

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030821\
 Data File : BM029032.D
 Acq On : 08 Mar 2021 23:10
 Operator : CG/JU
 Sample : M1590-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FK-EF-01-018-ABCD

Manual Integrations
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Quant Time: Mar 09 00:25:38 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	10099	20.00	ng	-0.01
21) Naphthalene-d8	10.463	136	38085	20.00	ng	#-0.01
39) Acenaphthene-d10	14.339	164	21601	20.00	ng	-0.01
64) Phenanthrene-d10	17.080	188	43449	20.00	ng	-0.02
76) Chrysene-d12	21.256	240	44074	20.00	ng	#-0.02
86) Perylene-d12	23.415	264	46213	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	52880	86.79	ng	0.00
7) Phenol-d6	6.869	99	63538	78.95	ng	0.00
23) Nitrobenzene-d5	8.845	82	42967	60.87	ng	-0.01
42) 2,4,6-Tribromophenol	15.839	330	20280	79.21	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	91772	56.56	ng	-0.01
79) Terphenyl-d14	19.709	244	130279	54.58	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.898	94	1944	2.43	ng	95
75) Fluoranthene	19.139	202	10763	3.79	ng	94
78) Pyrene	19.504	202	10474	3.23	ng	98
81) Benzo(a)anthracene	21.239	228	6648	2.17	ng	95
83) Chrysene	21.292	228	6695	2.25	ng	98
88) Benzo(b)fluoranthene	22.774	252	10944m	3.35	ng	
90) Benzo(a)pyrene	23.321	252	7203	2.42	ng	# 89

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

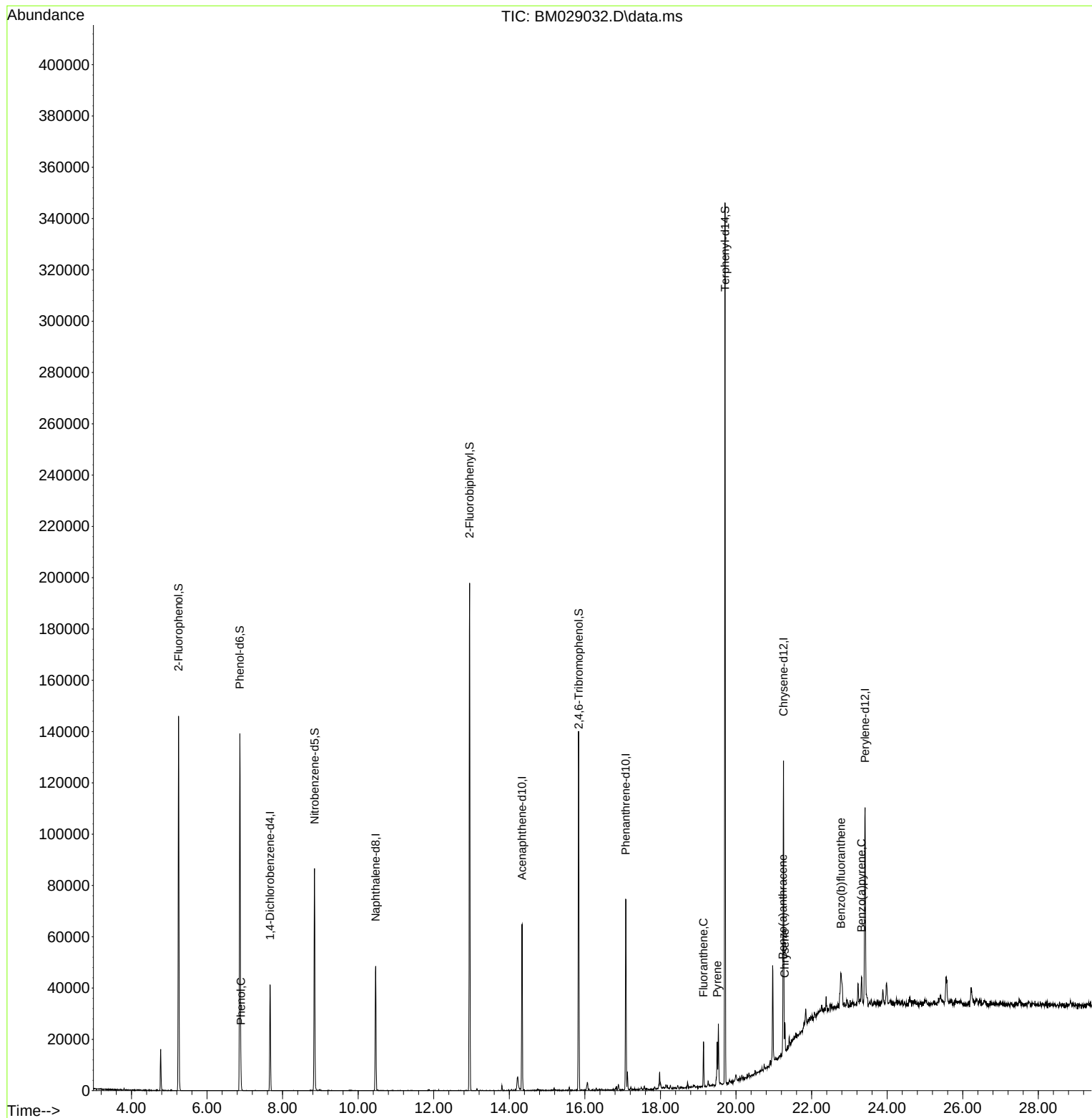
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Data File : BM029032.D
Acq On : 08 Mar 2021 23:10
Operator : CG/JU
Sample : M1590-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

