

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
 Data File : BF116876.D
 Acq On : 7 Sep 2019 7:17
 Operator : HP/JU
 Sample : K4696-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-SB05-COMP

Manual Integrations
 APPROVED

mohammad
 9/12/2019 9:25:02 AM

Quant Time: Sep 09 00:58:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	78014	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	311802	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	145714	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	194536	20.00	ng	0.00
76) Chrysene-d12	14.00	240	151304	20.00	ng	0.00
87) Perylene-d12	15.46	264	126816	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	375703	78.02	ng	0.00
7) Phenol-d6	6.47	99	540661	85.50	ng	0.00
23) Nitrobenzene-d5	7.40	82	328924	60.22	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	74402	76.38	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	545788	63.18	ng	-0.01
79) Terphenyl-d14	12.95	244	363659	44.46	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	49443	4.915	ng	97
75) Fluoranthene	12.57	202	36292	3.410	ng	98
78) Pyrene	12.80	202	38268	2.845	ng	97
81) Benzo(a)anthracene	13.99	228	22673	2.368	ng	97
88) Benzo(b)fluoranthene	15.03	252	25889m	3.377	ng	
90) Benzo(a)pyrene	15.39	252	16793	2.518	ng	# 95

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

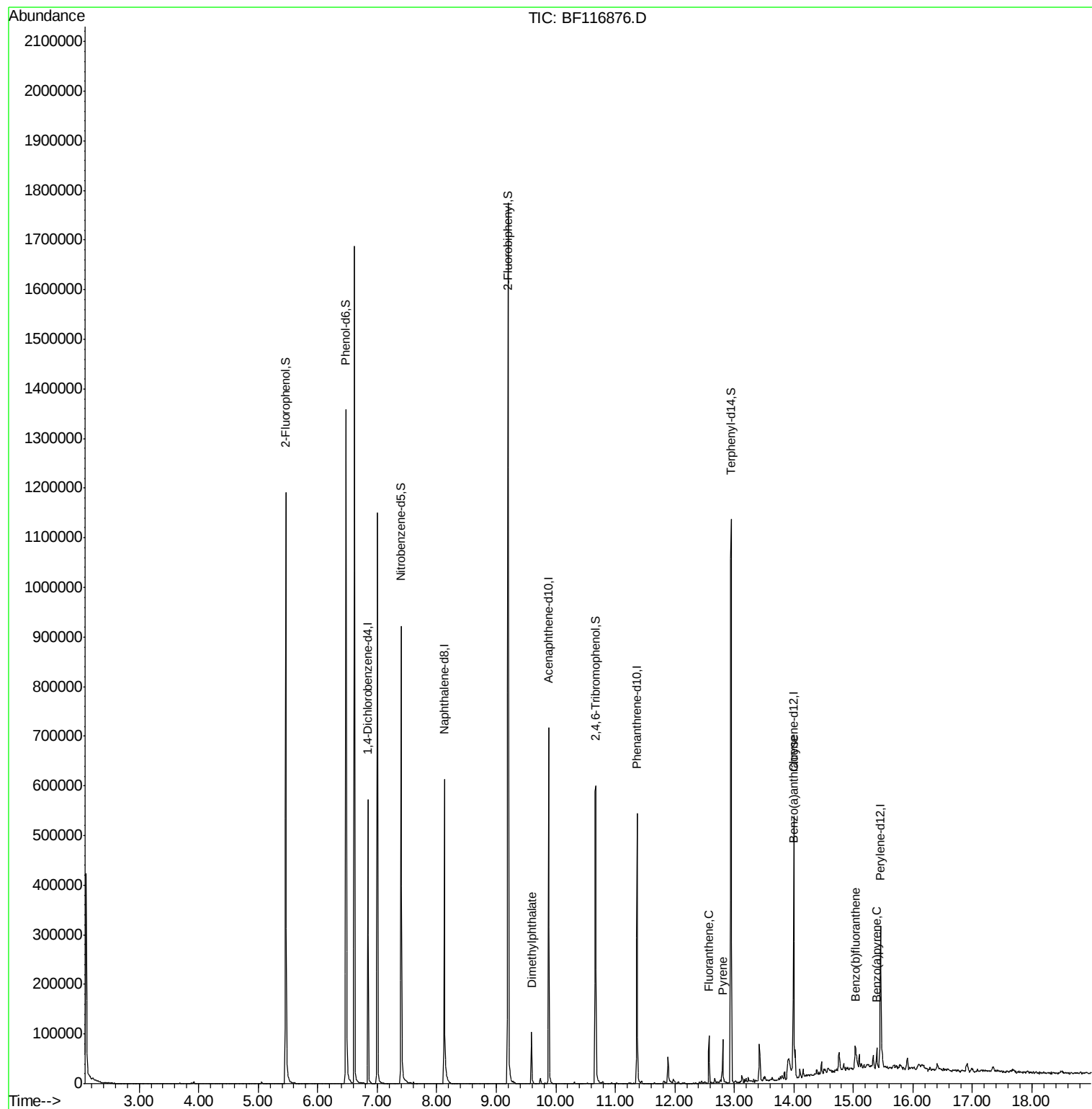
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
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#1

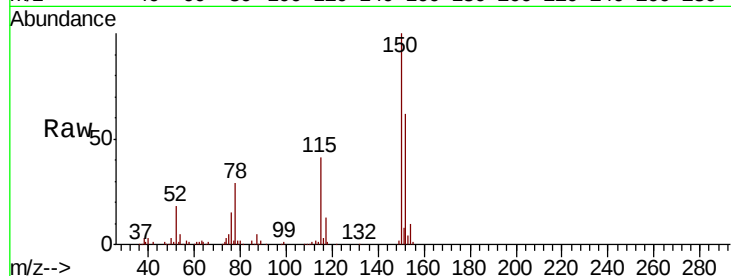
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116876.D
Acq: 7 Sep 2019 7:17

Instrument :
BNA_F
ClientSampleId :
WS-SB05-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	124.4	186.6
115	66.9	49.9	74.9

