

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030821\
 Data File : BM029030.D
 Acq On : 08 Mar 2021 21:57
 Operator : CG/JU
 Sample : M1582-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RO-363

Quant Time: Mar 08 23:52:52 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 05 13:17:12 2021
 Response via : Initial Calibration

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

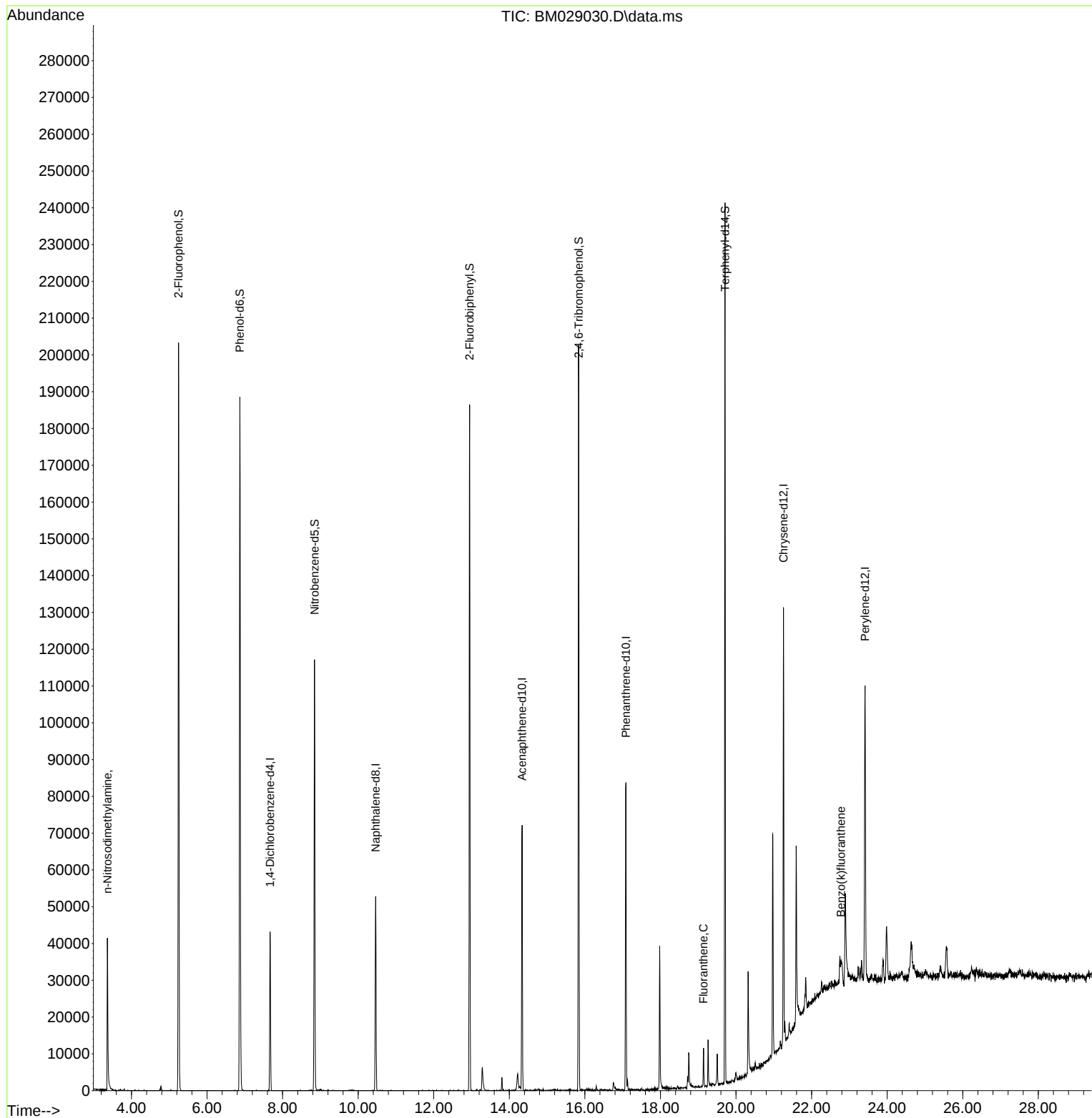
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	10732	20.00	ng	-0.01
21) Naphthalene-d8	10.463	136	41269	20.00	ng	#-0.01
39) Acenaphthene-d10	14.339	164	23543	20.00	ng	-0.01
64) Phenanthrene-d10	17.086	188	47791	20.00	ng	-0.01
76) Chrysene-d12	21.256	240	47904	20.00	ng	#-0.02
86) Perylene-d12	23.415	264	49637	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	74193	114.59	ng	0.00
7) Phenol-d6	6.869	99	86586	101.25	ng	0.00
23) Nitrobenzene-d5	8.845	82	56942	74.44	ng	-0.01
42) 2,4,6-Tribromophenol	15.839	330	28806	103.24	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	87295	49.36	ng	-0.01
79) Terphenyl-d14	19.709	244	93277	35.95	ng	-0.01
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.363	42	1429	3.98	ng	# 1
75) Fluoranthene	19.139	202	6416	2.05	ng	97
89) Benzo(k)fluoranthene	22.774	252	6884	2.07	ng	# 89

