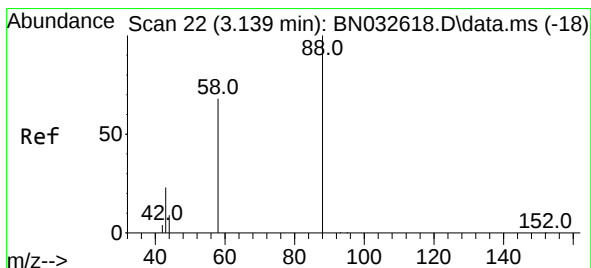
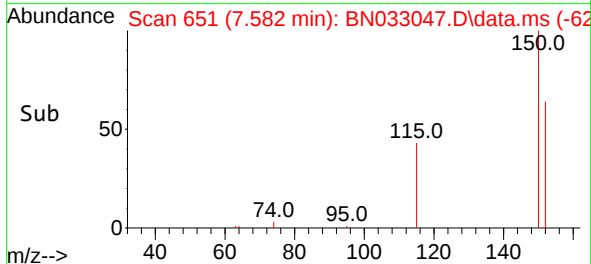
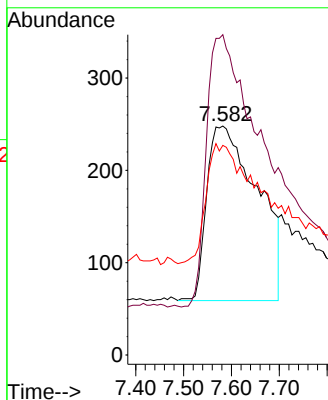
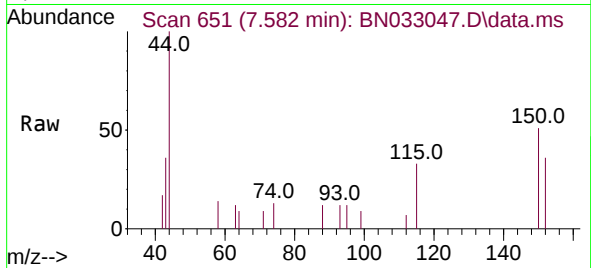




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.582 min Scan# 61
 Delta R.T. 0.051 min
 Lab File: BN033047.D
 Acq: 27 Jul 2024 23:52

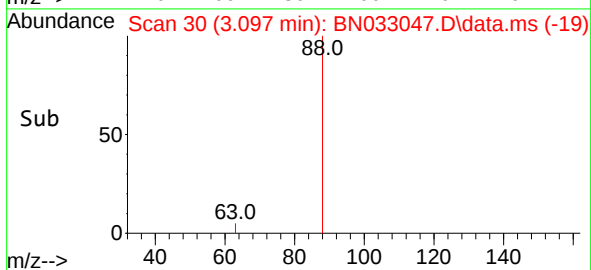
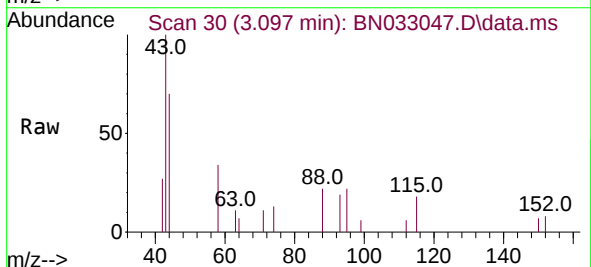
Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20240717

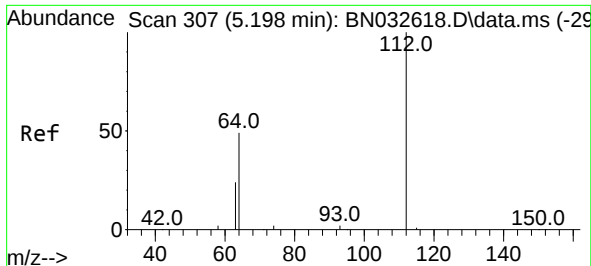
Tgt Ion:152 Resp: 1389
 Ion Ratio Lower Upper
 152 100
 150 139.9 123.8 185.6
 115 91.5 52.8 79.2#



#2
 1,4-Dioxane
 Concen: 0.041 ng
 RT: 3.097 min Scan# 30
 Delta R.T. -0.021 min
 Lab File: BN033047.D
 Acq: 27 Jul 2024 23:52

Tgt Ion: 88 Resp: 71
 Ion Ratio Lower Upper
 88 100
 43 0.0 18.4 27.6#
 58 66.2 49.2 73.8