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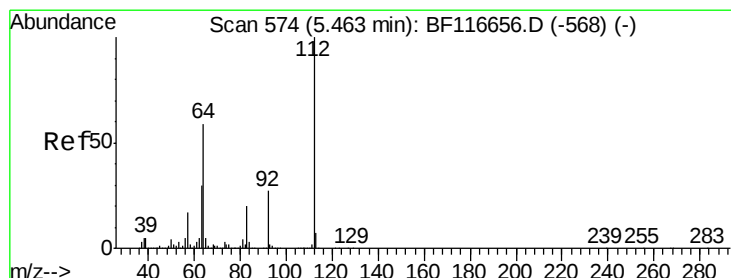
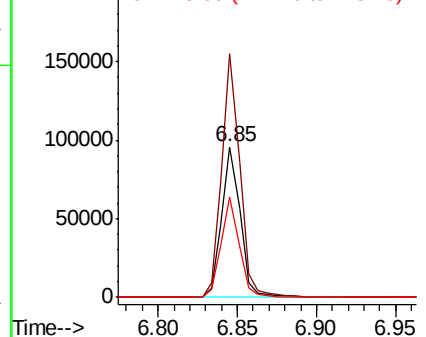
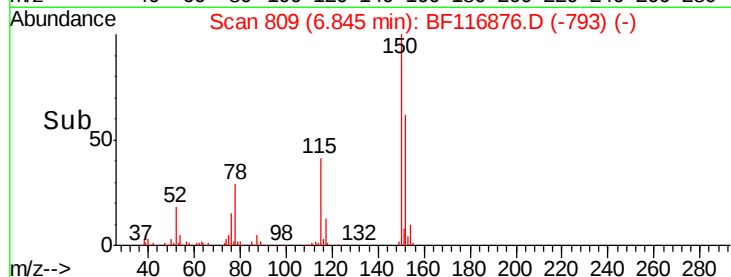


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

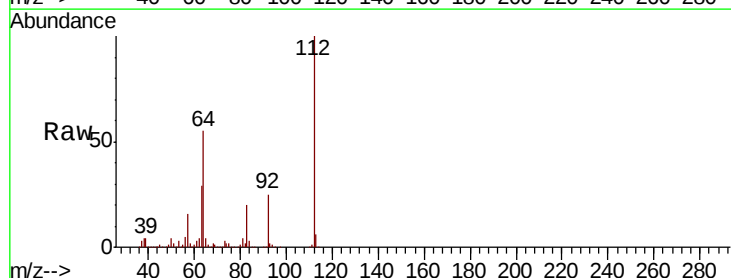
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 78.019 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116876.D
Acq: 7 Sep 2019 7:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	47.1	70.7
63	29.0	24.9	37.3

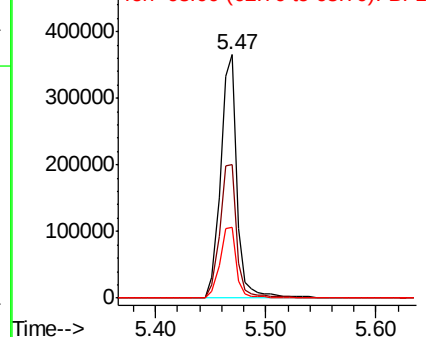
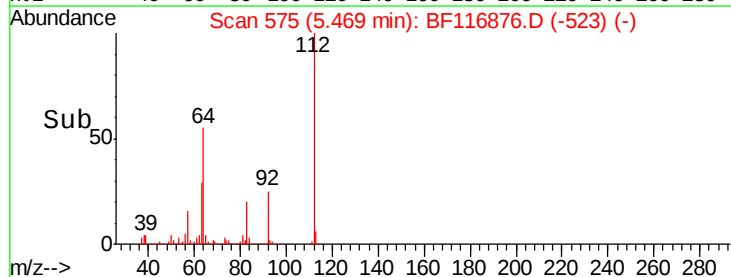


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 85.503 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116876.D

Acq: 7 Sep 2019 7:17

Instrument :

BNA_F

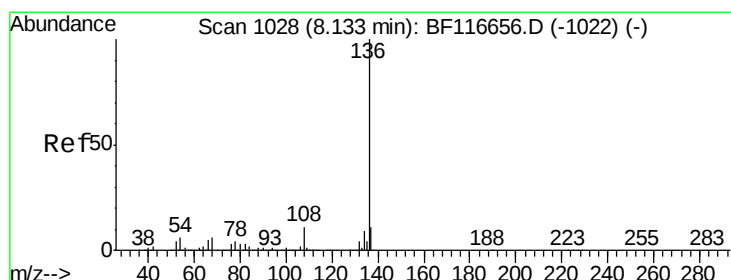
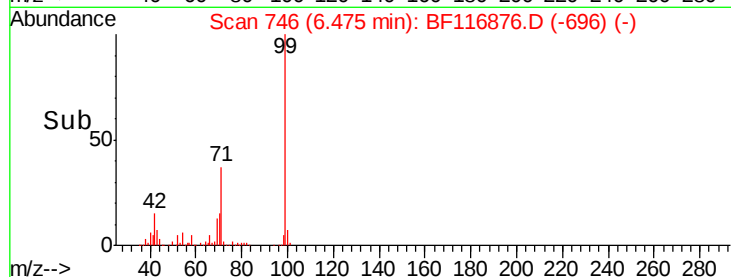
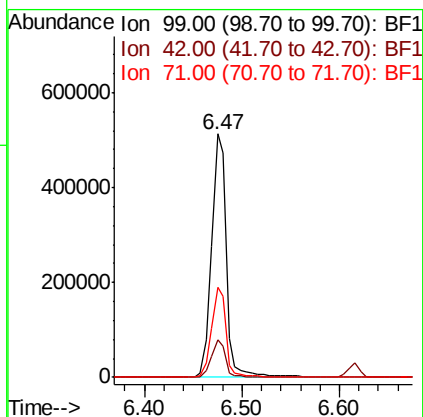
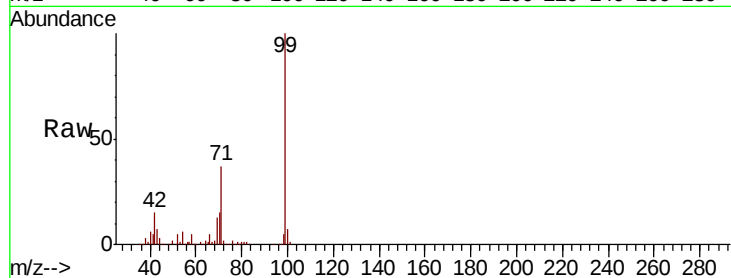
ClientSampleId :