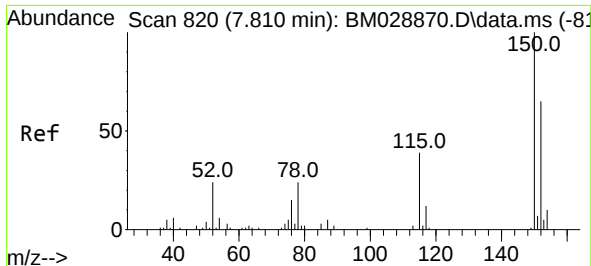
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 13:17:12 2021
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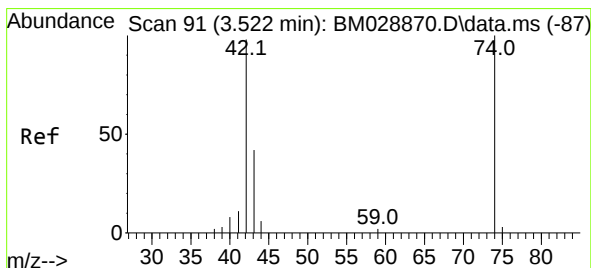
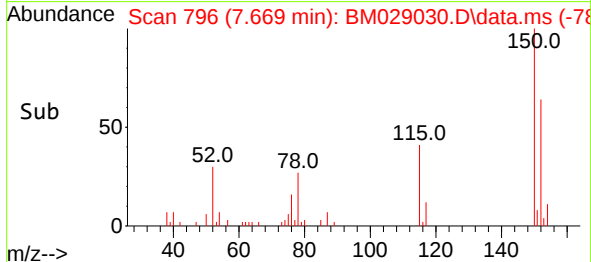
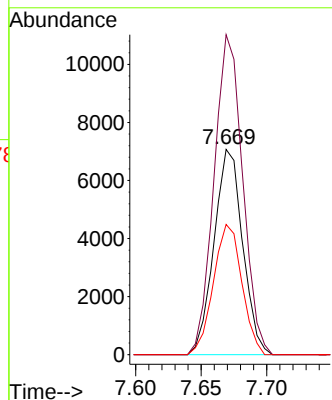
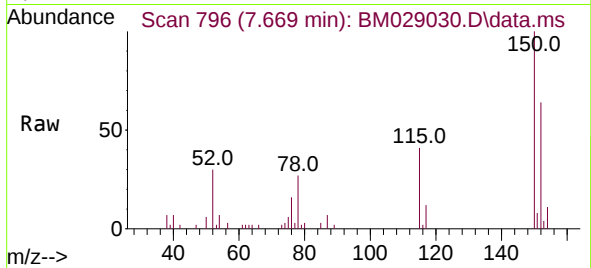




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.669 min Scan# 796
Delta R.T. -0.012 min
Lab File: BM029030.D
Acq: 08 Mar 2021 21:57

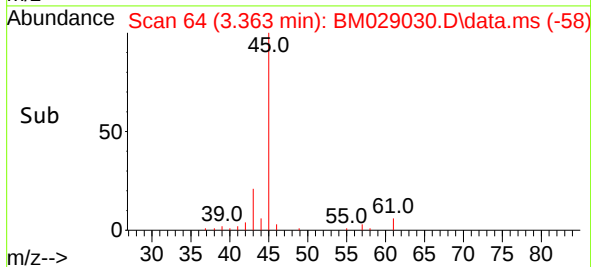
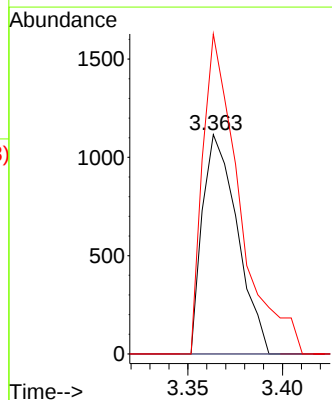
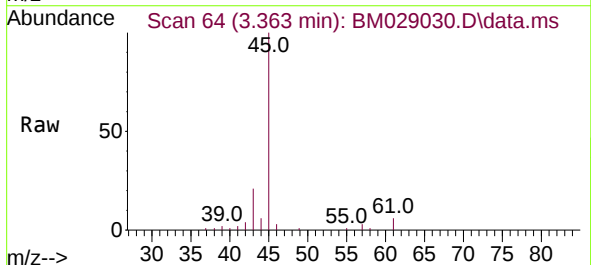
Instrument :
BNA_M
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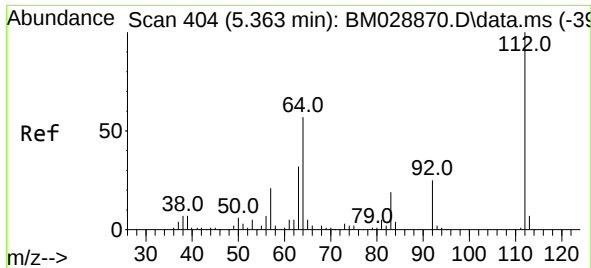
Tgt Ion:152 Resp: 10732
Ion Ratio Lower Upper
152 100
150 155.8 120.6 181.0
115 63.4 47.2 70.8