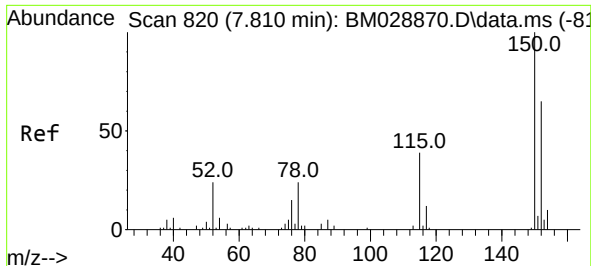
Instrument :
BNA_M
ClientSampleId :
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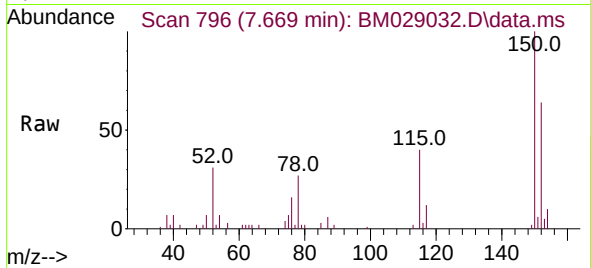
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Quant Time: Mar 09 00:25:38 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 13:17:12 2021
Response via : Initial Calibration

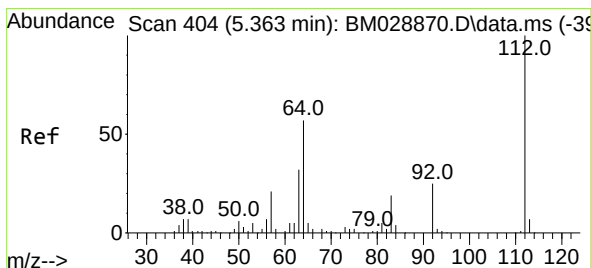
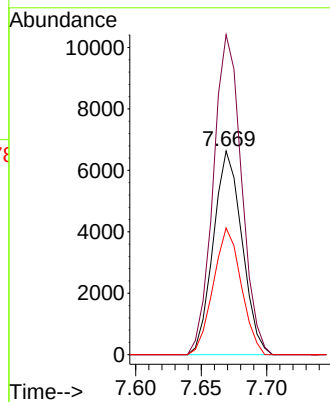
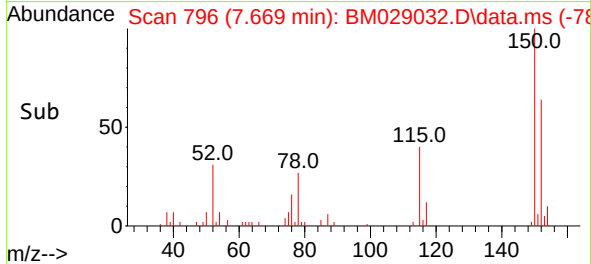




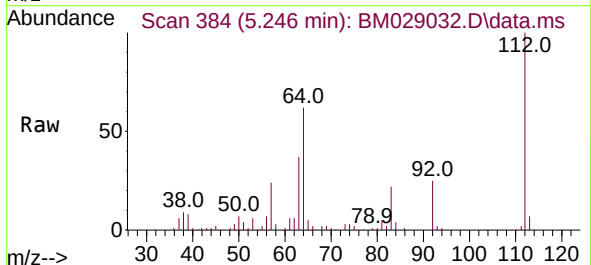
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.669 min Scan# 796
Delta R.T. -0.012 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10



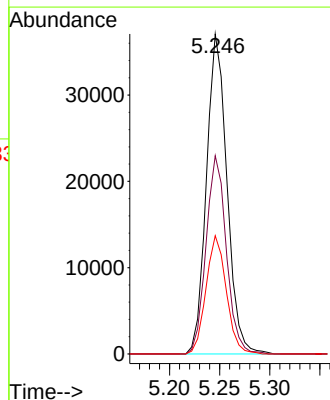
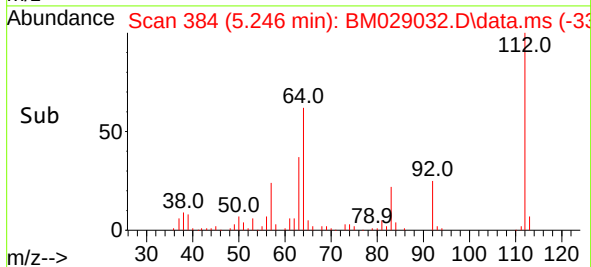
Tgt Ion:152 Resp: 10099
Ion Ratio Lower Upper
152 100
150 157.1 120.6 181.0
115 62.2 47.2 70.8



#5
2-Fluorophenol
Concen: 86.79 ng
RT: 5.246 min Scan# 384
Delta R.T. 0.000 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10



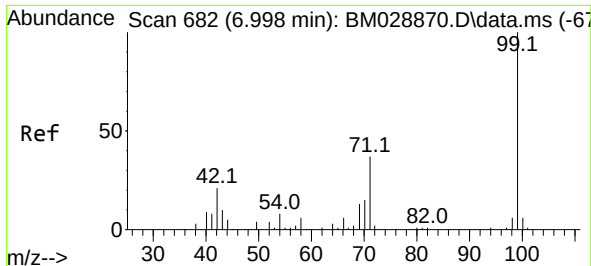
Tgt Ion:112 Resp: 52880
Ion Ratio Lower Upper
112 100
64 61.9 50.6 76.0
63 36.9 31.0 46.6



Instrument :
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ClientSampleId :
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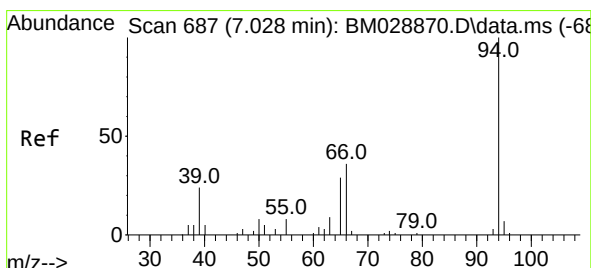
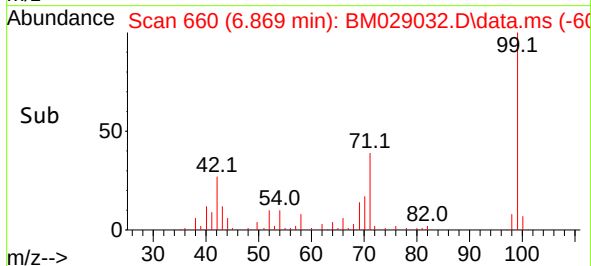
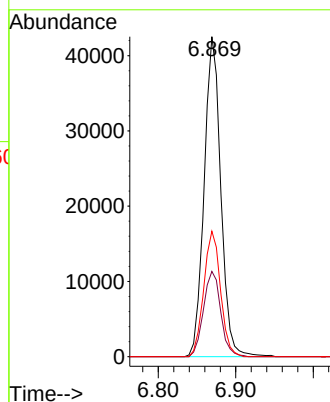
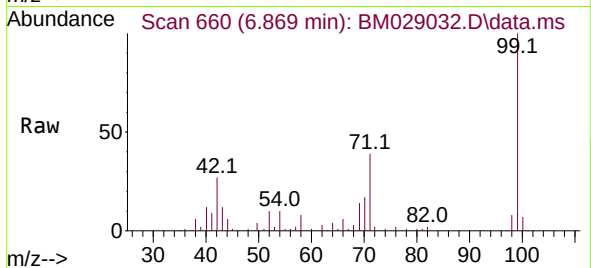
#7
Phenol-d6
Concen: 78.95 ng
RT: 6.869 min Scan# 660
Delta R.T. 0.000 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