WS-SB05-COMP

Tot Ion:	99	Resp:	540661
Ion Ratio	Lower	Upper	
99	100		
42	15.4	13.7	20.5
71	37.0	30.8	46.2

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#21

Naphthalene-d8

Concen: 20.000 ng

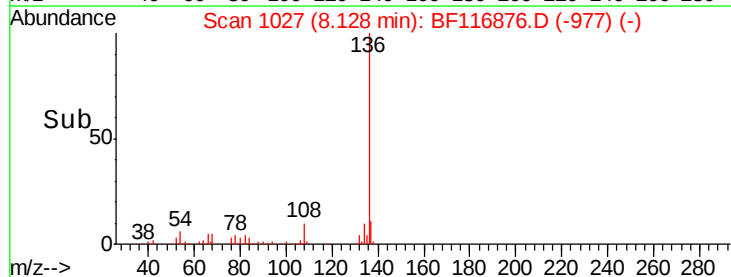
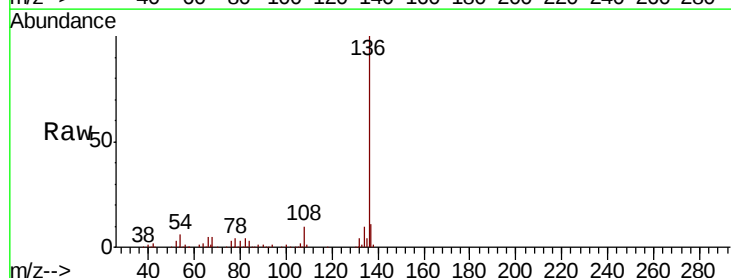
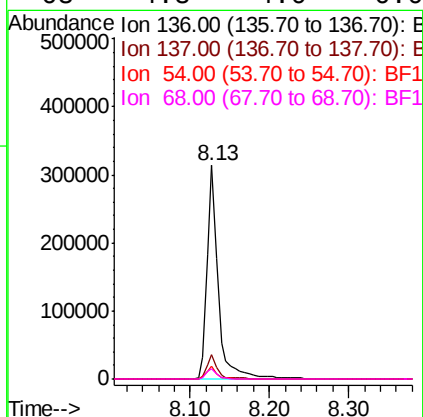
RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116876.D

Acq: 7 Sep 2019 7:17

Tgt Ion:	136	Resp:	311802
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	5.9	4.8	7.2
68	4.8	4.0	6.0





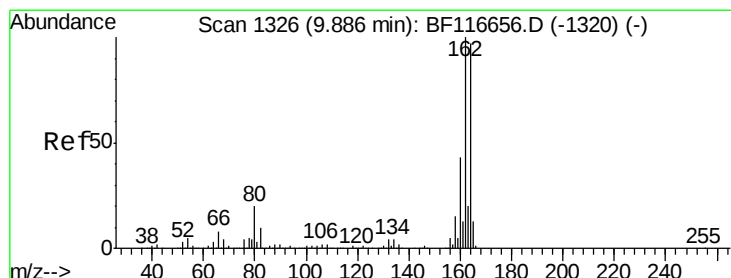
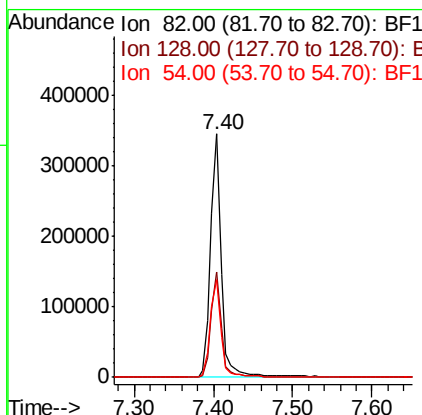
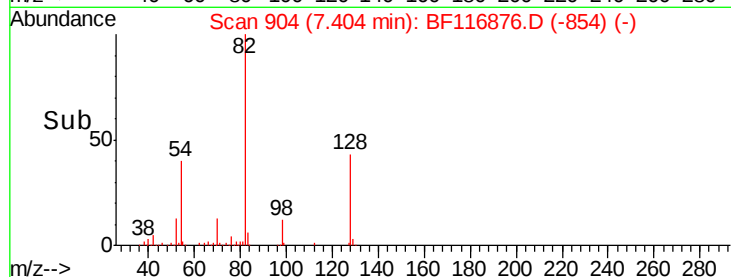
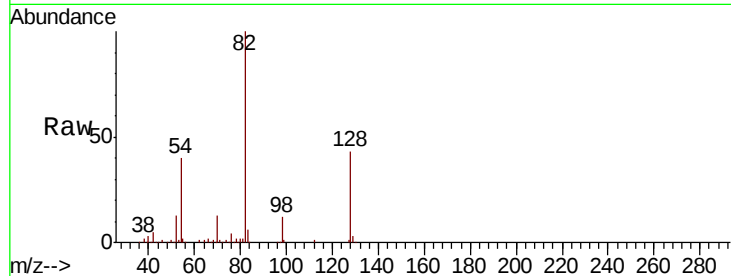
#23
Nitrobenzene-d5
Concen: 60.222 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116876.D
Acq: 7 Sep 2019 7:17

Instrument :
BNA_F
ClientSampleId :
WS-SB05-COMP

Tot Ion	82	Resp	328924
Ion Ratio	Lower	Upper	
82	100		
128	43.1	32.8	49.2
54	40.1	36.9	55.3

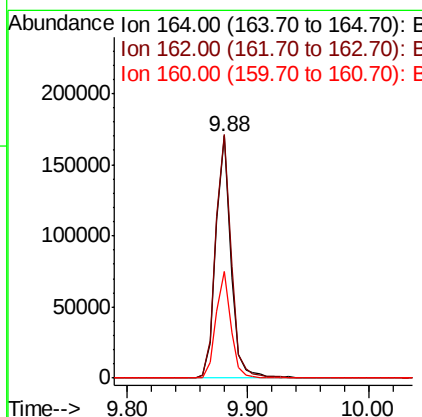
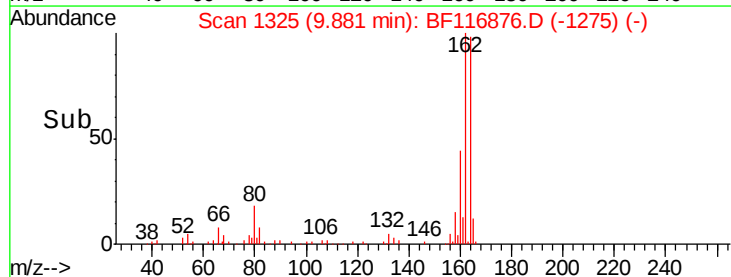
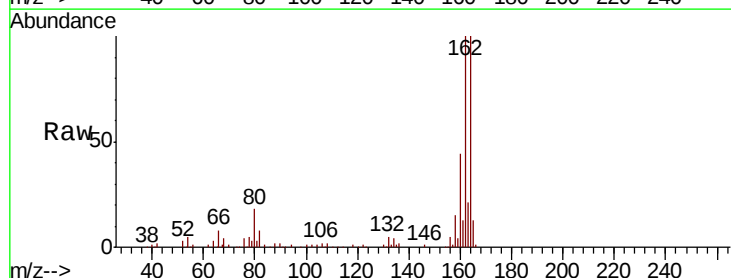
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116876.D
Acq: 7 Sep 2019 7:17