#4
n-Nitrosodimethylamine
Concen: 3.98 ng
RT: 3.363 min Scan# 64
Delta R.T. -0.065 min
Lab File: BM029030.D
Acq: 08 Mar 2021 21:57

Tgt Ion: 42 Resp: 1429
Ion Ratio Lower Upper
42 100
74 0.0 127.8 191.6#
44 145.9 4.1 6.1#

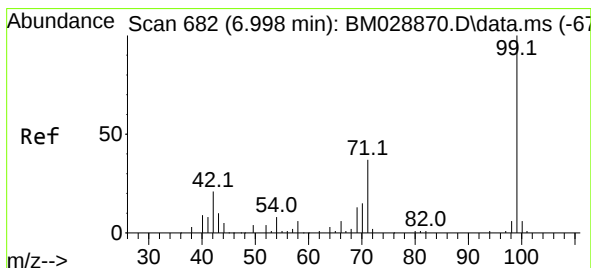
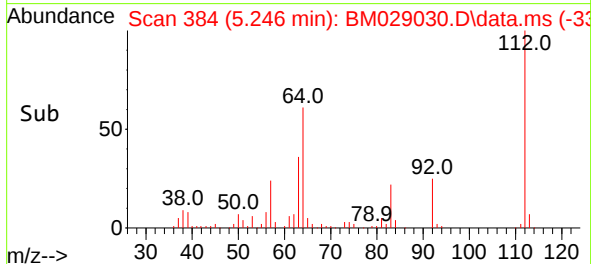
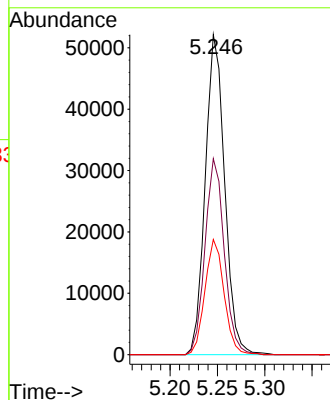
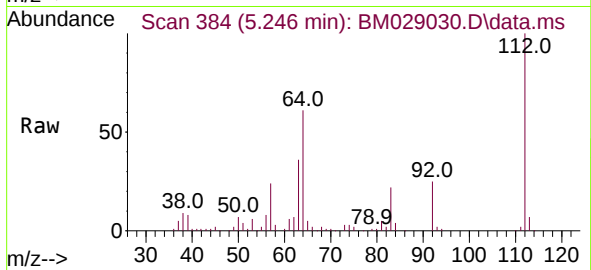




#5
2-Fluorophenol
Concen: 114.59 ng
RT: 5.246 min Scan# 384
Delta R.T. 0.000 min
Lab File: BM029030.D
Acq: 08 Mar 2021 21:57

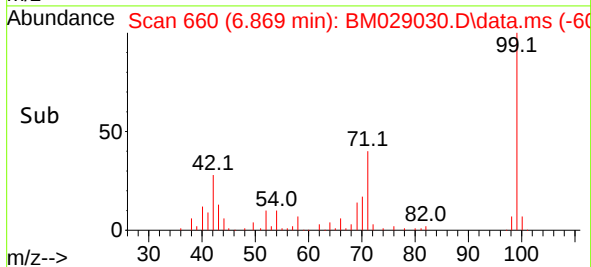
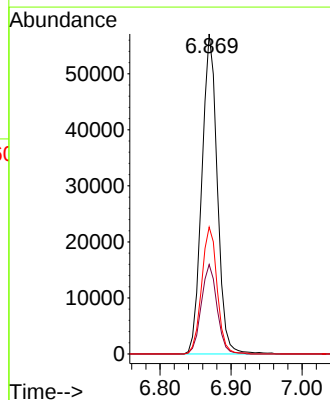
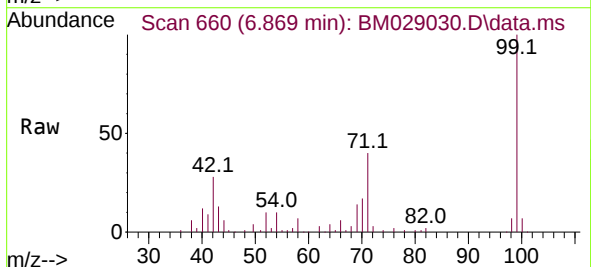
Instrument :
BNA_M
ClientSampleId :
RO-363

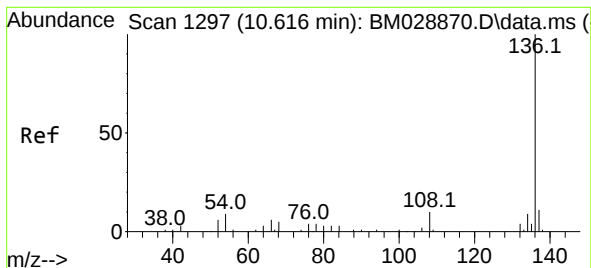
Tgt Ion:112 Resp: 74193
Ion Ratio Lower Upper
112 100
64 61.2 50.6 76.0
63 36.0 31.0 46.6



