Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111021\
Data File : BP007927.D
Acq On : 10 Nov 2021 19:24
Operator : CG/JU
Sample : M4605-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VWE-B19-110821-0-10

Quant Time: Nov 11 10:16:58 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 09 10:45:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	113217	20.000	ng	-0.01
21) Naphthalene-d8	10.651	136	384218	20.000	ng	#-0.01
39) Acenaphthene-d10	14.492	164	244721	20.000	ng	-0.01
64) Phenanthrene-d10	17.245	188	559790	20.000	ng	#-0.01
76) Chrysene-d12	21.339	240	739678	20.000	ng	#-0.01
86) Perylene-d12	23.751	264	860534	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	583202	87.361	ng	0.00
7) Phenol-d6	7.028	99	697490	72.185	ng	-0.01
23) Nitrobenzene-d5	9.010	82	404378	56.536	ng	-0.02
42) 2,4,6-Tribromophenol	15.986	330	311306	89.135	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	983779	58.542	ng	-0.01
79) Terphenyl-d14	19.810	244	1867891	51.422	ng	-0.01
Target Compounds						Qvalue

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

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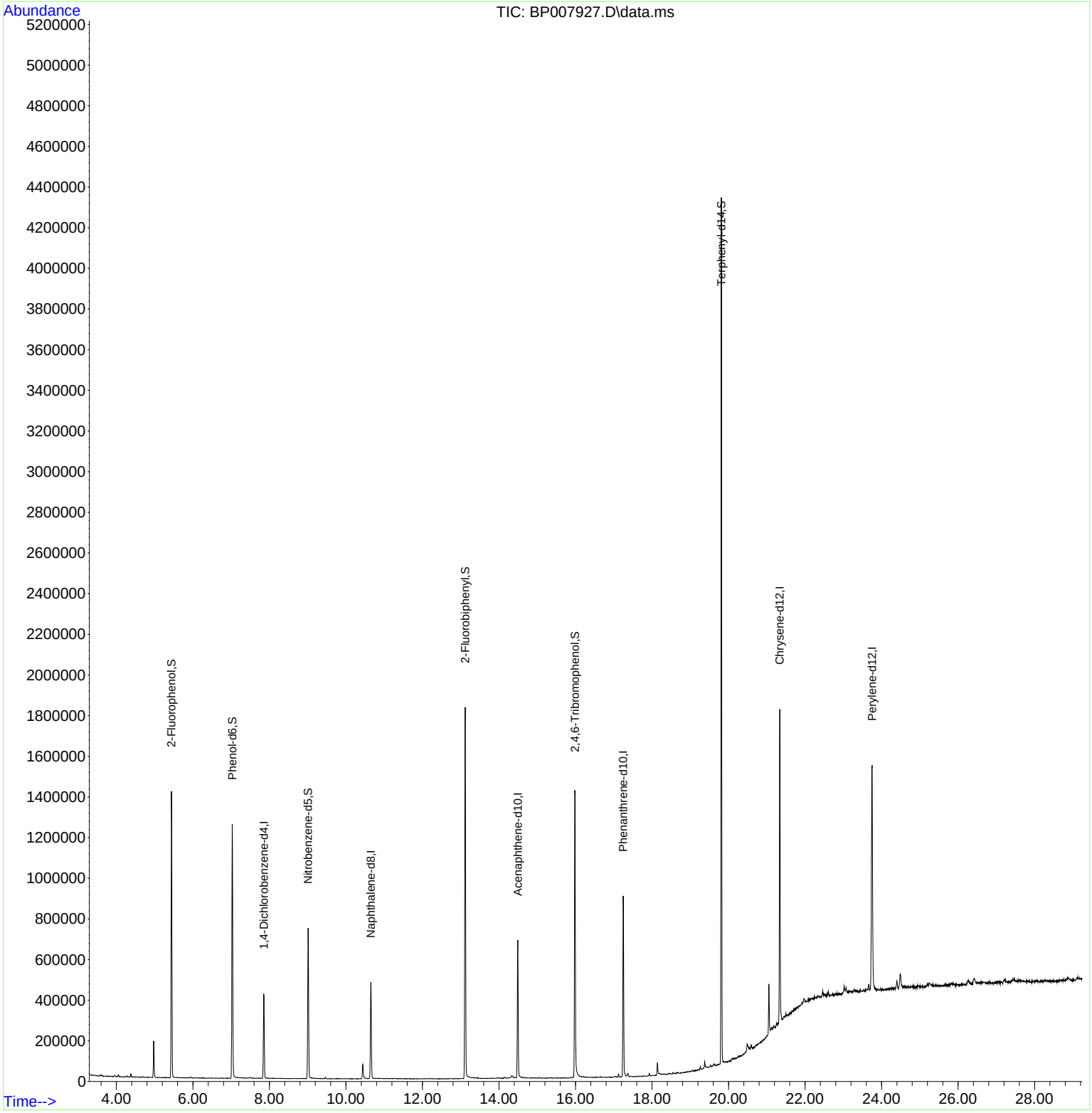
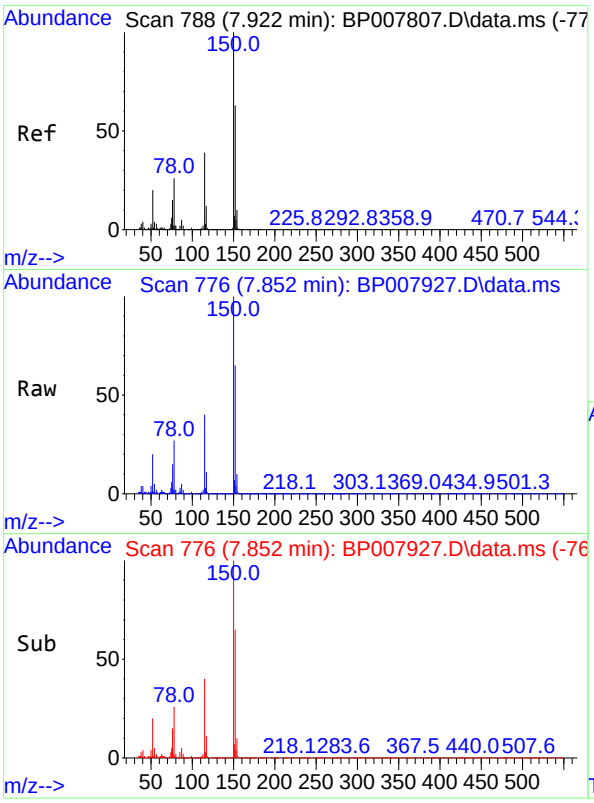