Tgt Ion	164	Resp	145714
Ion Ratio	Lower	Upper	
164	100		
162	100.5	81.4	122.0
160	44.3	35.4	53.2





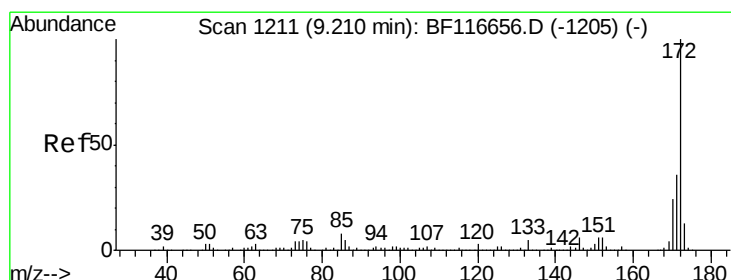
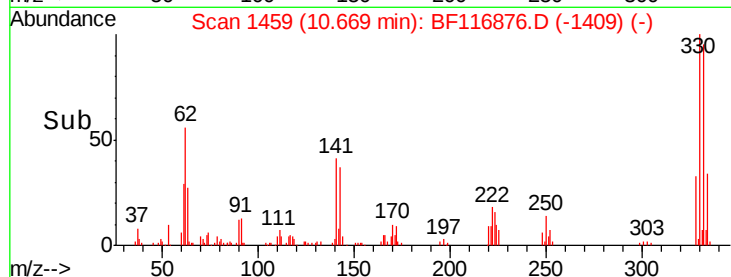
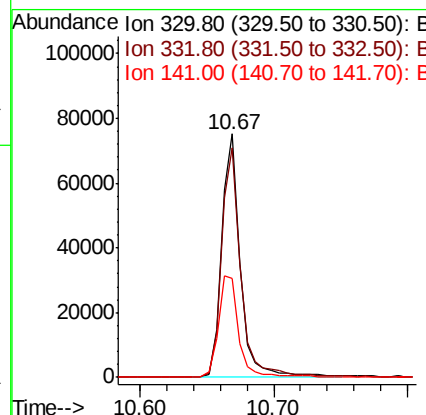
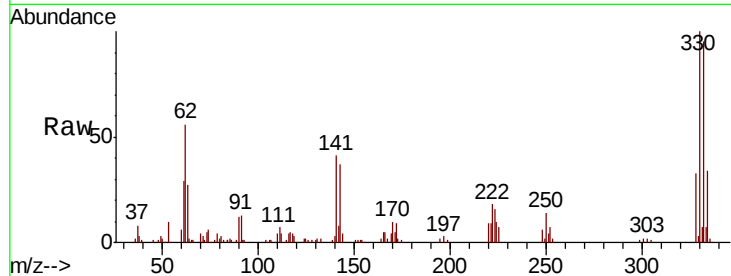
#42
 2,4,6-Tribromophenol
 Concen: 76.378 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116876.D
 Acq: 7 Sep 2019 7:17

Instrument :
 BNA_F
 ClientSampleId :
 WS-SB05-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.9	115.3
141	45.4	31.4	47.2

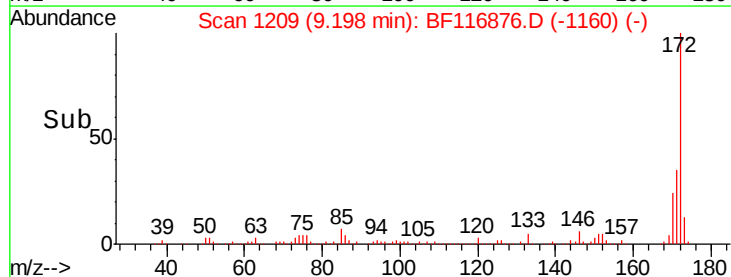
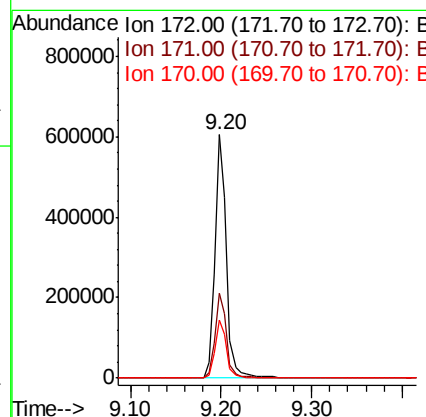
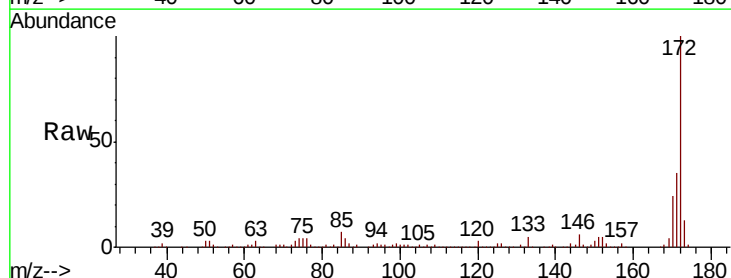
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#45
 2-Fluorobiphenyl
 Concen: 63.185 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF116876.D
 Acq: 7 Sep 2019 7:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.7	18.9	28.3