#7
Phenol-d6
Concen: 101.25 ng
RT: 6.869 min Scan# 660
Delta R.T. 0.000 min
Lab File: BM029030.D
Acq: 08 Mar 2021 21:57

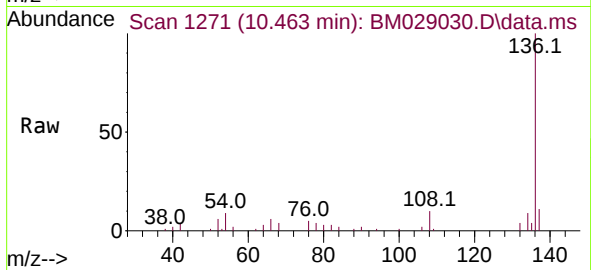
Tgt Ion: 99 Resp: 86586
Ion Ratio Lower Upper
99 100
42 28.0 13.5 20.3#
71 39.6 39.4 59.0



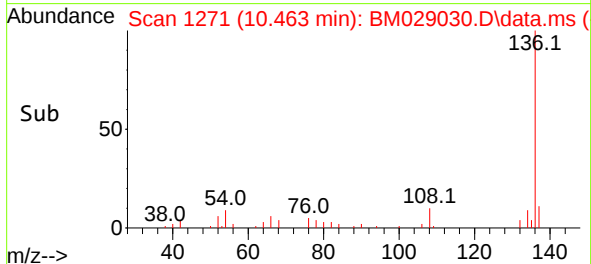
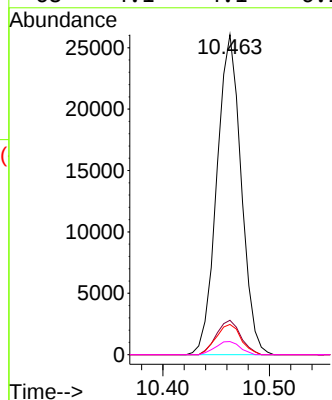


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BM029030.D
Acq: 08 Mar 2021 21:57

Instrument :
BNA_M
ClientSampled :
RO-363

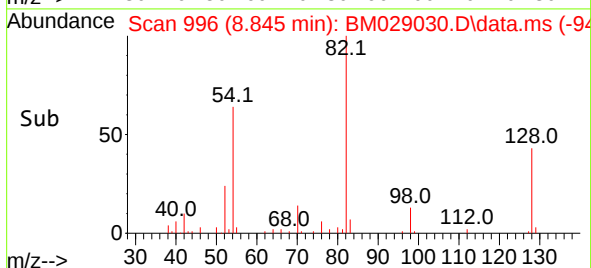
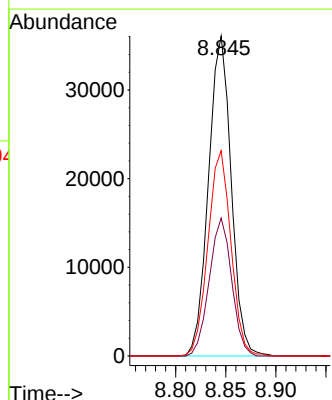
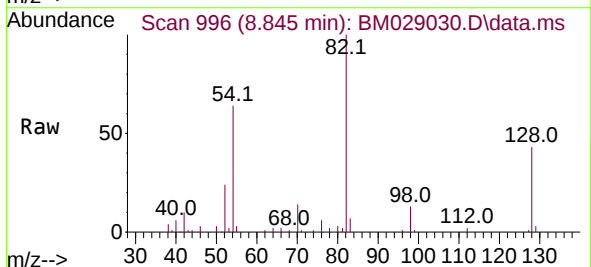


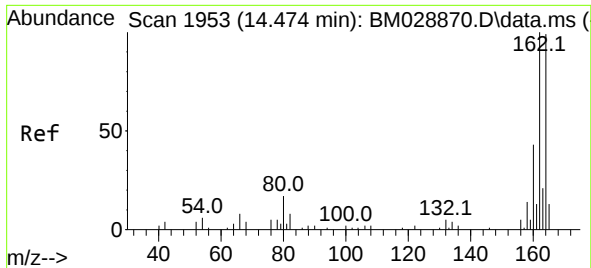
Tgt Ion:136 Resp: 41269
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.5 4.6 7.0#
68 4.1 4.1 6.1



#23
Nitrobenzene-d5
Concen: 74.44 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.012 min
Lab File: BM029030.D
Acq: 08 Mar 2021 21:57

Tgt Ion: 82 Resp: 56942
Ion Ratio Lower Upper
82 100
128 43.1 27.4 41.0#
54 64.2 31.4 47.0#