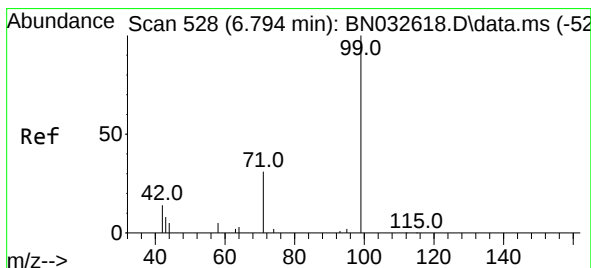
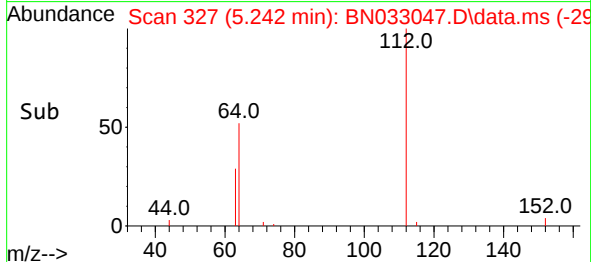
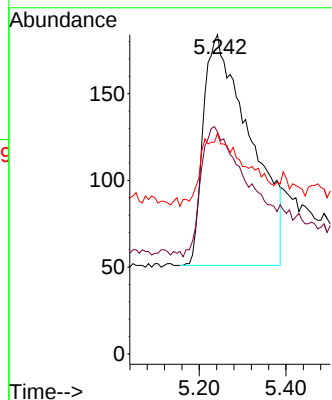
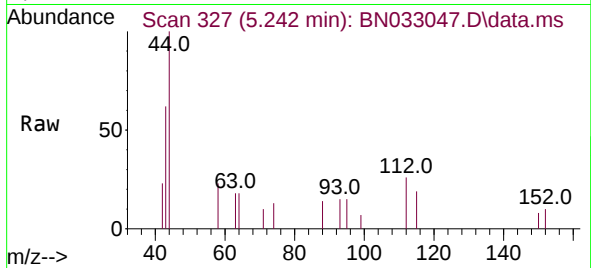




#4
2-Fluorophenol
Concen: 0.283 ng
RT: 5.242 min Scan# 31
Delta R.T. 0.066 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52

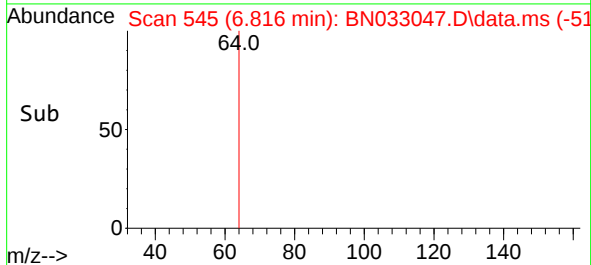
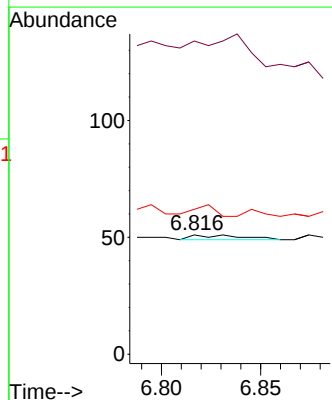
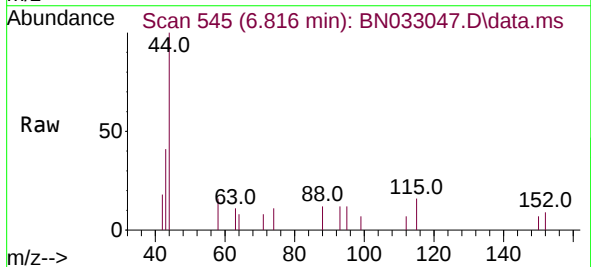
Instrument :
BNA_N
ClientSampleId :
SP-303-20240717

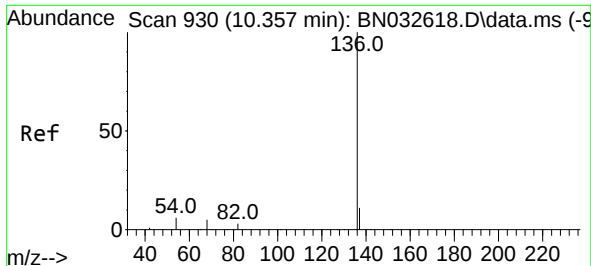
Tgt Ion:112 Resp: 995
Ion Ratio Lower Upper
112 100
64 57.8 40.2 60.4
63 30.7 22.2 33.4



#5
Phenol-d6
Concen: 0.001 ng
RT: 6.816 min Scan# 545
Delta R.T. 0.037 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52

Tgt Ion: 99 Resp: 3
Ion Ratio Lower Upper
99 100
42 0.0 10.5 15.7#
71 133.3 22.3 33.5#

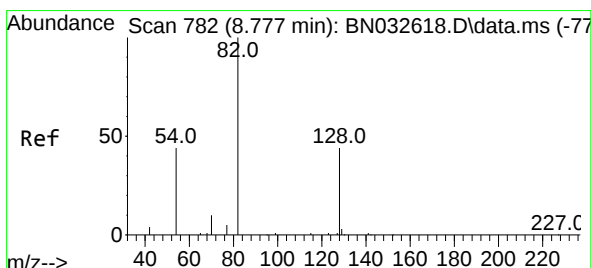
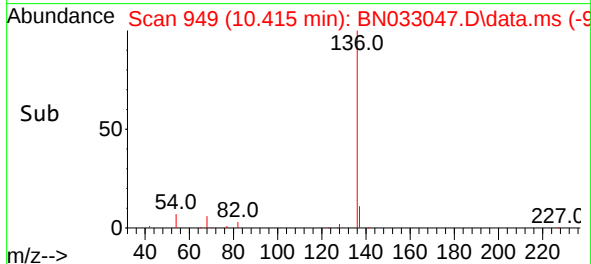
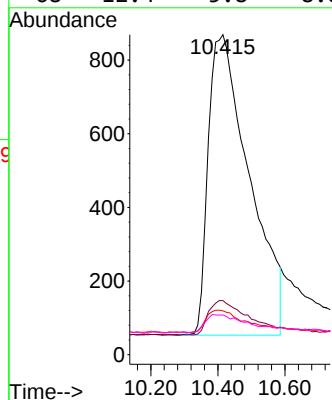
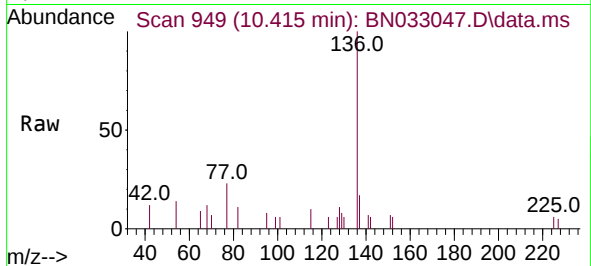