Tgt Ion: 99 Resp: 63538
Ion Ratio Lower Upper
99 100
42 26.7 13.5 20.3#
71 39.2 39.4 59.0#

Instrument :
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ClientSampleId :
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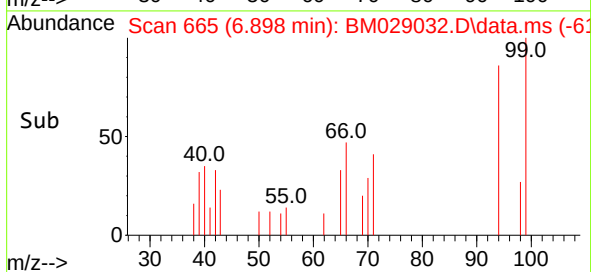
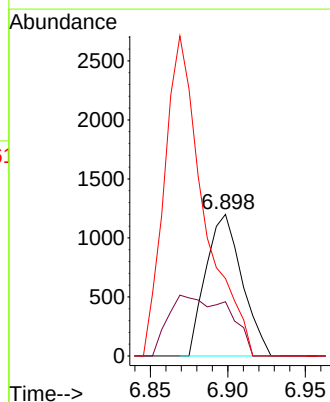
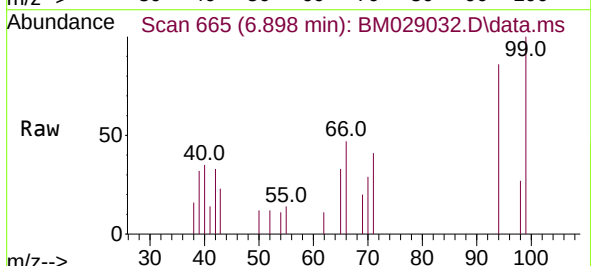
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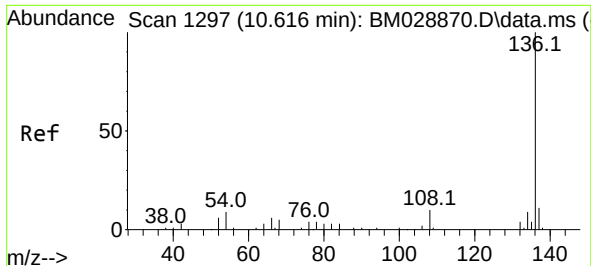
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#10
Phenol
Concen: 2.43 ng
RT: 6.898 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

Tgt Ion: 94 Resp: 1944
Ion Ratio Lower Upper
94 100
65 38.3 16.4 56.4
66 54.8 30.2 70.2





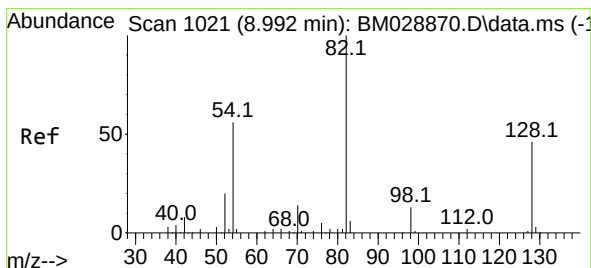
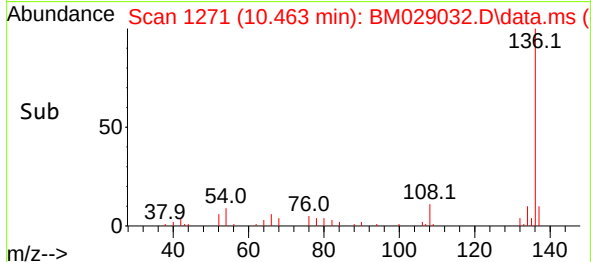
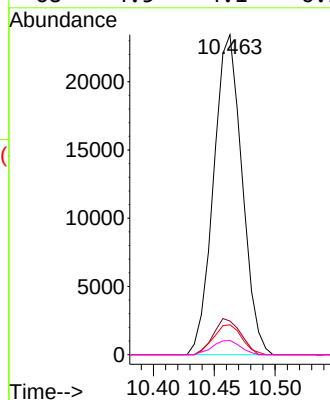
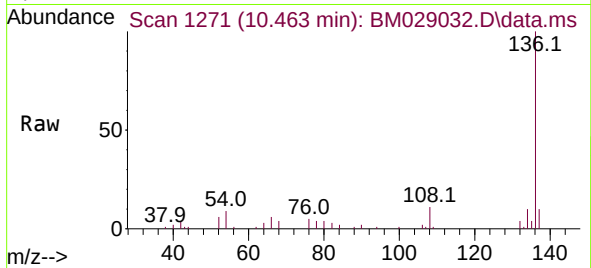
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

Tgt Ion:	136	Resp:	38085
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	12.8
54	9.3	4.6	7.0#
68	4.5	4.1	6.1