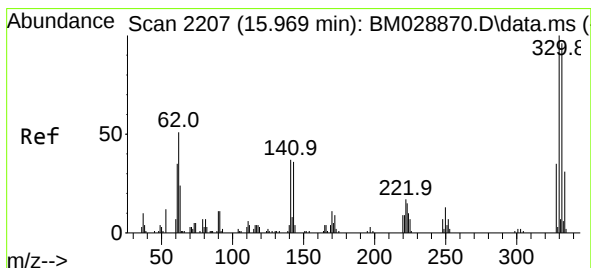
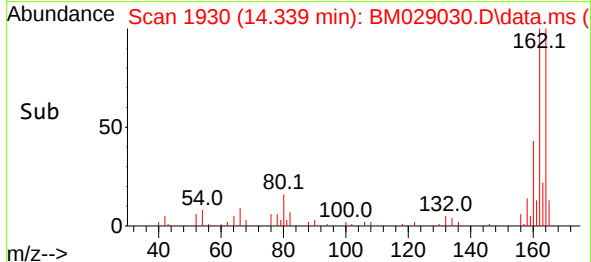
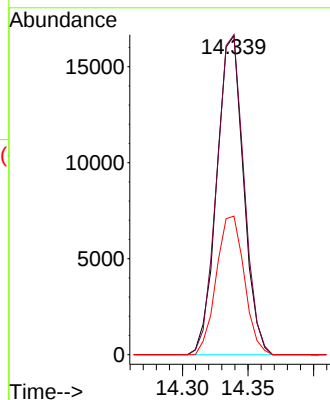
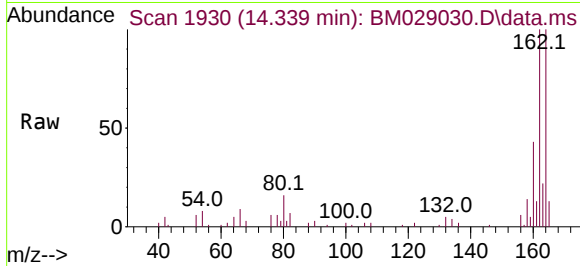




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BM029030.D
Acq: 08 Mar 2021 21:57

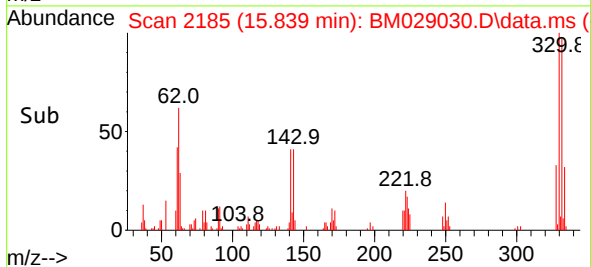
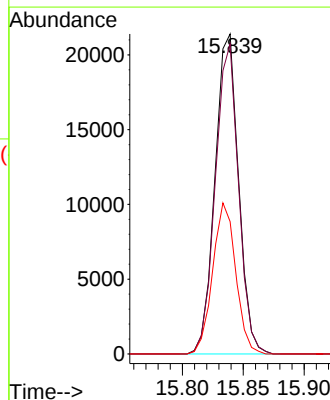
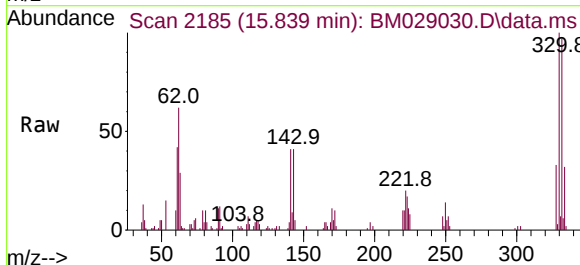
Instrument :
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ClientSampleId :
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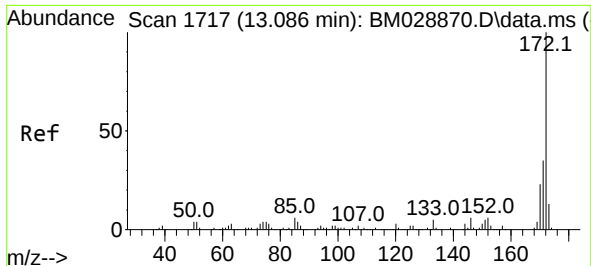
Tgt Ion:164	Resp:	23543
Ion Ratio	Lower	Upper
164	100	
162	100.3	80.4 120.6
160	43.4	35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 103.24 ng
RT: 15.839 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM029030.D
Acq: 08 Mar 2021 21:57

Tgt Ion:330	Resp:	28806
Ion Ratio	Lower	Upper
330	100	
332	95.5	77.8 116.8
141	46.1	28.4 42.6#