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.415 min Scan# 941
Delta R.T. 0.111 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52

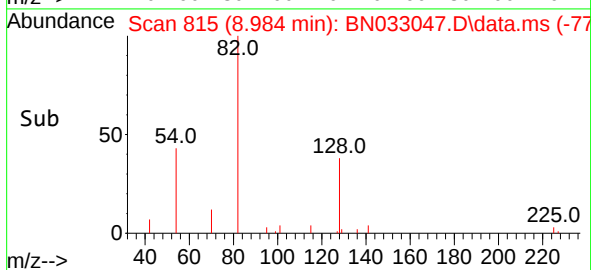
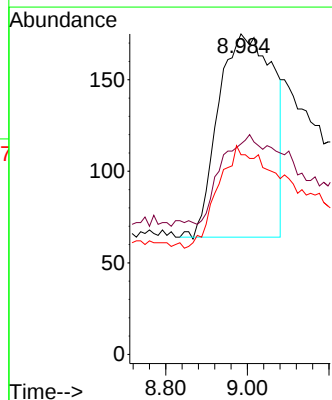
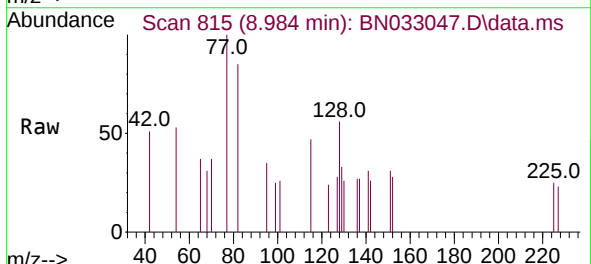
Instrument :
BNA_N
ClientSampleId :
SP-303-20240717

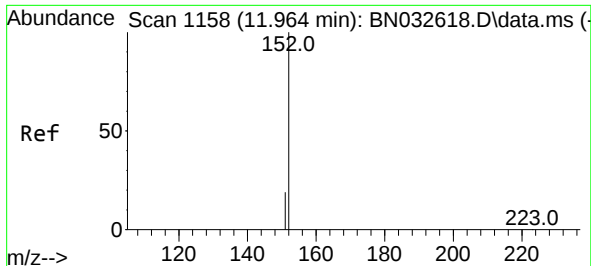
Tgt Ion:	136	Resp:	6942
Ion Ratio	Lower	Upper	
136	100		
137	16.9	9.9	14.9#
54	13.7	6.5	9.7#
68	12.4	5.8	8.8#



#8
Nitrobenzene-d5
Concen: 0.198 ng
RT: 8.984 min Scan# 815
Delta R.T. 0.250 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52

Tgt Ion:	82	Resp:	1035
Ion Ratio	Lower	Upper	
82	100		
128	65.7	41.7	62.5#
54	62.3	39.5	59.3#

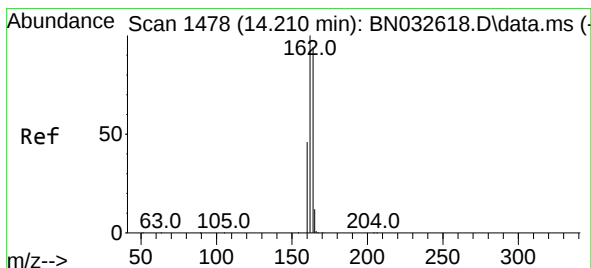
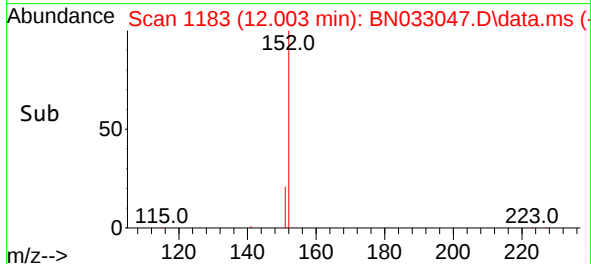
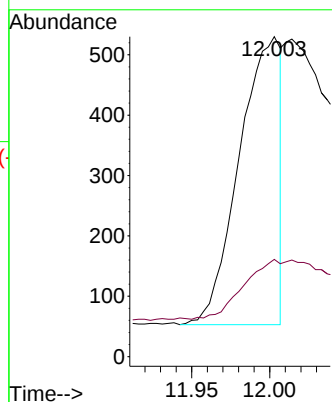
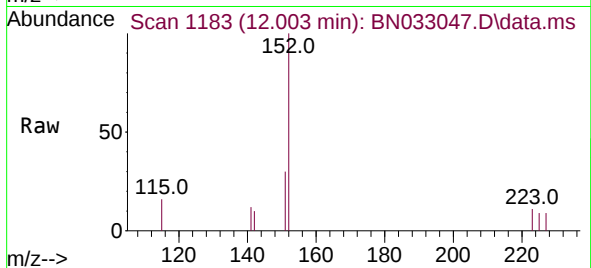




#11
2-Methylnaphthalene-d10
Concen: 0.083 ng
RT: 12.003 min Scan# 1158
Delta R.T. 0.088 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52