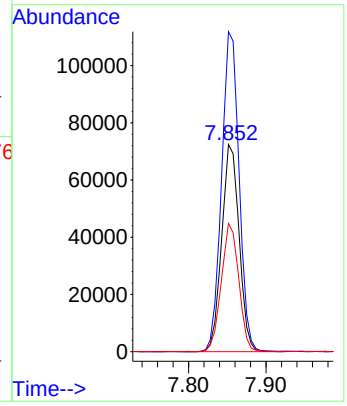


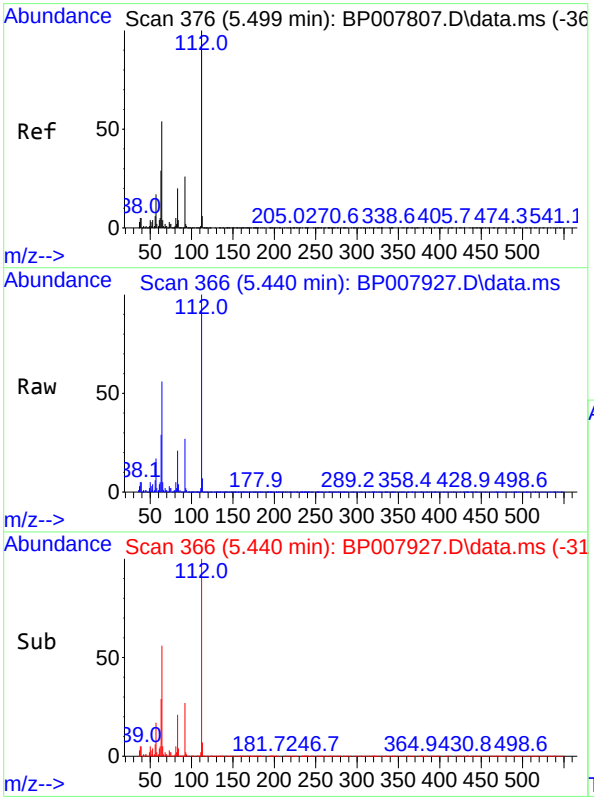
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP007927.D
Acq: 10 Nov 2021 19:24