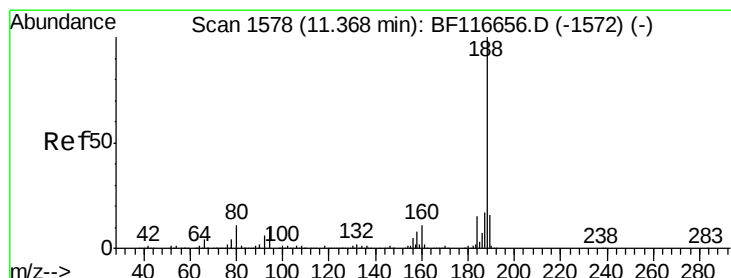
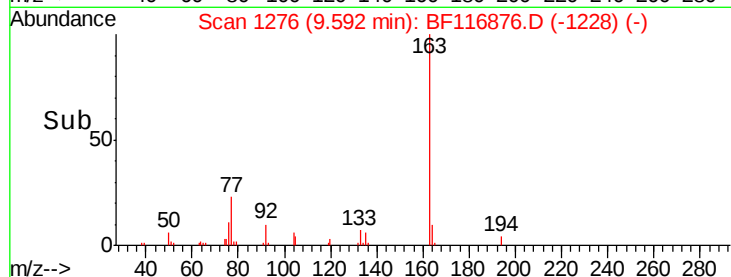
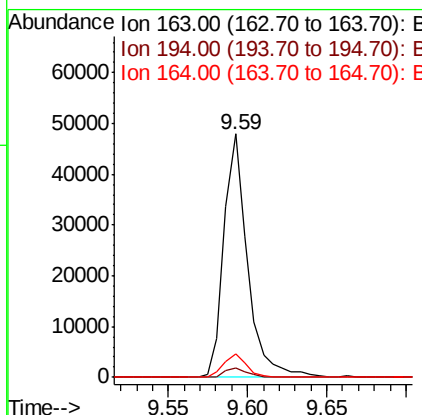
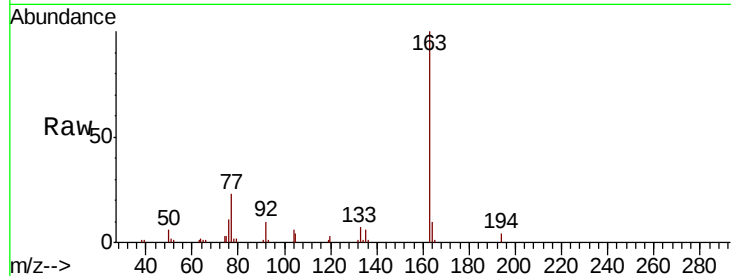
#50
Dimethylphthalate
Concen: 4.915 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116876.D
Acq: 7 Sep 2019 7:17

Instrument :
BNA_F
ClientSampleId :
WS-SB05-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		49443		
194	3.8			2.8	4.2
164	9.5			8.6	12.8

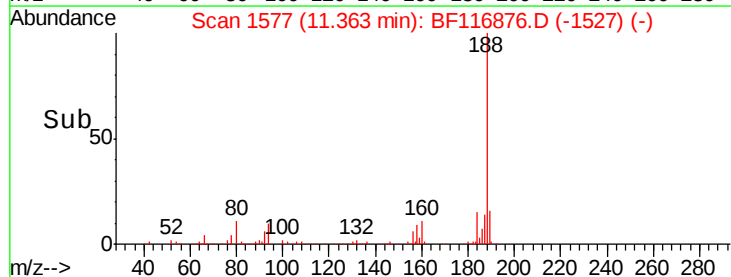
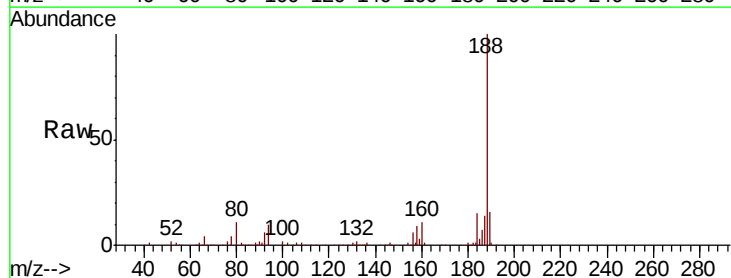
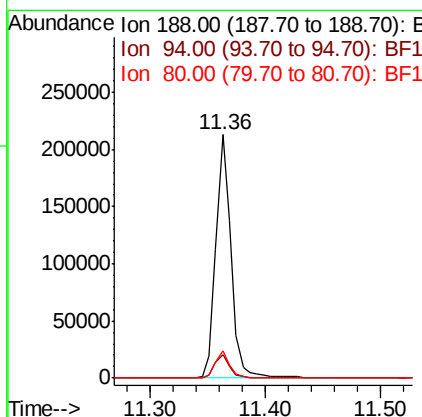
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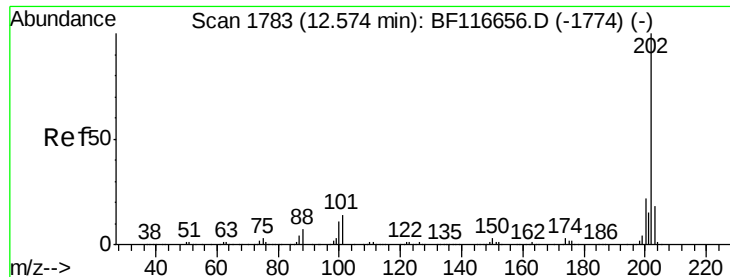
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116876.D
Acq: 7 Sep 2019 7:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		194536		
94	9.7			7.3	10.9
80	11.2			8.4	12.6





#75

Fluoranthene

Concen: 3.410 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF116876.D

Acq: 7 Sep 2019 7:17

Instrument :

BNA_F

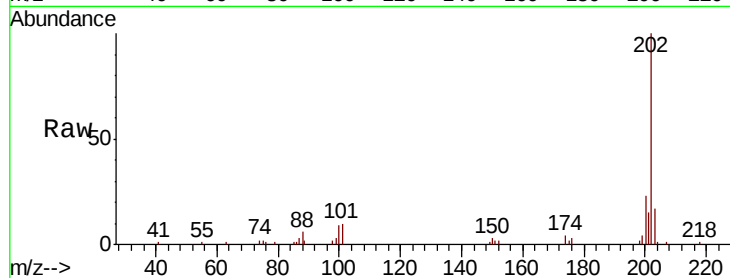
ClientSampleId :