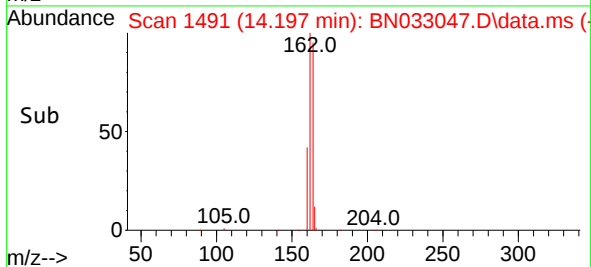
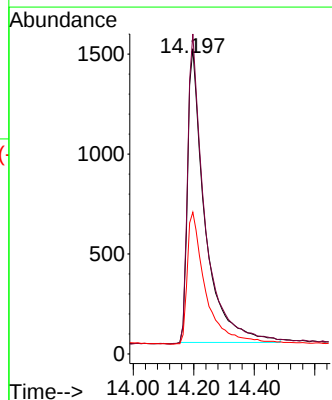
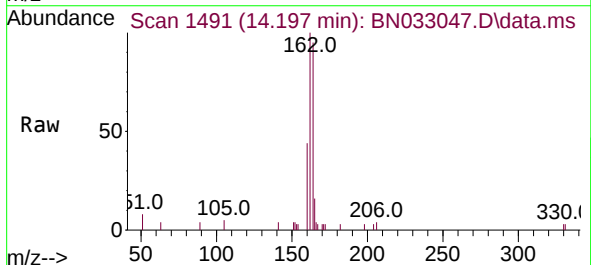
Instrument :
BNA_N
ClientSampleId :
SP-303-20240717

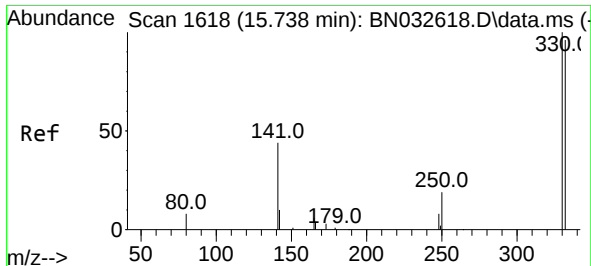
Tgt Ion:152 Resp: 881
Ion Ratio Lower Upper
152 100
151 18.4 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.197 min Scan# 1491
Delta R.T. 0.019 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52

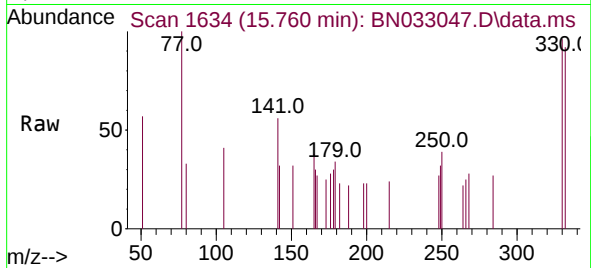
Tgt Ion:164 Resp: 5879
Ion Ratio Lower Upper
164 100
162 104.8 85.0 127.4
160 46.4 39.4 59.2



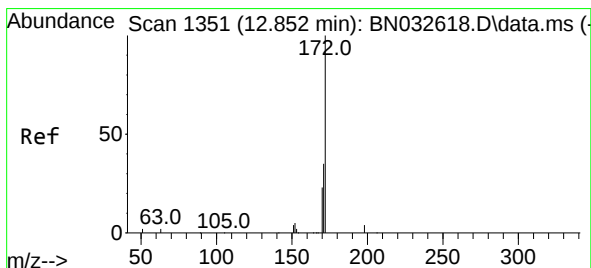
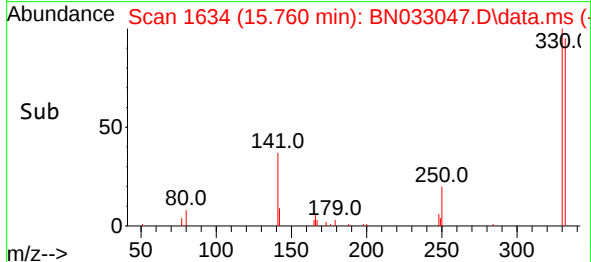
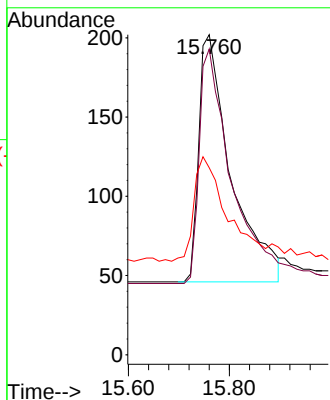


#14
2,4,6-Tribromophenol
Concen: 0.276 ng
RT: 15.760 min Scan# 1634
Delta R.T. 0.035 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52