Instrument :
BNA_P
ClientSampleId :
VWE-B19-110821-0-10

Tgt Ion:152 Resp: 113217

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.1	186.1
115	62.0	48.1	72.1

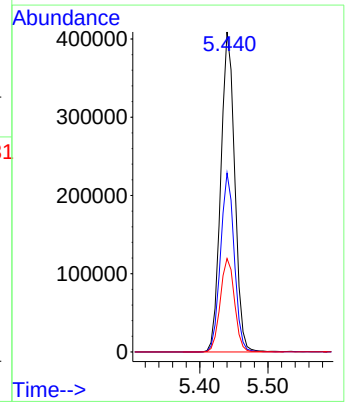


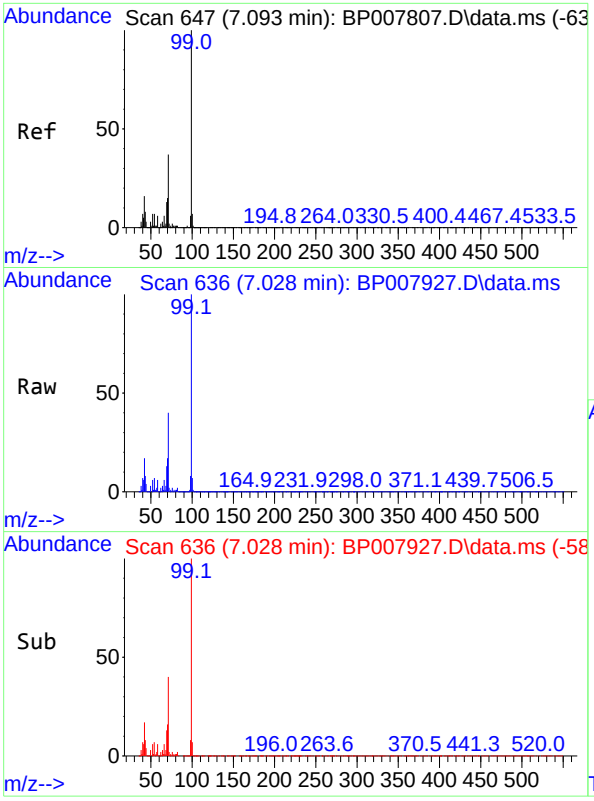


#5
2-Fluorophenol
Concen: 87.361 ng
RT: 5.440 min Scan# 366
Delta R.T. -0.006 min
Lab File: BP007927.D
Acq: 10 Nov 2021 19:24