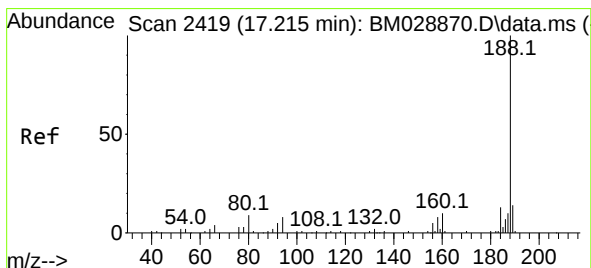
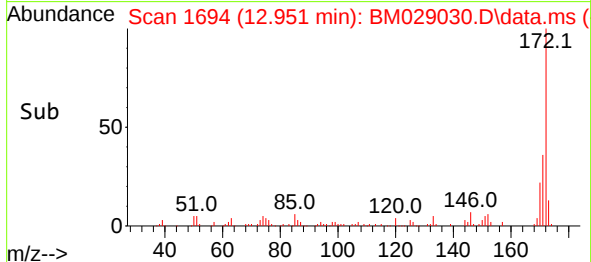
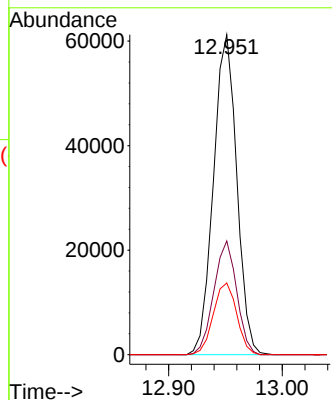
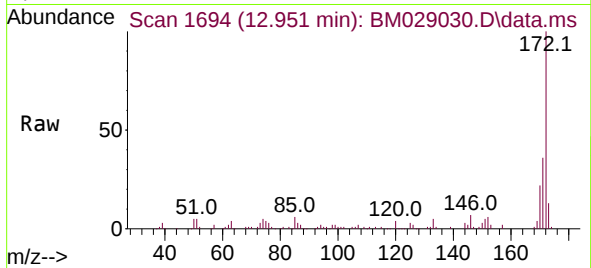




#45
2-Fluorobiphenyl
Concen: 49.36 ng
RT: 12.951 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM029030.D
Acq: 08 Mar 2021 21:57

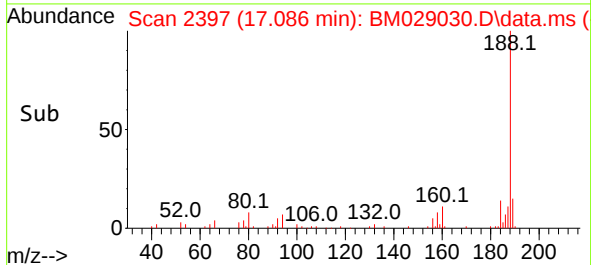
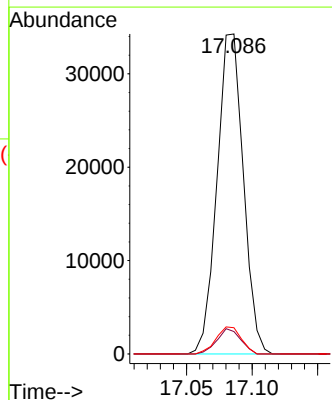
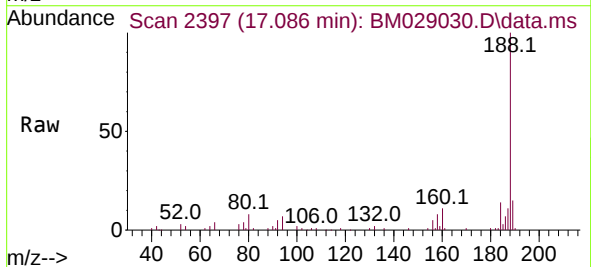
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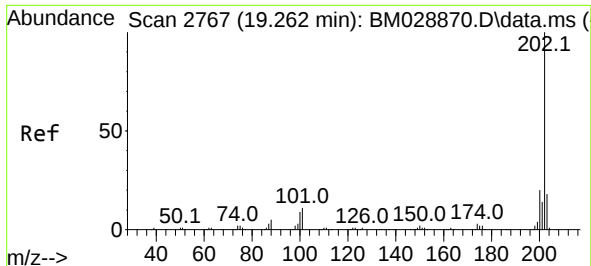
Tgt Ion:172	Resp:	87295
Ion Ratio	Lower	Upper
172	100	
171	35.5	27.8 41.8
170	22.4	18.6 27.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2397
Delta R.T. -0.012 min
Lab File: BM029030.D
Acq: 08 Mar 2021 21:57

Tgt Ion:188	Resp:	47791
Ion Ratio	Lower	Upper
188	100	
94	7.0	6.2 9.4
80	8.2	7.5 11.3

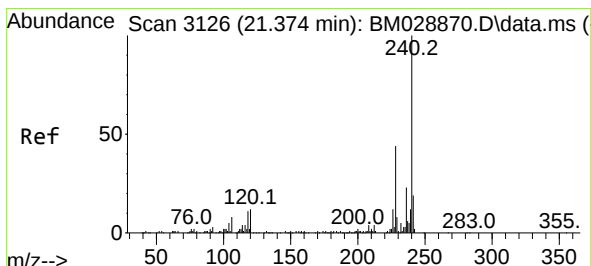
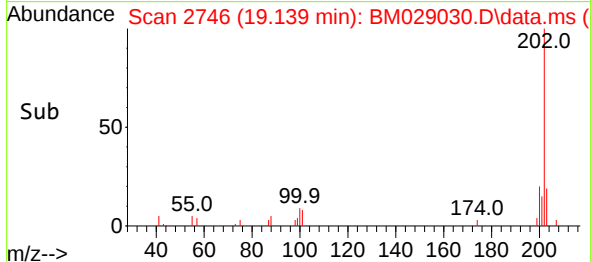
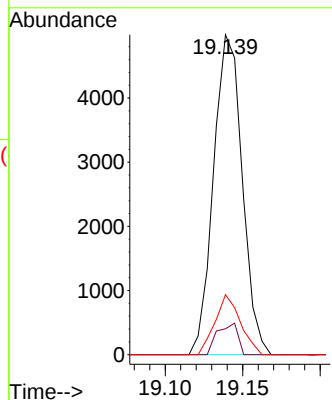
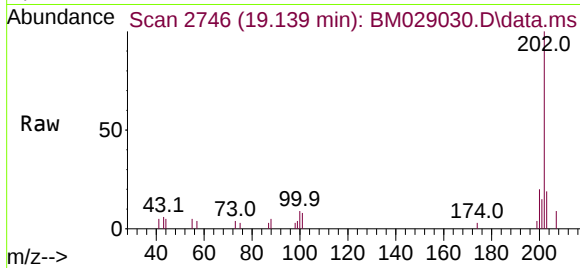