WS-SB05-COMP

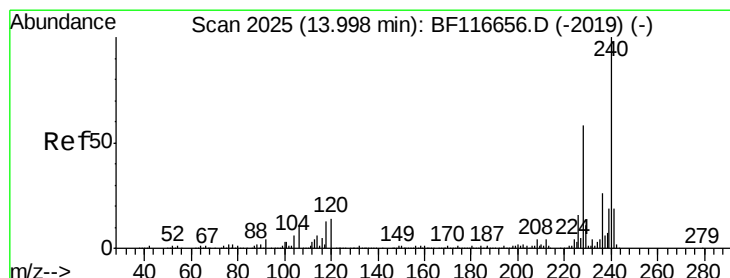
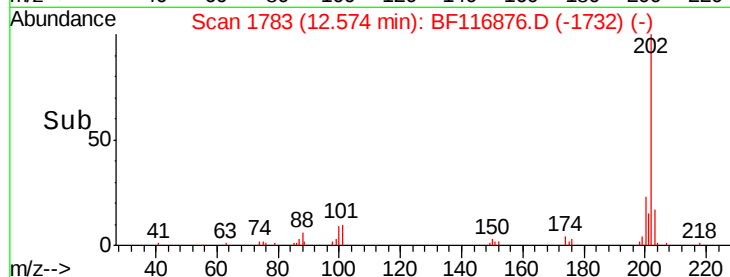
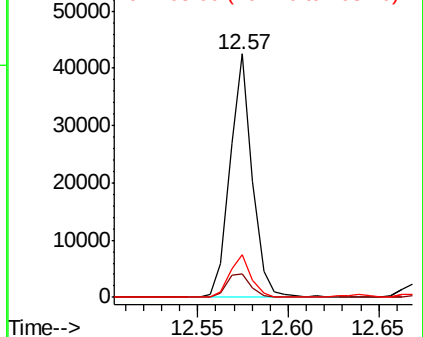
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		36292		
101	9.9	0.0	31.3		
203	17.4	0.0	37.6		

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

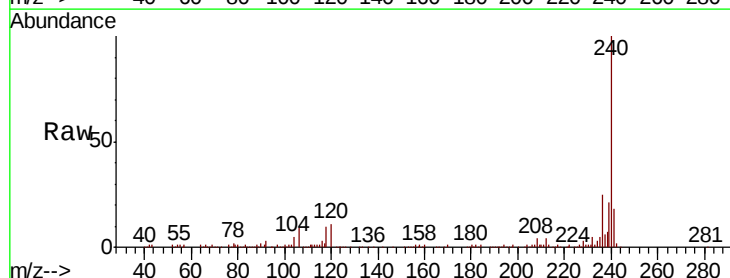
RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

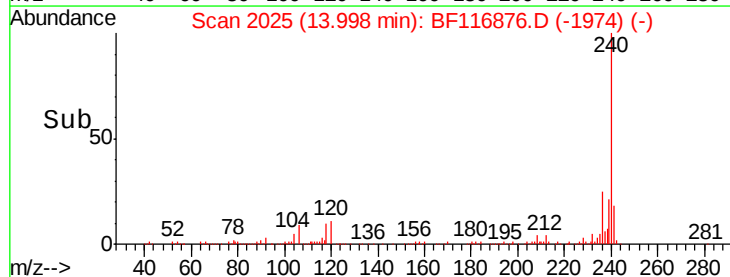
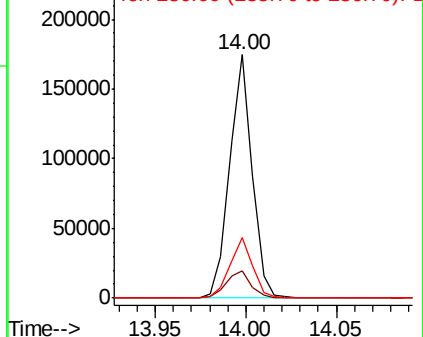
Lab File: BF116876.D

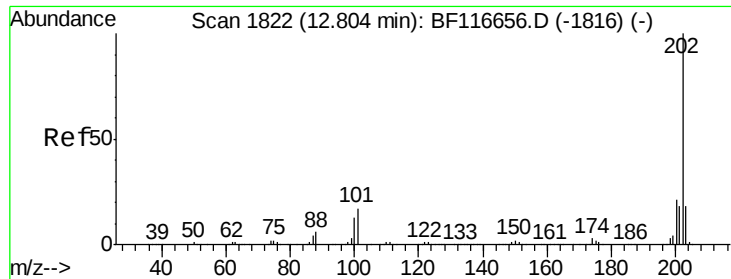
Acq: 7 Sep 2019 7:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		151304		
120	11.3	9.1	13.7		
236	24.8	21.1	31.7		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





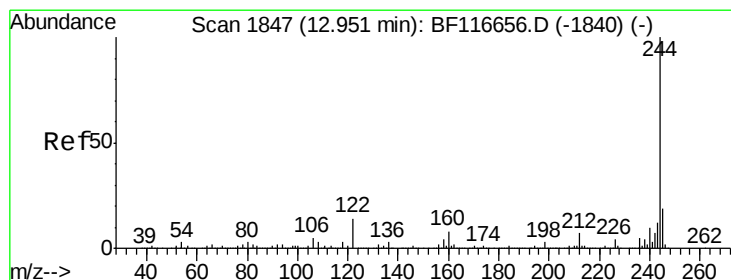
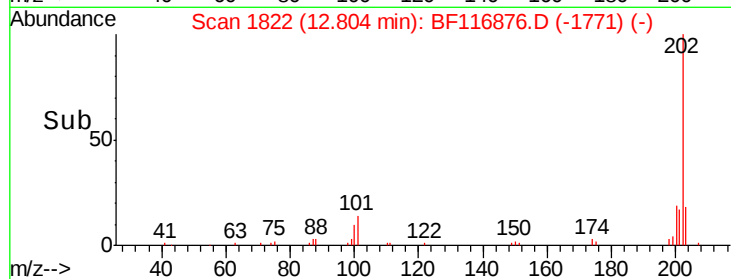
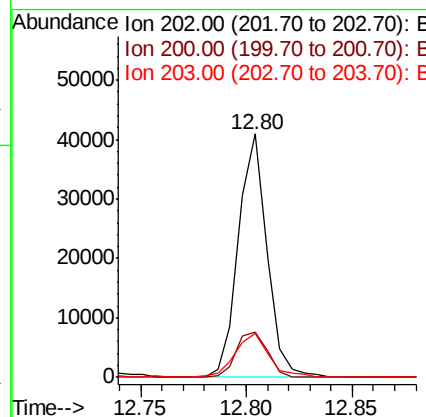
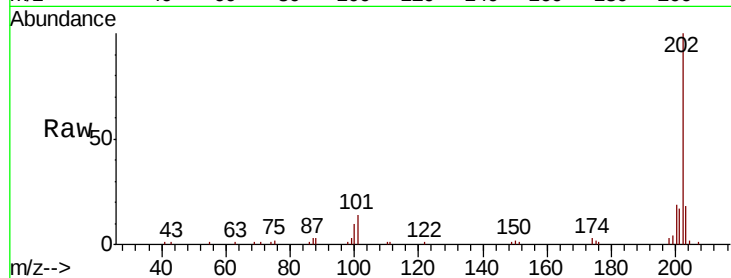
#78
Pvrene
Concen: 2.845 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF116876.D
Acq: 7 Sep 2019 7:17