Tgt Ion:112 Resp: 583202

Ion	Ratio	Lower	Upper
112	100		
64	55.9	46.6	70.0
63	29.2	25.0	37.6



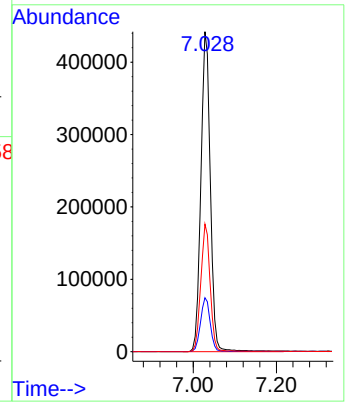


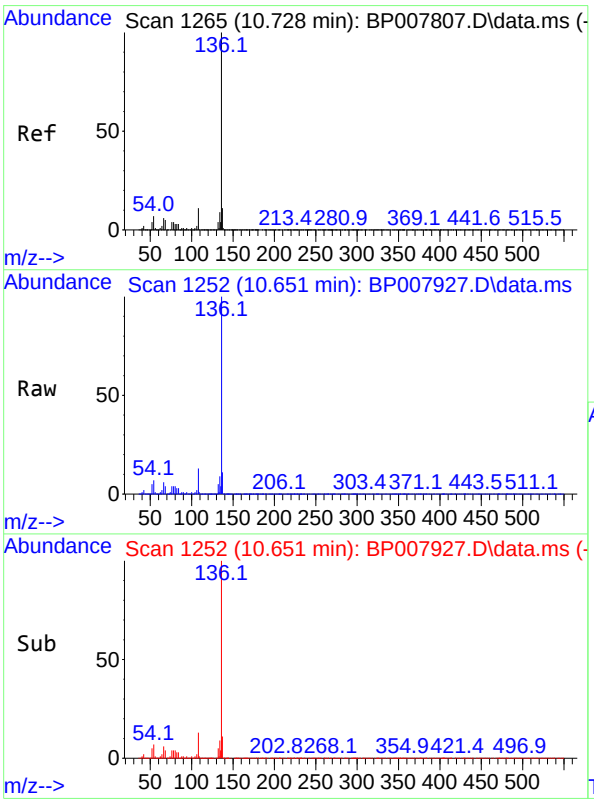
#7
Phenol-d6
Concen: 72.185 ng
RT: 7.028 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP007927.D
Acq: 10 Nov 2021 19:24

Instrument :
BNA_P
ClientSampleId :
VWE-B19-110821-0-10

Tgt Ion: 99 Resp: 697490

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.9	22.3
71	39.9	29.2	43.8

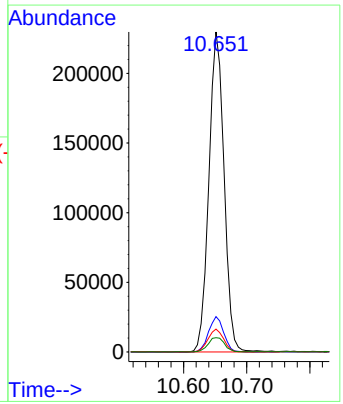


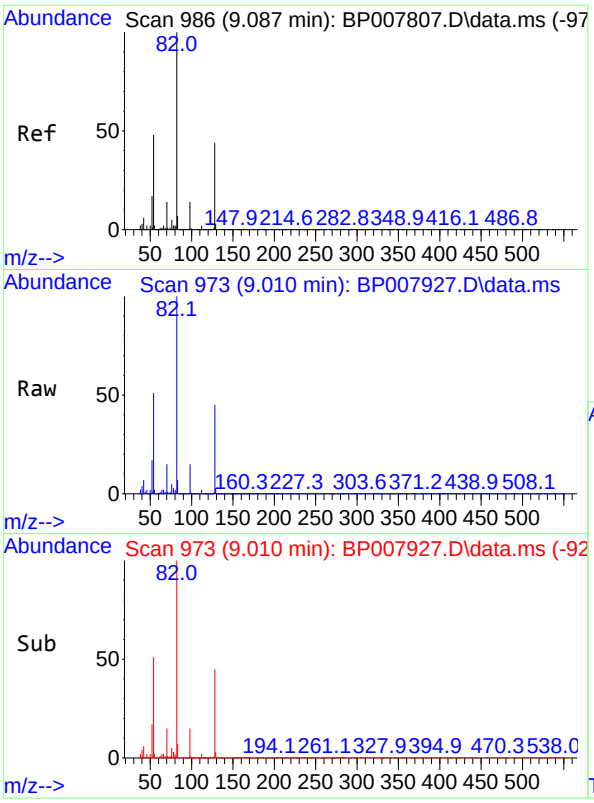


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1252
Delta R.T. -0.012 min
Lab File: BP007927.D
Acq: 10 Nov 2021 19:24