Instrument :
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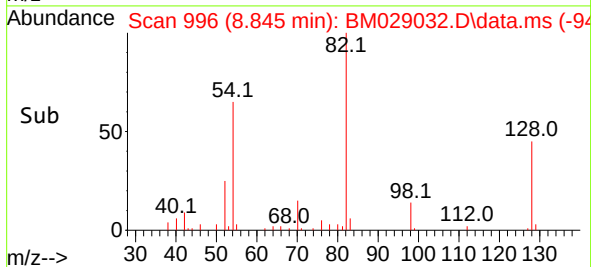
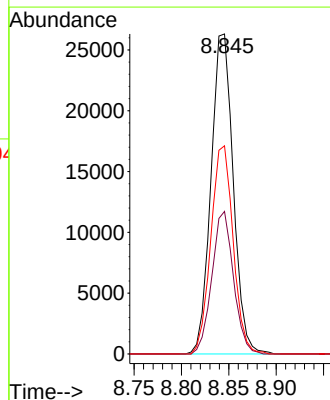
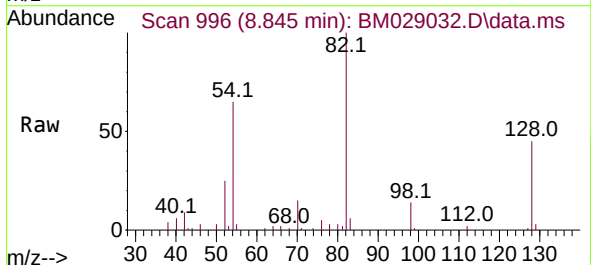
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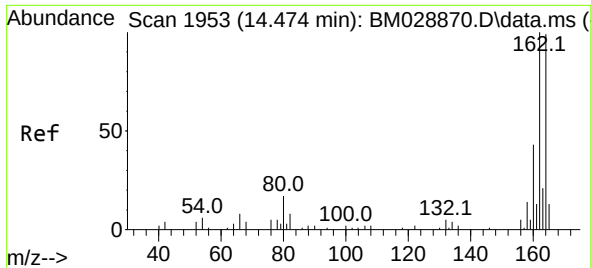
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#23
Nitrobenzene-d5
Concen: 60.87 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.012 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

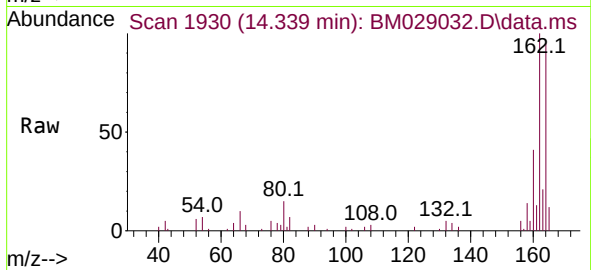
Tgt Ion:	82	Resp:	42967
Ion Ratio	Lower	Upper	
82	100		
128	44.5	27.4	41.0#
54	65.1	31.4	47.0#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

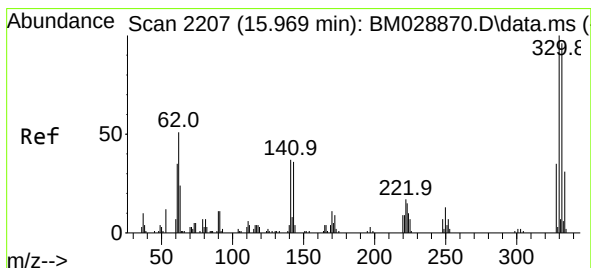
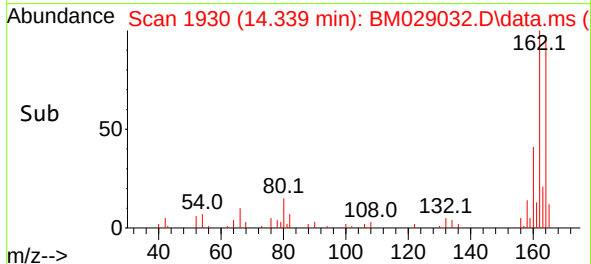
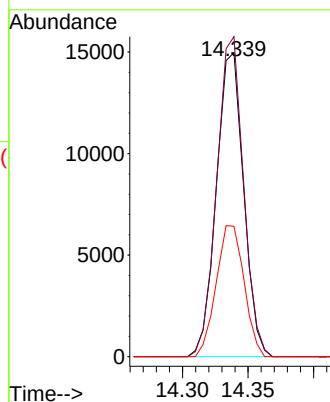
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ClientSampleId :
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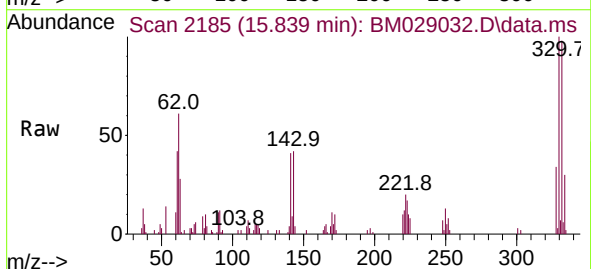
Tgt Ion:164 Resp: 21601
Ion Ratio Lower Upper
164 100
162 105.2 80.4 120.6
160 42.9 35.9 53.9

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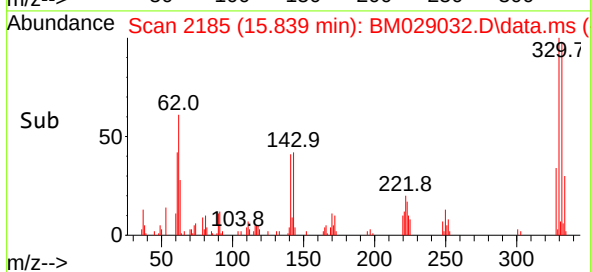
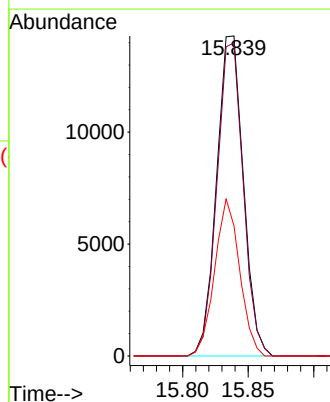
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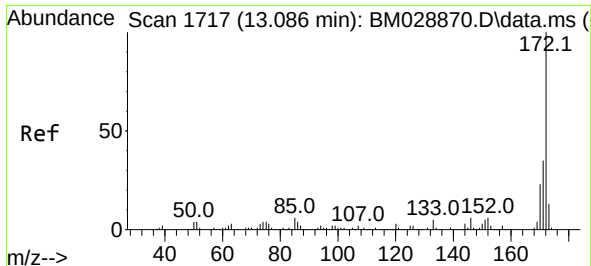