Instrument :
BNA_F
ClientSampled :
WS-SB05-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	18.5	16.5	24.7
203	17.9	13.7	20.5

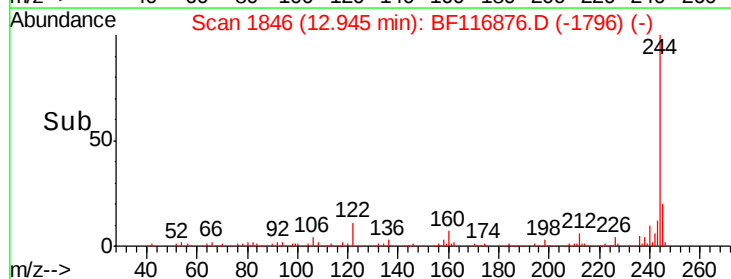
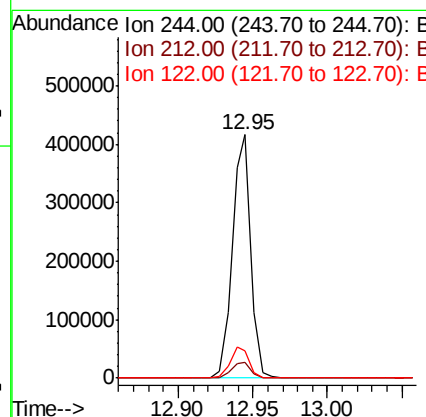
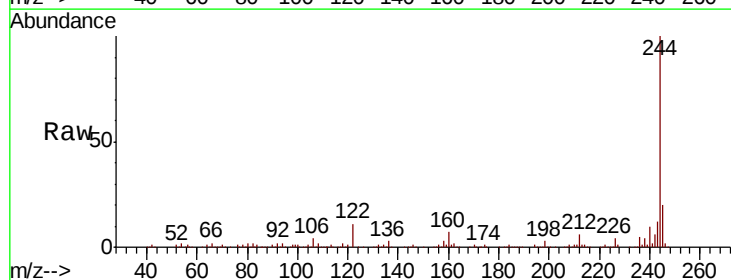
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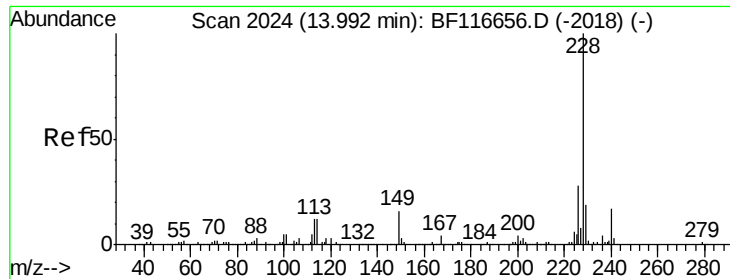
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#79
Terphenyl-d14
Concen: 44.463 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116876.D
Acq: 7 Sep 2019 7:17

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	6.1	9.1
122	11.2	10.2	15.4





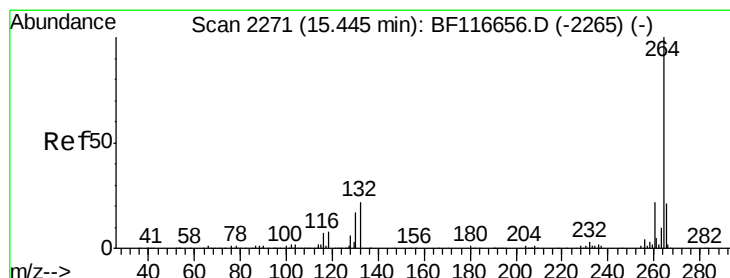
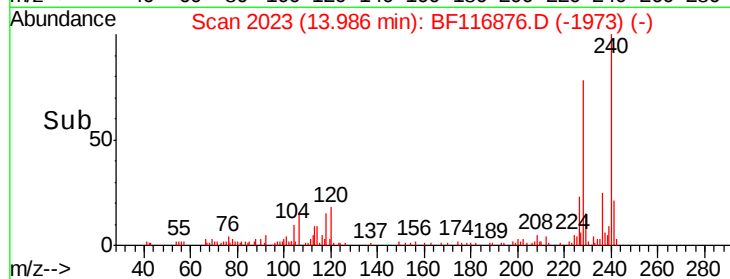
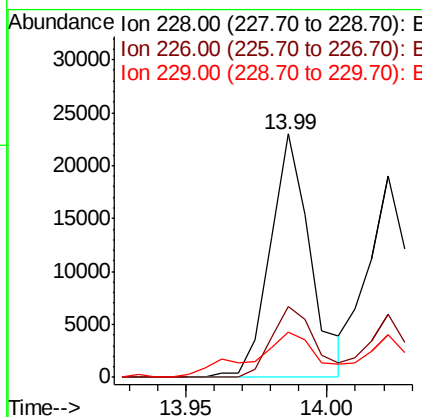
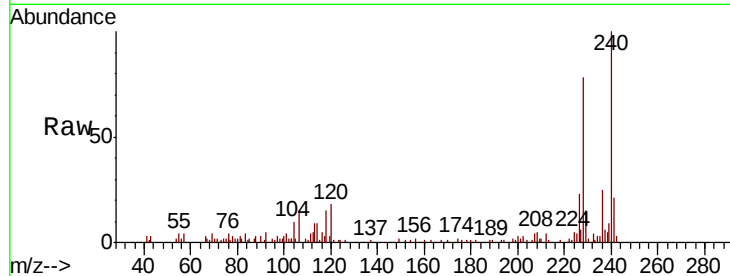
#81
Benzo(a)anthracene
Concen: 2.368 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116876.D
Acq: 7 Sep 2019 7:17