Tgt Ion:136 Resp: 384218

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.2	6.2	9.4
68	4.4	4.7	7.1#



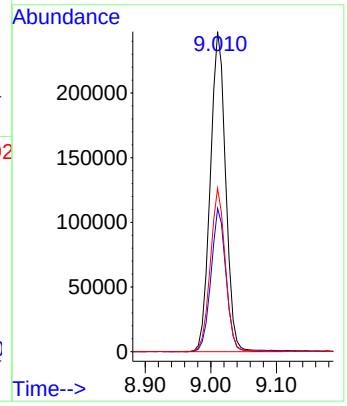


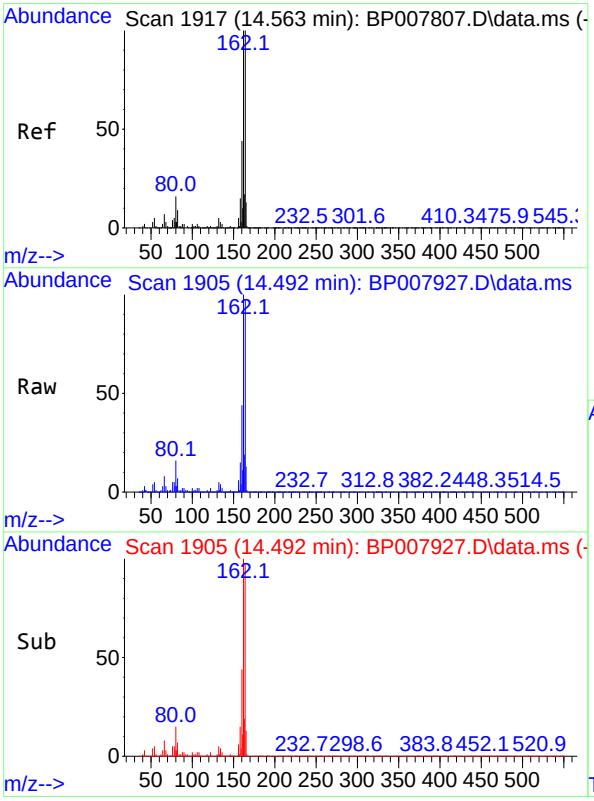
#23
Nitrobenzene-d5
Concen: 56.536 ng
RT: 9.010 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP007927.D
Acq: 10 Nov 2021 19:24

Instrument :
BNA_P
ClientSampleId :
VWE-B19-110821-0-10

Tgt Ion: 82 Resp: 404378

Ion	Ratio	Lower	Upper
82	100		
128	44.7	32.6	48.8
54	51.1	40.4	60.6

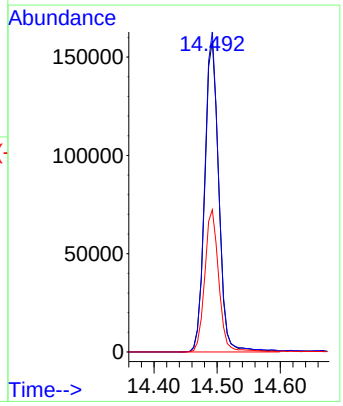


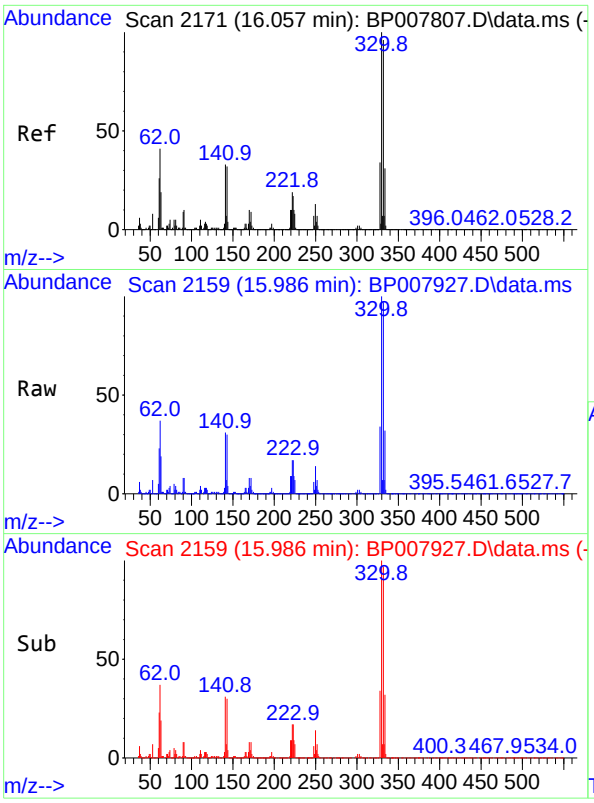


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP007927.D
Acq: 10 Nov 2021 19:24