Instrument :
BNA_N
ClientSampleId :
SP-303-20240717

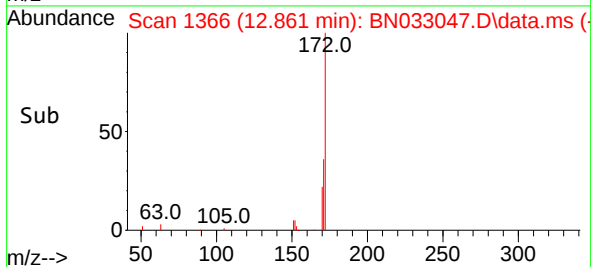
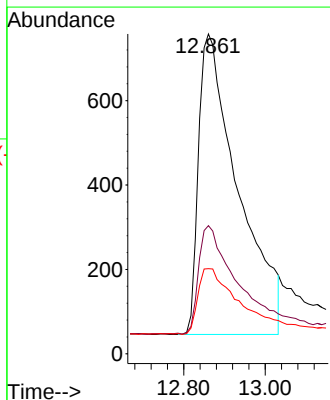
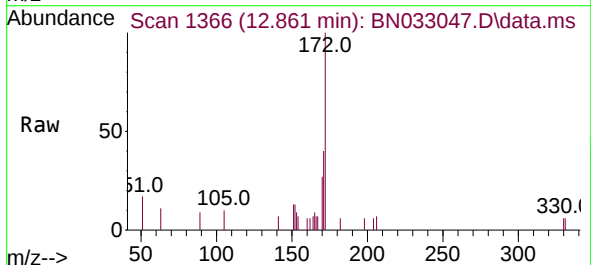


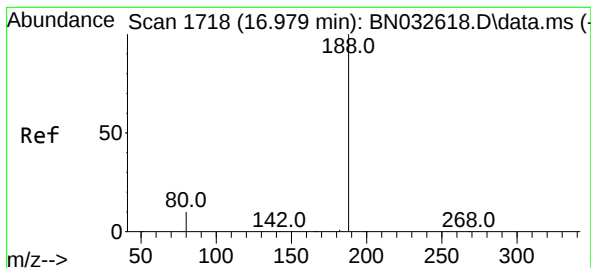
Tgt Ion:330 Resp: 693
Ion Ratio Lower Upper
330 100
332 94.7 77.8 116.8
141 45.7 34.2 51.2



#15
2-Fluorobiphenyl
Concen: 0.219 ng
RT: 12.861 min Scan# 1366
Delta R.T. 0.051 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52

Tgt Ion:172 Resp: 4790
Ion Ratio Lower Upper
172 100
171 40.1 28.6 43.0
170 26.6 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.964 min Scan# 11

Delta R.T. 0.010 min

Lab File: BN033047.D

Acq: 27 Jul 2024 23:52

Instrument :

BNA_N

ClientSampleId :

SP-303-20240717

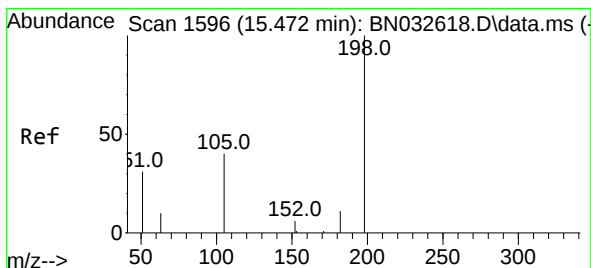
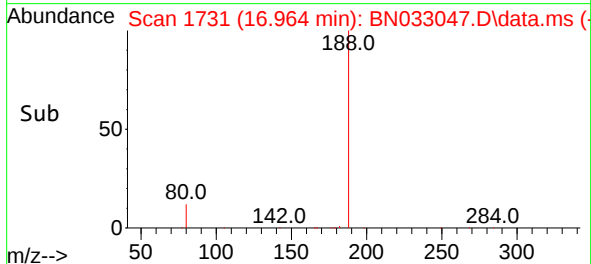
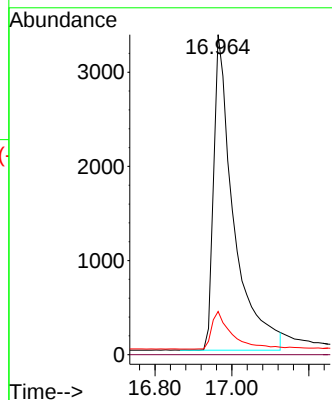
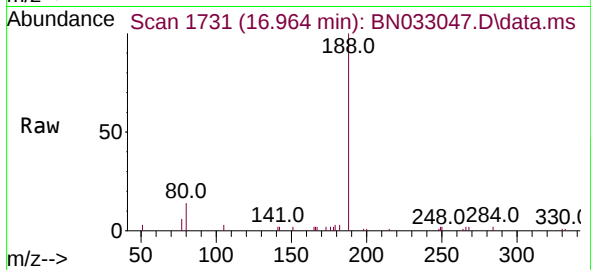
Tgt Ion:188 Resp: 12090

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.5 8.8 13.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.295 ng

RT: 15.490 min Scan# 1612

Delta R.T. 0.018 min

Lab File: BN033047.D

Acq: 27 Jul 2024 23:52

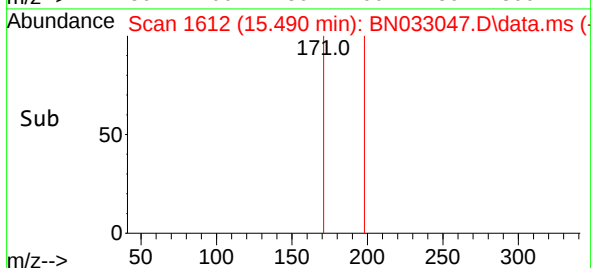
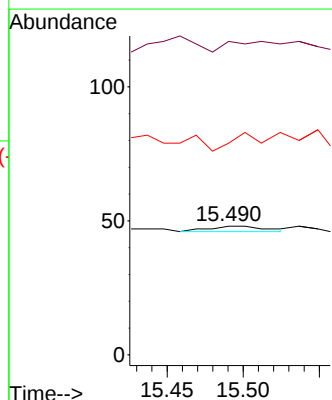
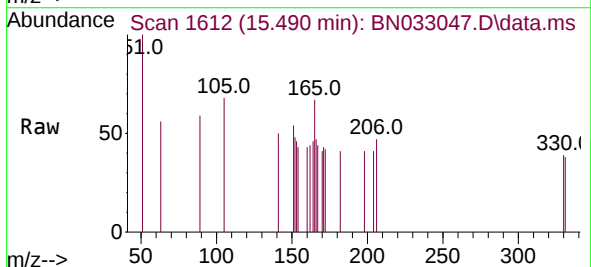
Tgt Ion:198 Resp: 5