#42
2,4,6-Tribromophenol
Concen: 79.21 ng
RT: 15.839 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10



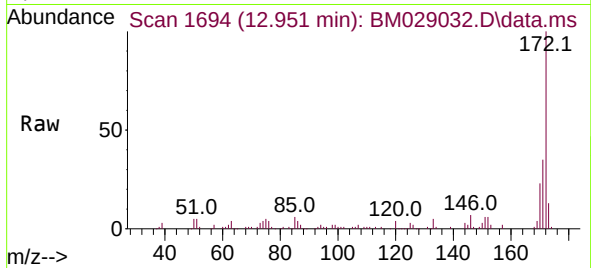
Tgt Ion:330 Resp: 20280
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 45.8 28.4 42.6#





#45
2-Fluorobiphenyl
Concen: 56.56 ng
RT: 12.951 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

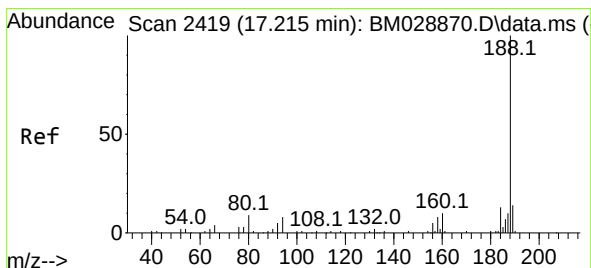
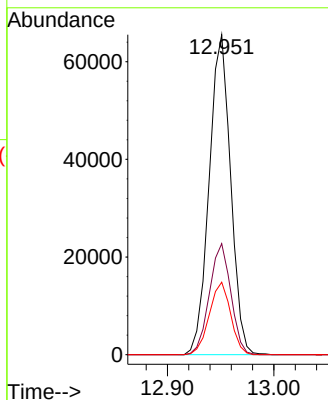
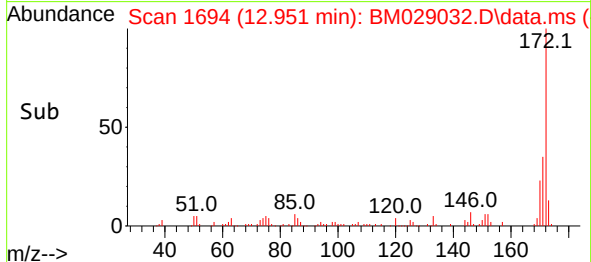
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ClientSampleId :
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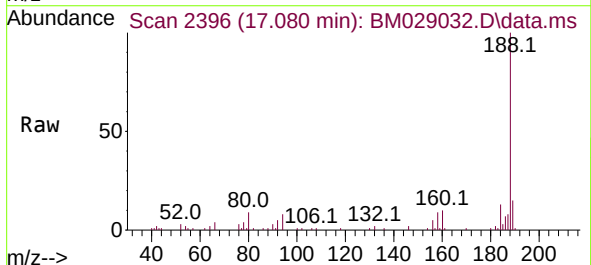
Tgt Ion:172 Resp: 91772
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 22.7 18.6 27.8

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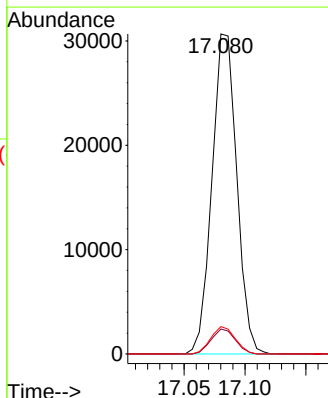
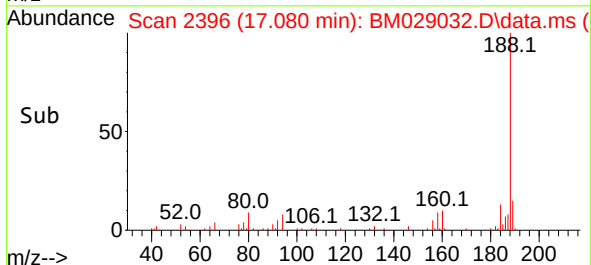
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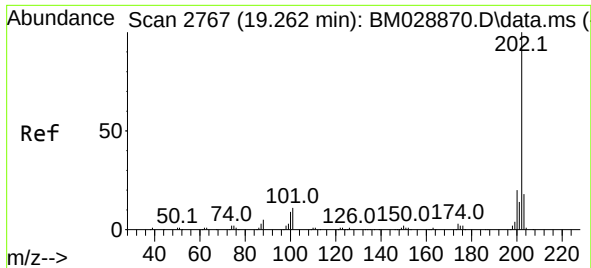


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.080 min Scan# 2396
Delta R.T. -0.018 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10



Tgt Ion:188 Resp: 43449
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.4
80 8.6 7.5 11.3