Tgt Ion:164 Resp: 244721

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.1	121.7
160	45.8	36.0	54.0



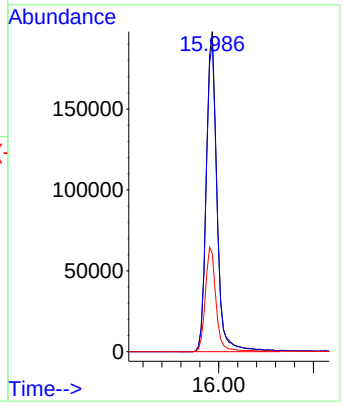


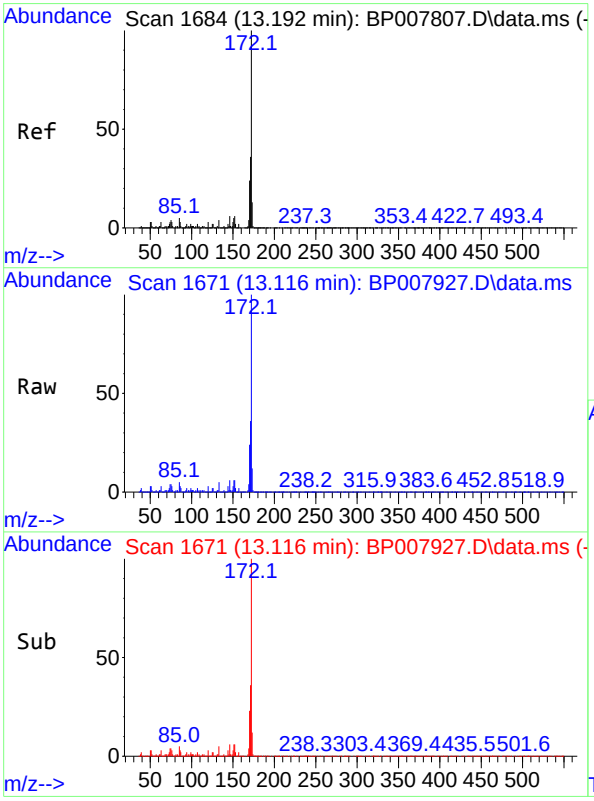
#42
2,4,6-Tribromophenol
Concen: 89.135 ng
RT: 15.986 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP007927.D
Acq: 10 Nov 2021 19:24