#75
Fluoranthene
Concen: 2.05 ng
RT: 19.139 min Scan# 2746
Delta R.T. -0.012 min
Lab File: BM029030.D
Acq: 08 Mar 2021 21:57

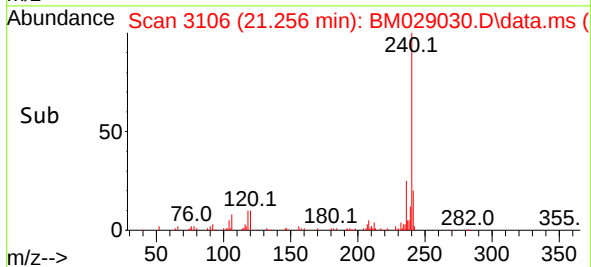
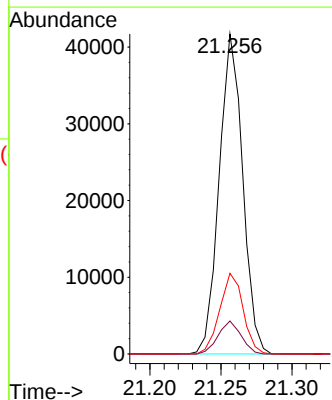
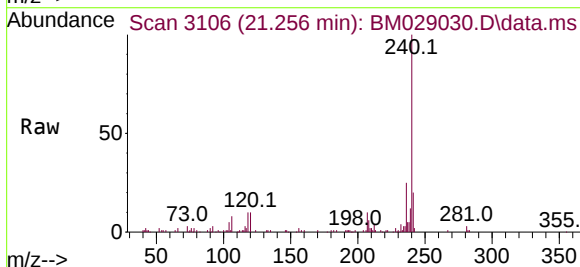
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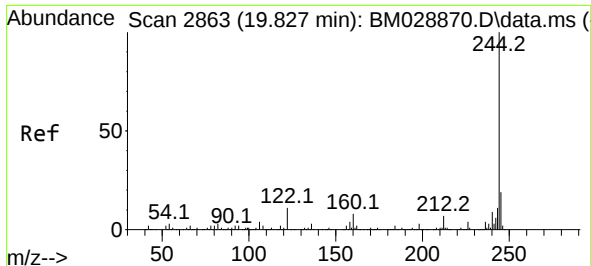
Tgt Ion:	202	Resp:	6416
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	28.5
203	18.8	0.0	37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.256 min Scan# 3106
Delta R.T. -0.018 min
Lab File: BM029030.D
Acq: 08 Mar 2021 21:57

Tgt Ion:	240	Resp:	47904
Ion Ratio	Lower	Upper	
240	100		
120	10.3	6.4	9.6#
236	25.2	20.1	30.1

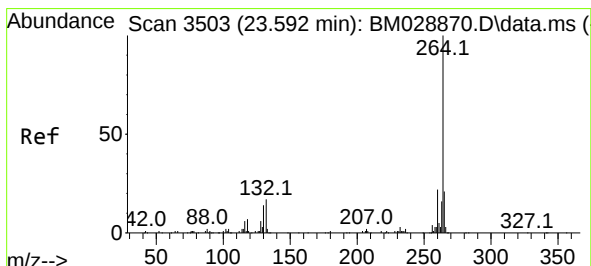
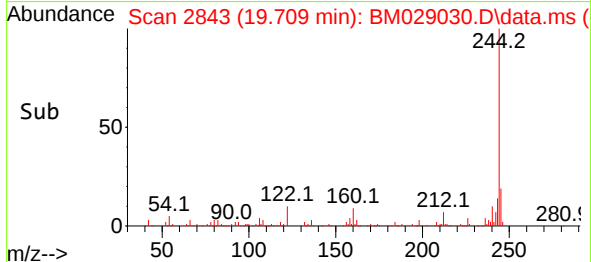
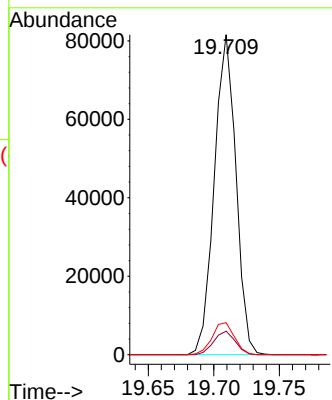
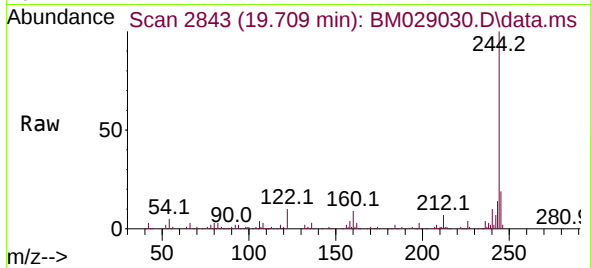