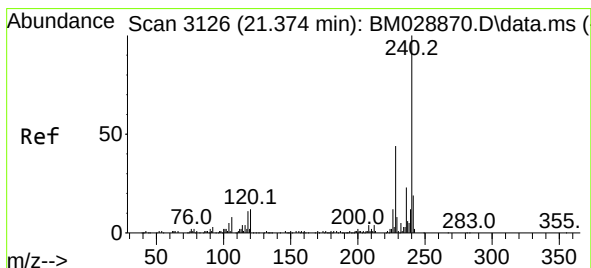
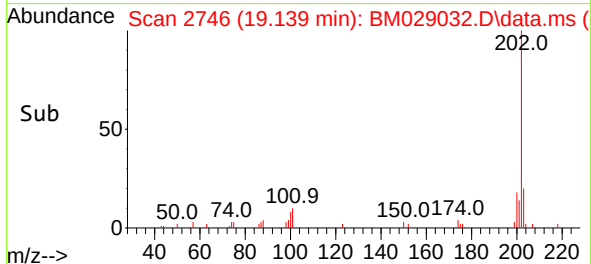
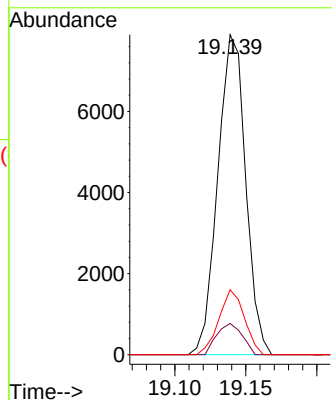
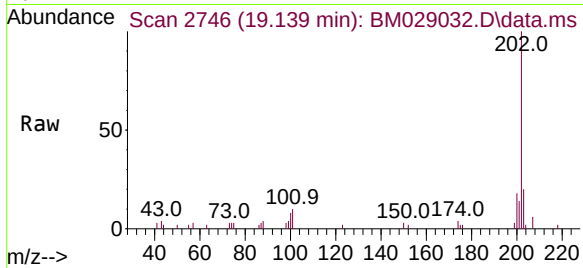
#75
Fluoranthene
Concen: 3.79 ng
RT: 19.139 min Scan# 2746
Delta R.T. -0.012 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	28.5
203	20.3	0.0	37.3

Instrument :
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FK-EF-01-018-ABCD

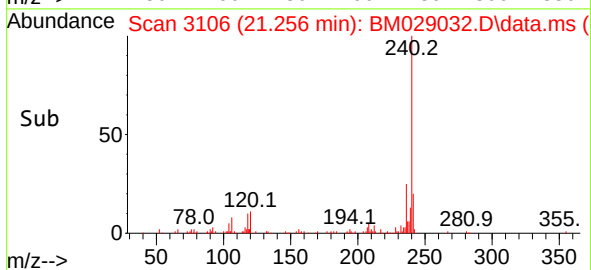
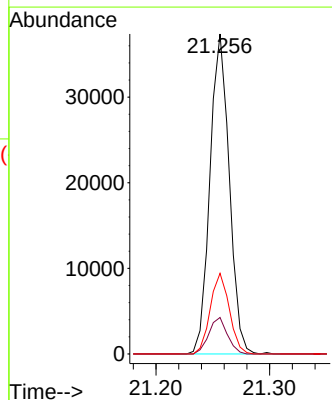
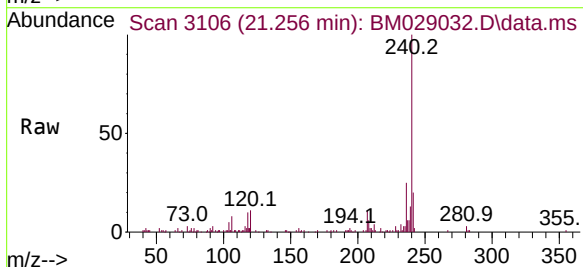
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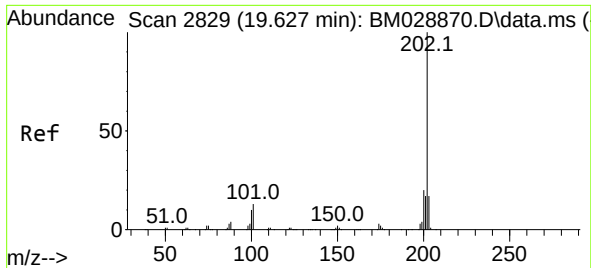
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.256 min Scan# 3106
Delta R.T. -0.018 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	6.4	9.6#
236	25.2	20.1	30.1





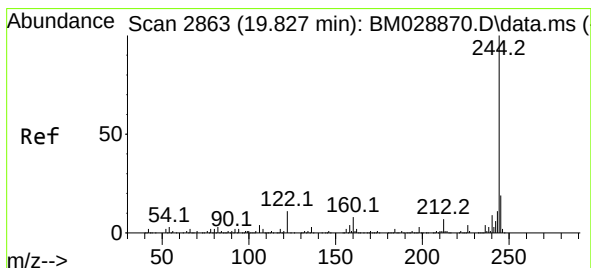
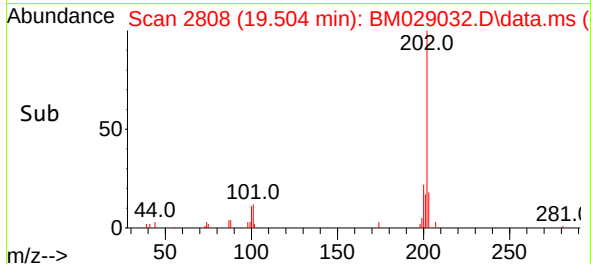
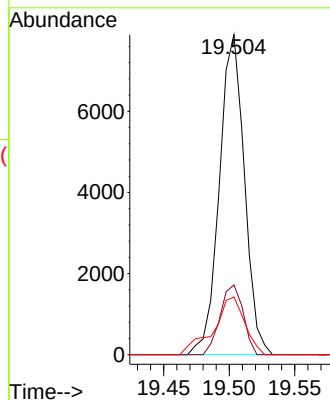
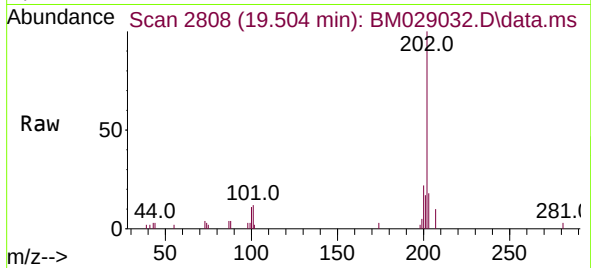
#78
Pyrene
Concen: 3.23 ng
RT: 19.504 min Scan# 2808
Delta R.T. -0.012 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

Tgt Ion:	202	Resp:	10474
Ion Ratio	Lower	Upper	
202	100		
200	21.8	16.6	24.8
203	18.1	13.8	20.6