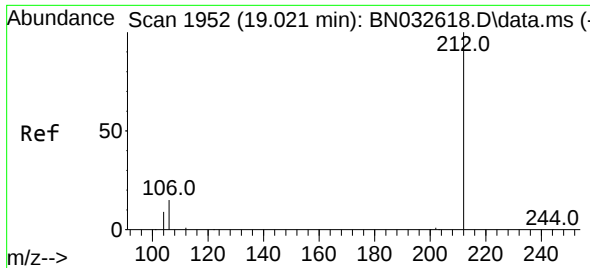
Ion Ratio Lower Upper

198 100

51 243.8 105.7 158.5#

105 164.6 63.0 94.6#

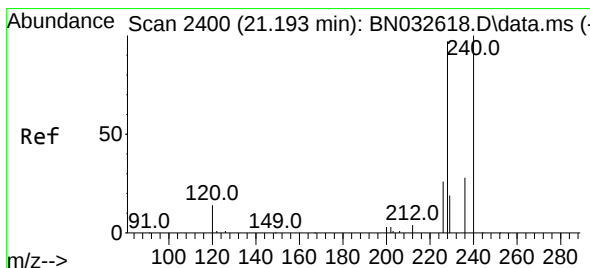
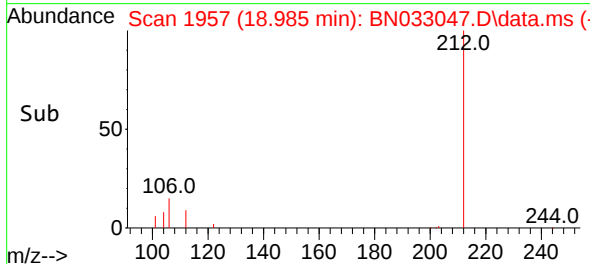
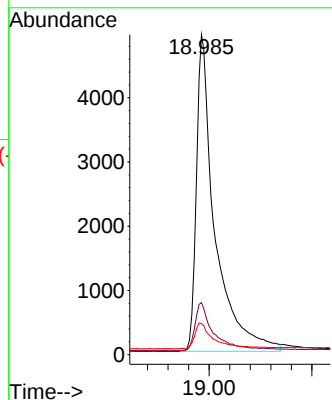
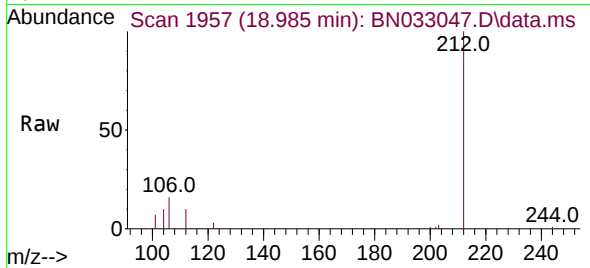




#27
Fluoranthene-d10
Concen: 0.394 ng
RT: 18.985 min Scan# 1957
Delta R.T. -0.009 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52

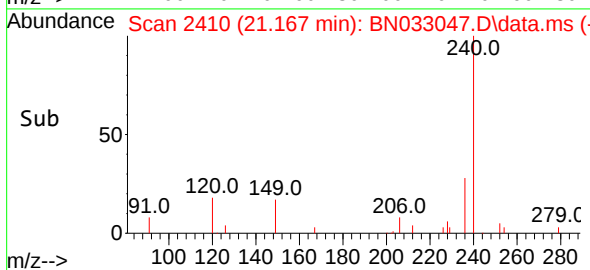
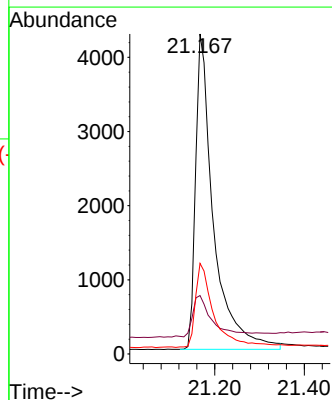
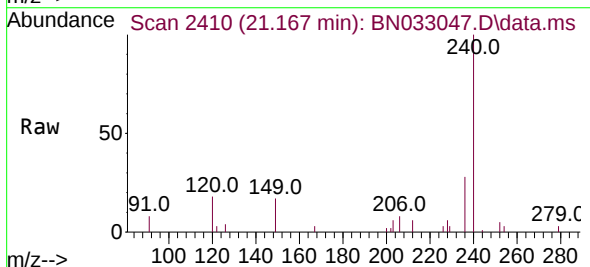
Instrument :
BNA_N
ClientSampleId :
SP-303-20240717