#79
Terphenyl-d14
Concen: 35.95 ng
RT: 19.709 min Scan# 2843
Delta R.T. -0.012 min
Lab File: BM029030.D
Acq: 08 Mar 2021 21:57

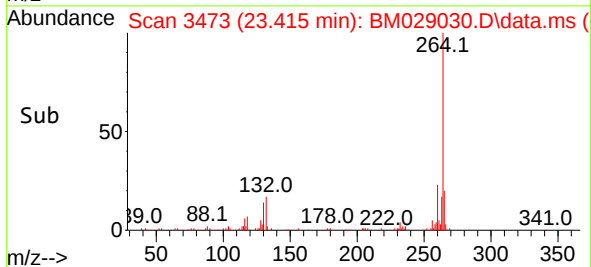
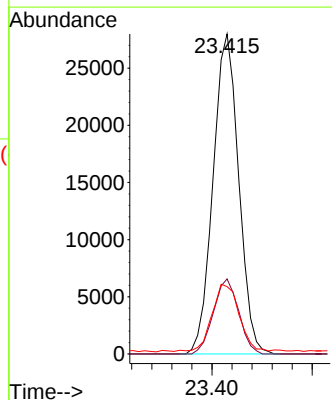
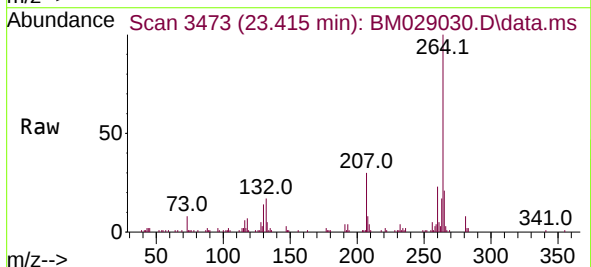
Instrument :
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RO-363

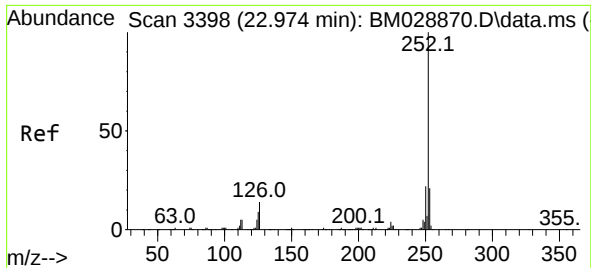
Tgt Ion:244 Resp: 93277
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.0 6.5 9.7#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.415 min Scan# 3473
Delta R.T. -0.023 min
Lab File: BM029030.D
Acq: 08 Mar 2021 21:57

Tgt Ion:264 Resp: 49637
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 21.0 17.7 26.5





#89

Benzo(k)fluoranthene

Concen: 2.07 ng

RT: 22.774 min Scan# 3364

Delta R.T. -0.059 min

Lab File: BM029030.D

Acq: 08 Mar 2021 21:57

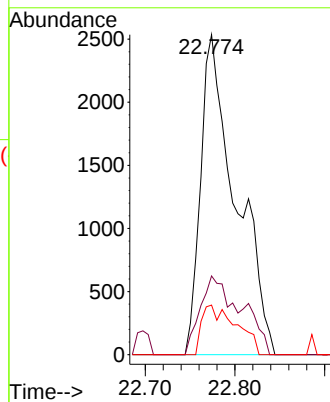
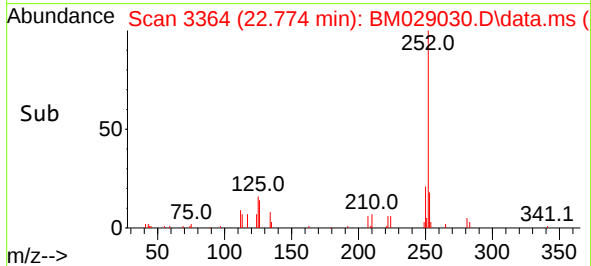
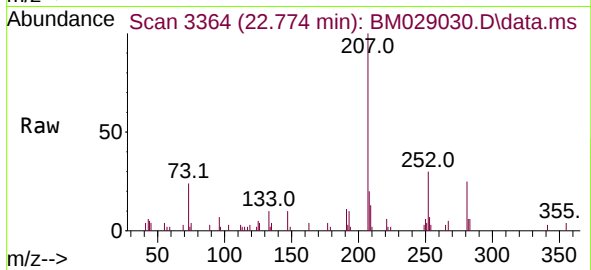
Tgt Ion:252 Resp: 6884

Ion Ratio Lower Upper

252 100

253 24.6 17.4 26.0

125 15.5 5.6 8.4#



Instrument :

BNA_M

ClientSampleId :

RO-363