Instrument :
BNA_M
ClientSampleId :
FK-EF-01-018-ABCD

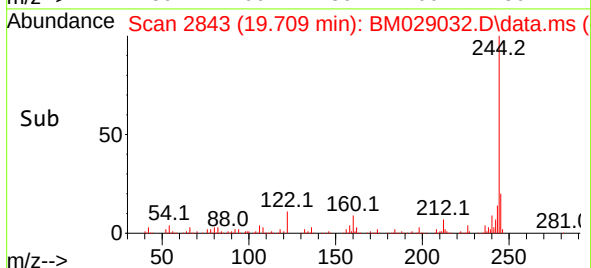
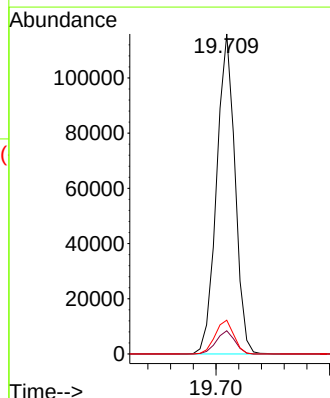
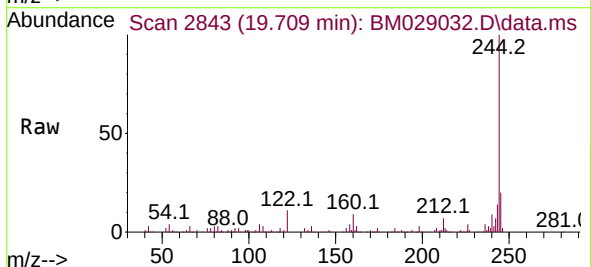
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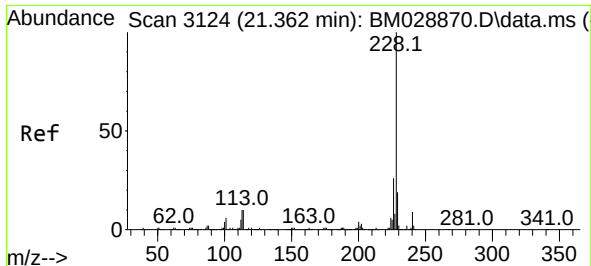
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#79
Terphenyl-d14
Concen: 54.58 ng
RT: 19.709 min Scan# 2843
Delta R.T. -0.012 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

Tgt Ion:	244	Resp:	130279
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.8
122	10.5	6.5	9.7#





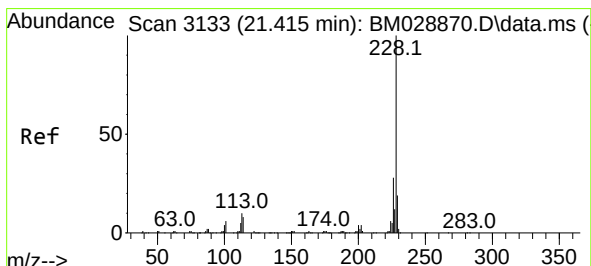
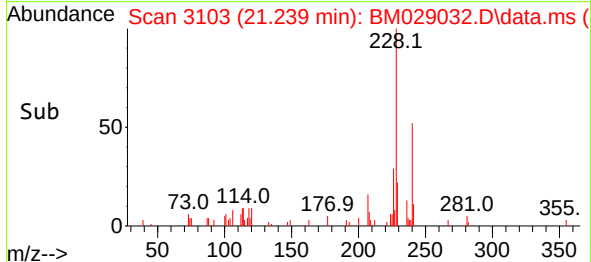
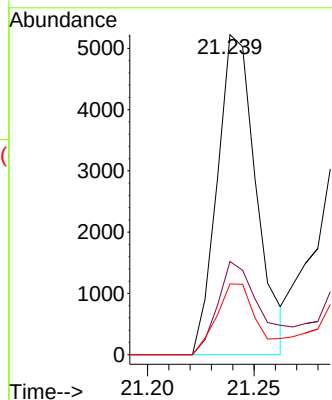
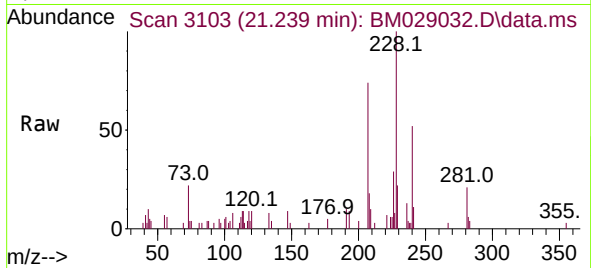
#81
Benzo(a)anthracene
Concen: 2.17 ng
RT: 21.239 min Scan# 3103
Delta R.T. -0.018 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

Tgt Ion:228 Resp: 6648
Ion Ratio Lower Upper
228 100
226 29.1 21.1 31.7
229 22.1 15.7 23.5

Instrument :
BNA_M
ClientSampleId :
FK-EF-01-018-ABCD

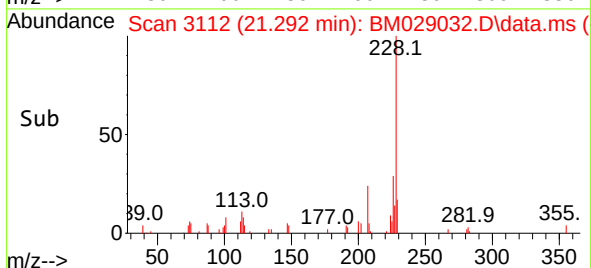
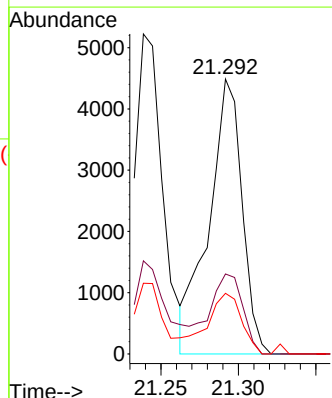
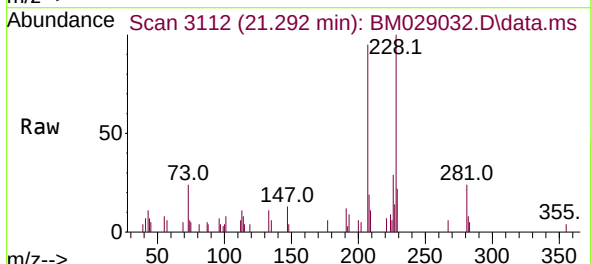
Manual Integrations
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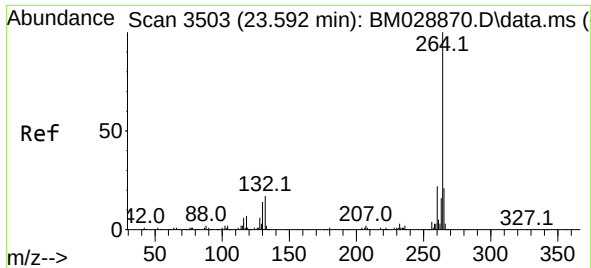
mohammad
3/9/2021 12:20:29 PM