Instrument :
BNA_P
ClientSampleId :
VWE-B19-110821-0-10

Tgt Ion:330 Resp: 311306

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.9	118.3
141	32.7	30.7	46.1

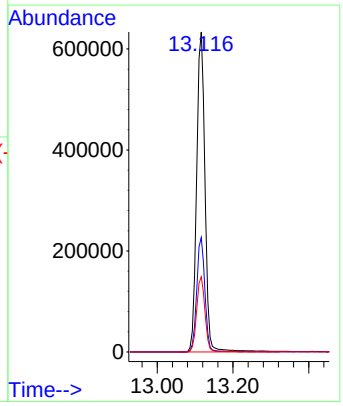


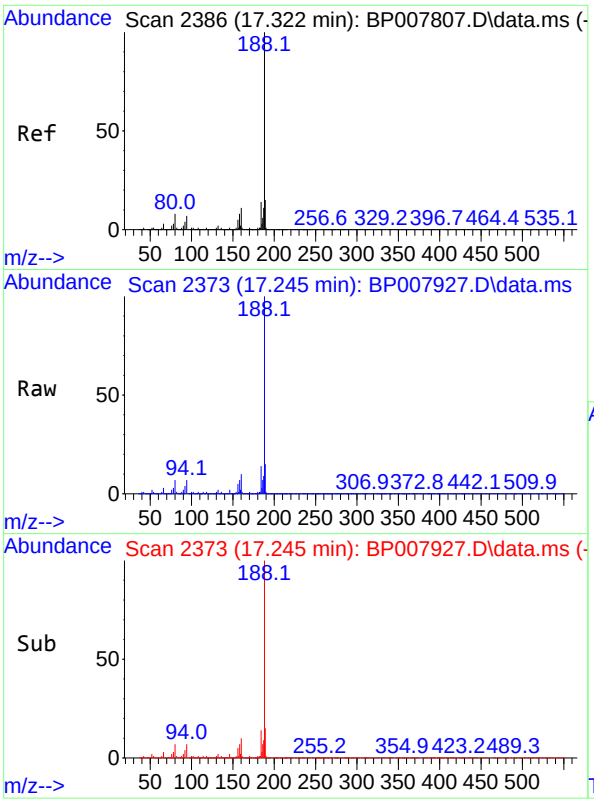


#45
2-Fluorobiphenyl
Concen: 58.542 ng
RT: 13.116 min Scan# 1671
Delta R.T. -0.012 min
Lab File: BP007927.D
Acq: 10 Nov 2021 19:24

Tgt Ion:172 Resp: 983779

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	23.5	19.0	28.4



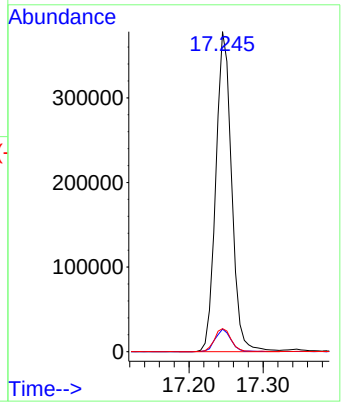


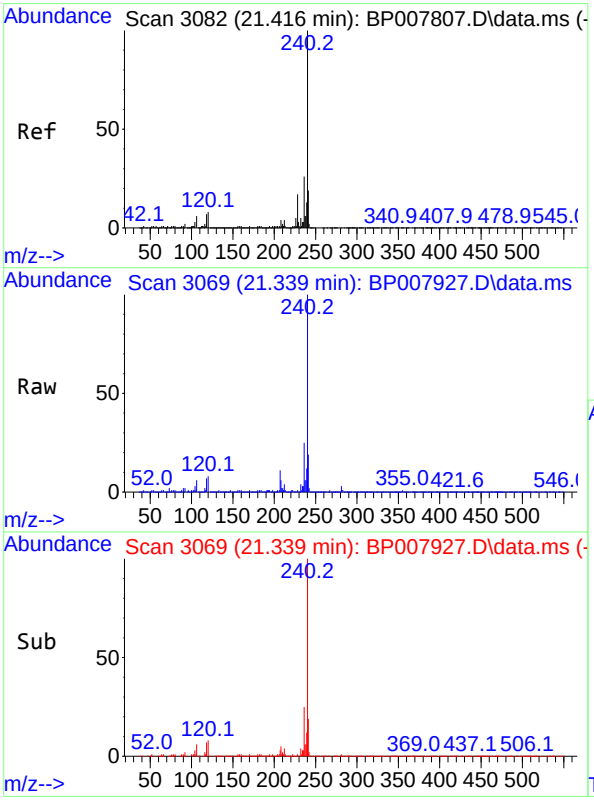
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP007927.D
Acq: 10 Nov 2021 19:24