Instrument :
BNA_F
ClientSampleId :
WS-SB05-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.0	33.0
229	18.8	16.4	24.6

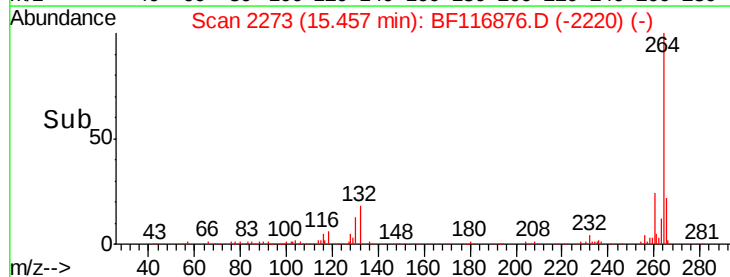
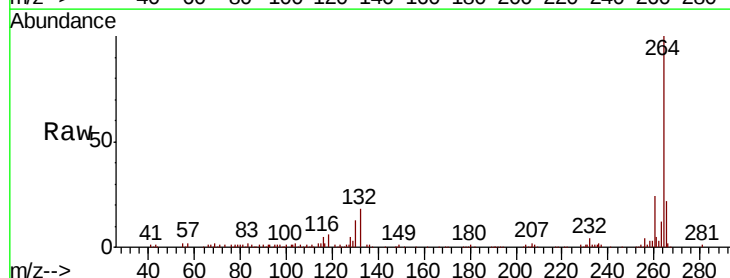
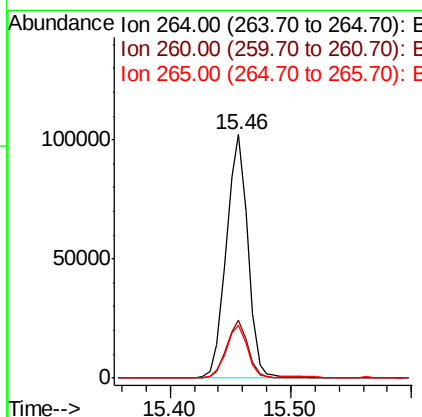
Manual Integrations
APPROVED

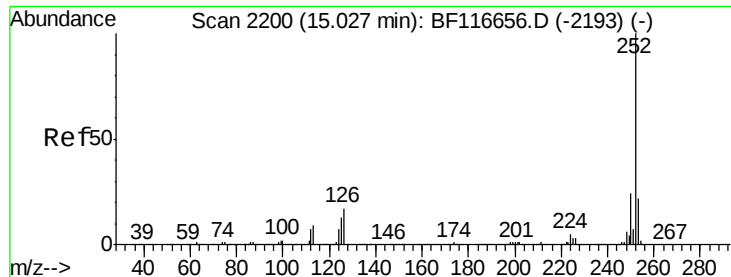
mohammad
9/12/2019 9:25:02 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF116876.D
Acq: 7 Sep 2019 7:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	21.9	16.5	24.7





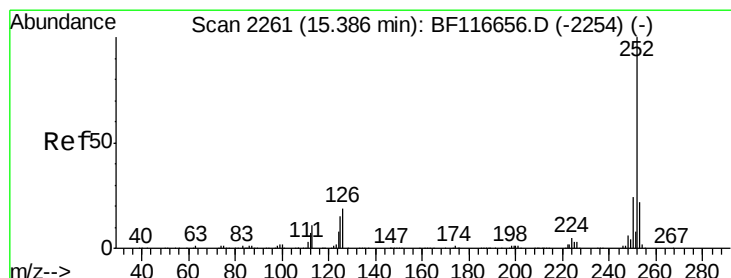
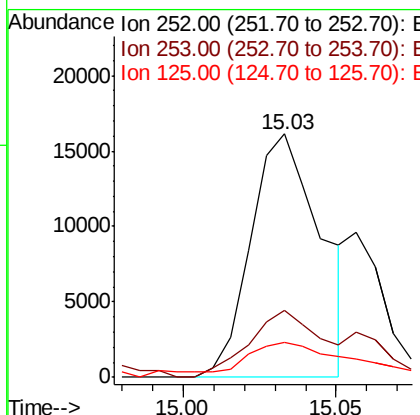
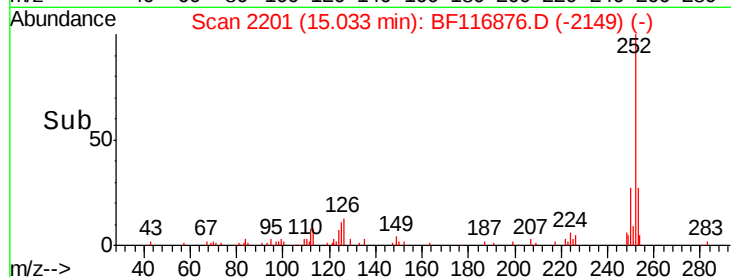
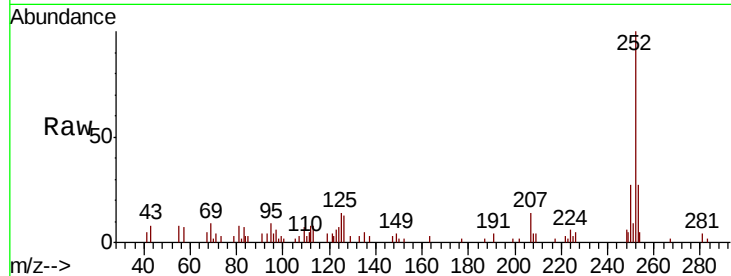
#88
Benzo(b)fluoranthene
Concen: 3.377 ng m
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF116876.D
Acq: 7 Sep 2019 7:17

Instrument :
BNA_F
ClientSampleId :
WS-SB05-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.7	26.5#
125	14.1	8.2	12.2#

Manual Integrations
APPROVED

mohammad
9/12/2019 9:25:02 AM



#90
Benzo(a)pyrene
Concen: 2.518 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF116876.D
Acq: 7 Sep 2019 7:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.1	27.1
125	15.1	9.8	14.8#