#83
Chrysene
Concen: 2.25 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.018 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

Tgt Ion:228 Resp: 6695
Ion Ratio Lower Upper
228 100
226 29.1 23.4 35.0
229 22.1 15.7 23.5





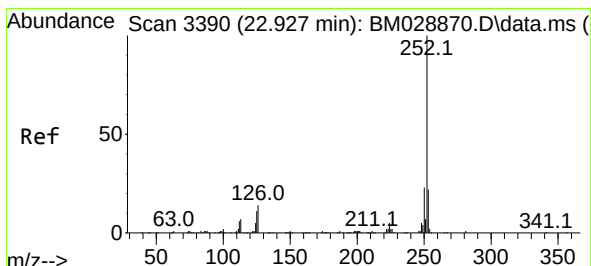
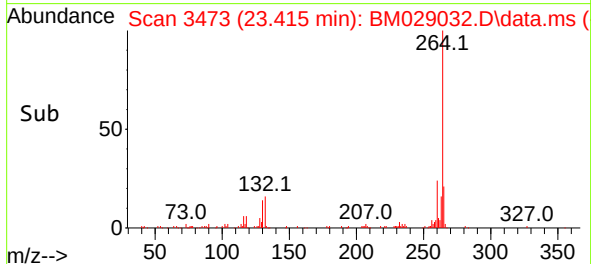
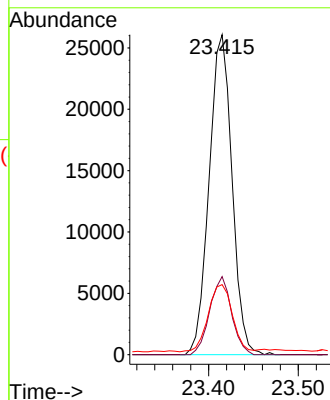
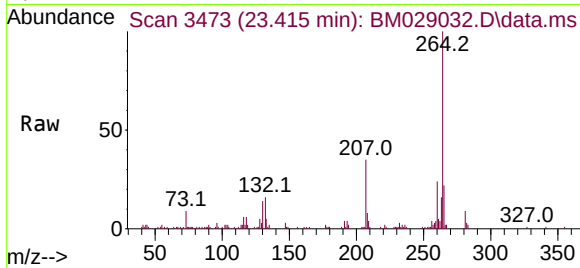
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.415 min Scan# 3473
Delta R.T. -0.023 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

Tgt Ion:264	Resp:	46213
Ion Ratio	Lower	Upper
264	100	
260	24.4	19.0 28.4
265	21.9	17.7 26.5

Instrument :
BNA_M
ClientSampleId :
FK-EF-01-018-ABCD

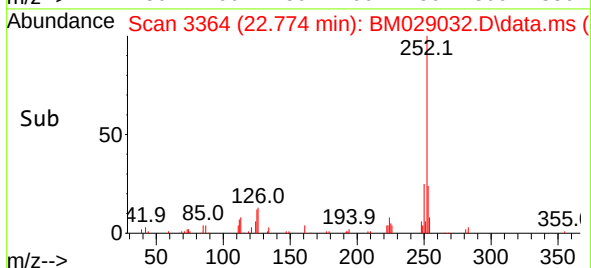
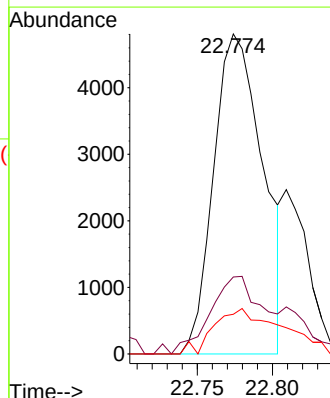
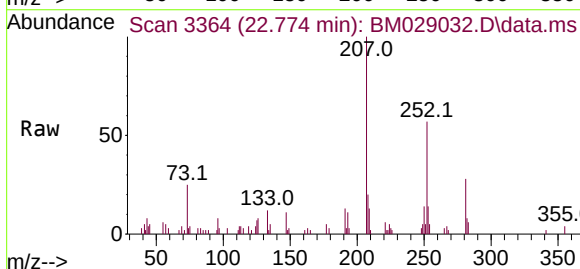
Manual Integrations
APPROVED

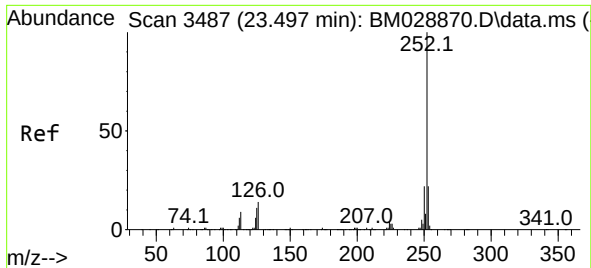
mohammad
3/9/2021 12:20:29 PM



#88
Benzo(b)fluoranthene
Concen: 3.35 ng m
RT: 22.774 min Scan# 3364
Delta R.T. -0.018 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

Tgt Ion:252	Resp:	10944
Ion Ratio	Lower	Upper
252	100	
253	24.1	17.4 26.0
125	12.4	5.7 8.5#





#90
Benzo(a)pyrene
Concen: 2.42 ng
RT: 23.321 min Scan# 3457
Delta R.T. -0.024 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.4	26.2#
125	13.1	6.6	9.8#

Instrument :
BNA_M
ClientSampleId :
FK-EF-01-018-ABCD

Manual Integrations
APPROVED

mohammad
3/9/2021 12:20:29 PM