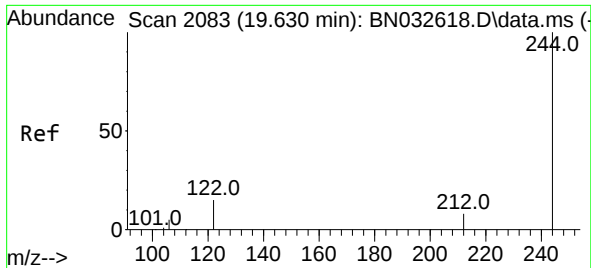
Tgt Ion:212 Resp: 12321
Ion Ratio Lower Upper
212 100
106 15.3 11.9 17.9
104 8.3 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.167 min Scan# 2410
Delta R.T. 0.001 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52

Tgt Ion:240 Resp: 11776
Ion Ratio Lower Upper
240 100
120 18.3 14.8 22.2
236 28.3 23.3 34.9

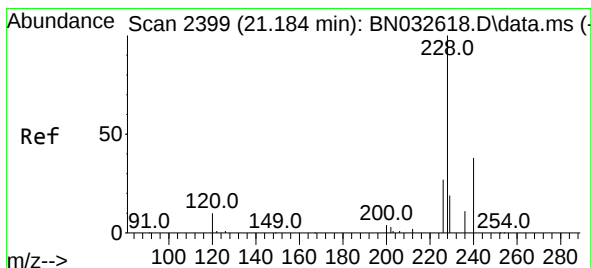
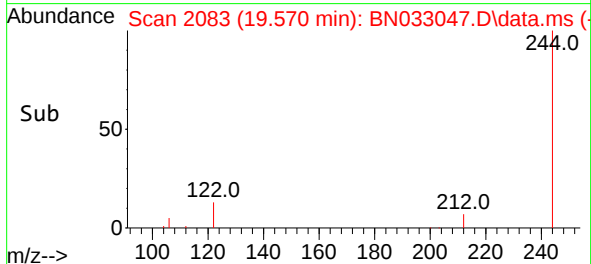
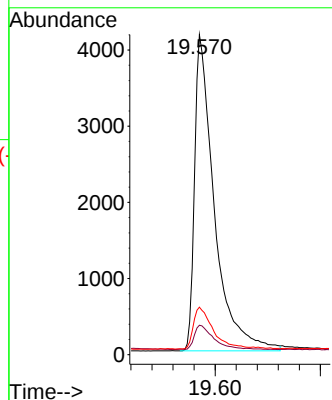
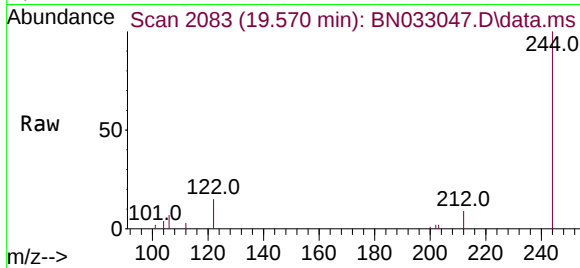




#31
Terphenyl-d14
Concen: 0.447 ng
RT: 19.570 min Scan# 2083
Delta R.T. -0.023 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52

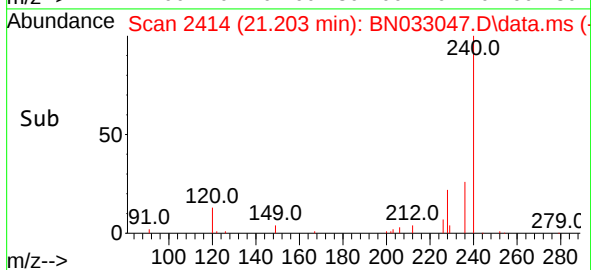
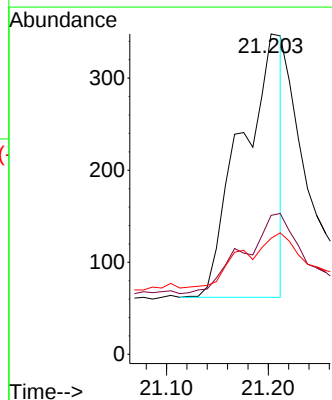
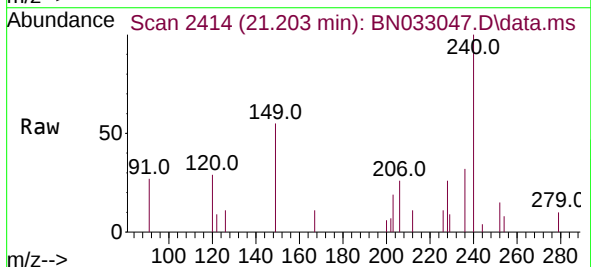
Instrument :
BNA_N
ClientSampleId :
SP-303-20240717

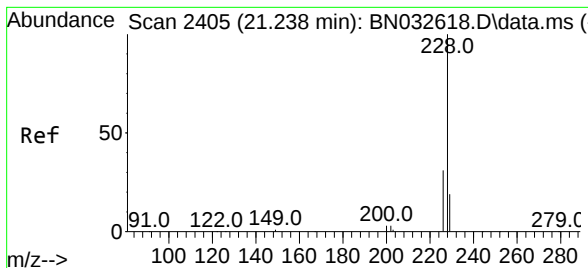
Tgt Ion:244 Resp: 10794
Ion Ratio Lower Upper
244 100
212 9.2 7.5 11.3
122 14.9 12.6 19.0



#32
Benzo(a)anthracene
Concen: 0.022 ng
RT: 21.203 min Scan# 2414
Delta R.T. 0.054 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52

Tgt Ion:228 Resp: 804
Ion Ratio Lower Upper
228 100
226 43.4 21.8 32.6#
229 36.2 16.0 24.0#