Instrument :
BNA_P
ClientSampleId :
VWE-B19-110821-0-10

Tgt Ion:188 Resp: 559790

Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.1	10.7#
80	7.2	7.8	11.6#

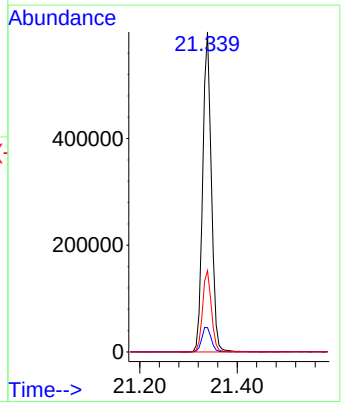


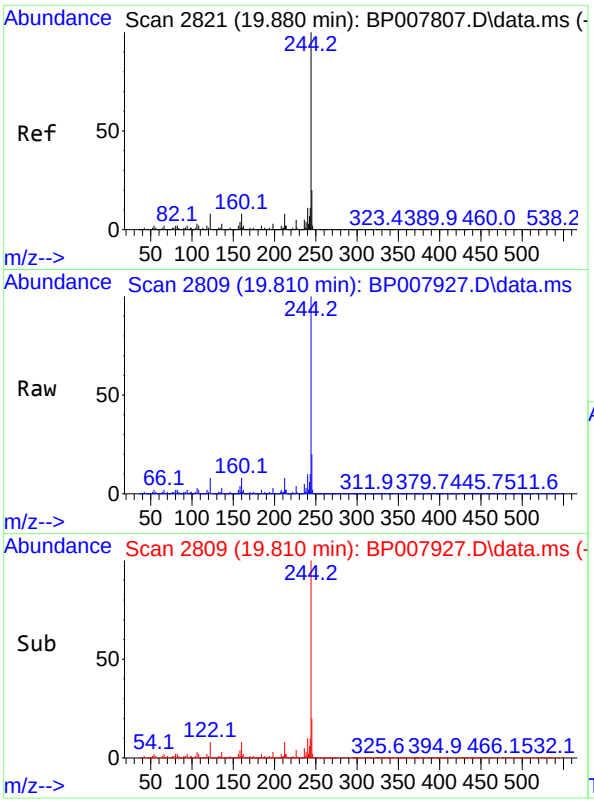


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3069
Delta R.T. -0.012 min
Lab File: BP007927.D
Acq: 10 Nov 2021 19:24

Tgt Ion:240 Resp: 739678

Ion	Ratio	Lower	Upper
240	100		
120	7.6	7.8	11.8#
236	25.4	20.6	30.8



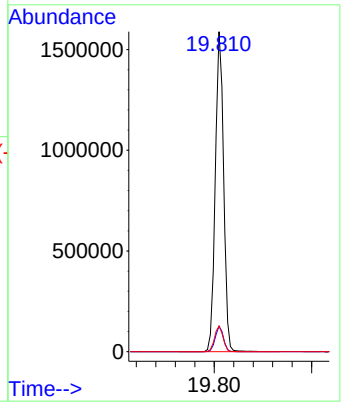


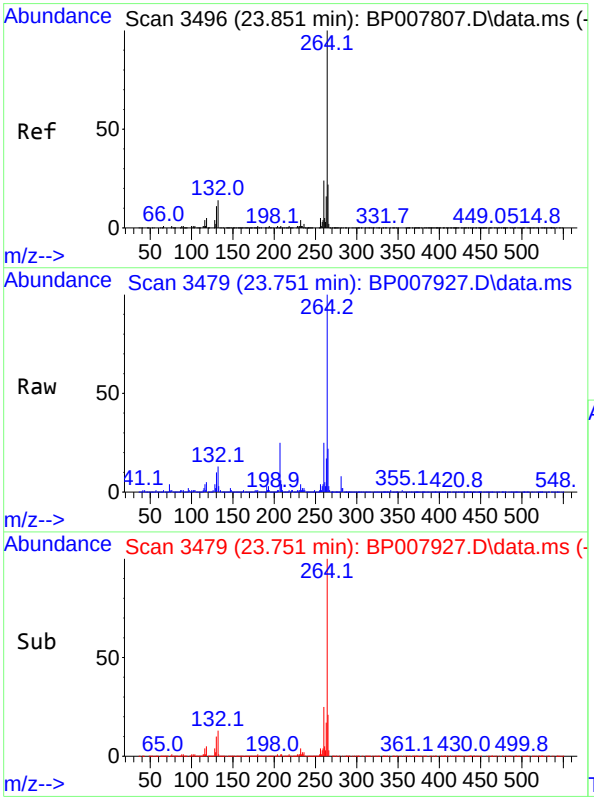
#79
Terphenyl-d14
Concen: 51.422 ng
RT: 19.810 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP007927.D
Acq: 10 Nov 2021 19:24

Instrument :
BNA_P
ClientSampleId :
VWE-B19-110821-0-10

Tgt Ion:244 Resp: 1867891

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	8.0	7.8	11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.751 min Scan# 3479
Delta R.T. -0.018 min
Lab File: BP007927.D
Acq: 10 Nov 2021 19:24

Tgt Ion:264 Resp: 860534

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.1	28.7
265	22.0	16.7	25.1