#33

Chrysene

Concen: 0.029 ng

RT: 21.203 min Scan# 2405

Delta R.T. 0.001 min

Lab File: BN033047.D

Acq: 27 Jul 2024 23:52

Instrument :

BNA_N

ClientSampleId :

SP-303-20240717

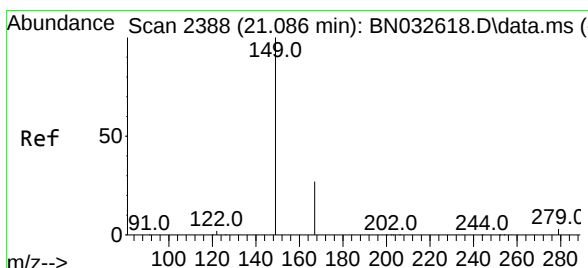
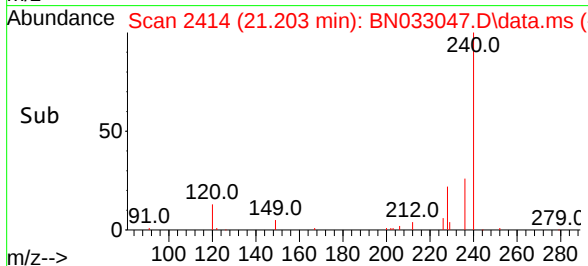
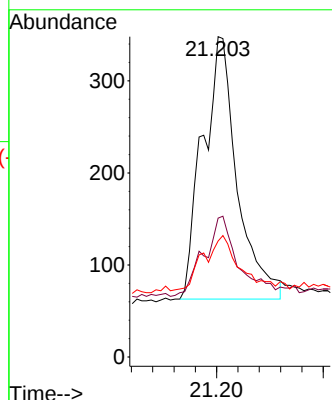
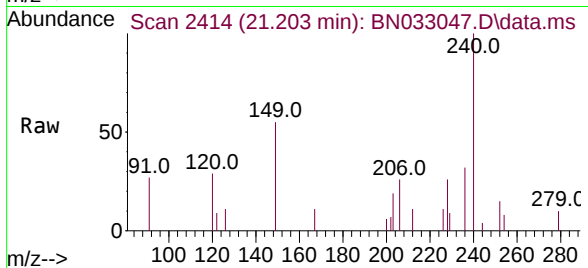
Tgt Ion:228 Resp: 1282

Ion Ratio Lower Upper

228 100

226 43.4 24.2 36.2#

229 36.2 16.0 24.0#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.179 ng

RT: 21.024 min Scan# 2394

Delta R.T. -0.026 min

Lab File: BN033047.D

Acq: 27 Jul 2024 23:52

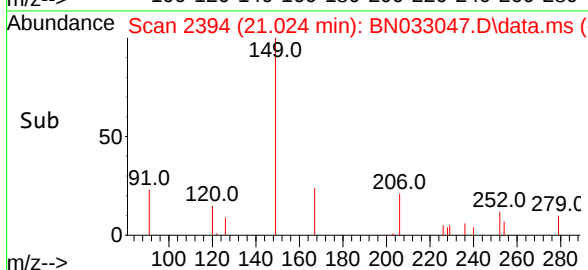
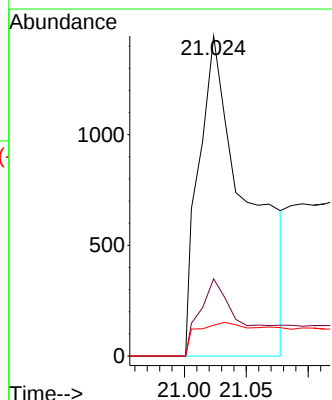
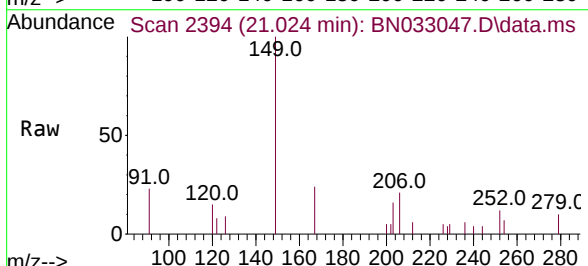
Tgt Ion:149 Resp: 3698

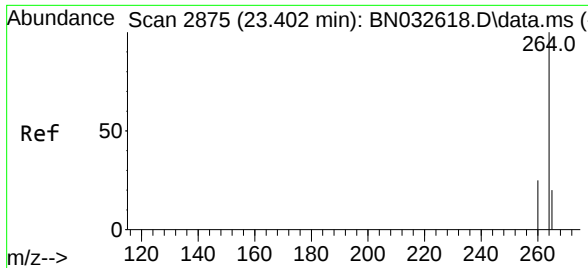
Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.2

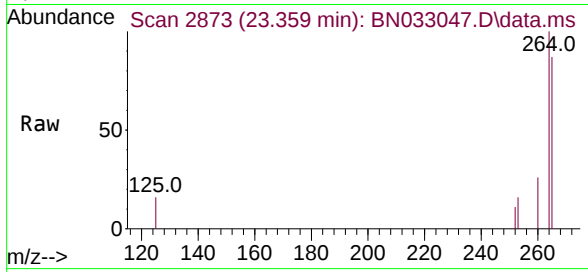
279 17.4 2.8 4.2#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.359 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52

Instrument :
BNA_N
ClientSampleId :
SP-303-20240717



Tgt Ion:264 Resp: 11747

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.9	31.3
265	86.7	85.4	128.2

